

# Package ‘hoopR’

October 13, 2022

**Title** Access Men's Basketball Play by Play Data

**Version** 1.8.0

**Description** A utility to quickly obtain clean and tidy men's basketball play by play data. Provides functions to access live play by play and box score data from ESPN<<https://www.espn.com>> with shot locations when available. It is also a full NBA Stats API<<https://www.nba.com/stats/>> wrapper. It is also a scraping and aggregating interface for Ken Pomeroy's men's college basketball statistics website<<https://kenpom.com>>. It provides users with an active subscription the capability to scrape the website tables and analyze the data for themselves.

**License** MIT + file LICENSE

**URL** <https://github.com/sportsdataverse/hoopR>,  
<http://hoopr.sportsdataverse.org/>

**BugReports** <https://github.com/sportsdataverse/hoopR/issues>

**SystemRequirements** pandoc (>= 1.12.3), pandoc-citeproc

**Depends** R (>= 4.0.0)

**Imports** cli (>= 1.1.0), data.table (>= 1.14.0), dplyr, furr, future, glue, httr (>= 0.5), janitor, jsonlite, magrittr, progressr (>= 0.6.0), purrr (>= 0.3.0), Rcpp (>= 1.0.7), RcppParallel (>= 5.1.4), rlang (>= 0.4.0), rvest (>= 1.0.0), stringr (>= 1.3.0), tidyr (>= 1.0.0), usethis (>= 1.6.0)

**Suggests** crayon (>= 1.3.4), curl, DBI, ggplot2, ggrepel, qs (>= 0.25.1), rmarkdown, RSQLite, stats, stringi, testthat, tibble (>= 3.0), xml2 (>= 1.3), yaml

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.2.0

**NeedsCompilation** no

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allplayers                      **Get NBA Stats API All Players**

---

**Description****Get NBA Stats API All Players****Get NBA Stats API All Players****Usage**

```
nba_commonallplayers(
  is_only_current_season = 0,
  league_id = "00",
  season = "2020-21"
)
```

**Arguments**

is_only_current_season	is_only_current_season
league_id	league_id
season	season

**Value**

Return a named list of data frames: CommonAllPlayers

**Author(s)**

Saiem Gilani

---

alltime

**Get NBA Stats API All-time Leaders Grid**

---

**Description**

**Get NBA Stats API All-time Leaders Grid**

**Get NBA Stats API All-time Leaders Grid**

**Usage**

```
nba_alltimeleadersgrids(
  league_id = "00",
  per_mode = "PerGame",
  season_type = "Regular Season",
  top_x = 10
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season_type	Season Type - Regular Season, Playoffs, All-Star
top_x	Top X

**Value**

Returns a named list of data frames: ASTLeaders, BLKLeaders, DREBLeaders, FG3ALeaders, FG3MLeaders, FG3\_PCTLeaders, FGALeaders, FGMLeaders, FG\_PCTLeaders, FTALeaders, FTMLeaders, FT\_PCTLeaders, GPLeaders, OREBLeaders, PFLeaders, PTSLeaders, REBLeaders, STLLeaders, TOVLeaders

**Author(s)**

Saiem Gilani

---

 assists

**Get NBA Stats API Assist Leaders**


---

**Description**

**Get NBA Stats API Assist Leaders**

**Get NBA Stats API Assist Leaders**

**Usage**

```
nba_assistleaders(
  league_id = "00",
  per_mode = "PerGame",
  player_or_team = "Team",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
player_or_team	Player or Team
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Returns a named list of data frames: AssistLeaders

**Author(s)**

Saiem Gilani

---

 assist\_tracker

**Get NBA Stats API Assist Tracker**


---

**Description**

**Get NBA Stats API Assist Tracker**

**Get NBA Stats API Assist Tracker**



**Usage**

```
nba_assisttracker(
  league_id = "00",
  per_mode = "PerGame",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Returns a named list of data frames: AssistTracker

**Author(s)**

Saiem Gilani

---

 bs\_adv2

---

 Get NBA Stats API Boxscore Advanced V2
 

---

**Description**

**Get NBA Stats API Boxscore Advanced V2**

**Get NBA Stats API Boxscore Advanced V2**

**Usage**

```
nba_boxscoreadvancedv2(
  game_id,
  start_period = 0,
  end_period = 14,
  start_range = 0,
  end_range = 0,
  range_type = 0
)
```

**Arguments**

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

**Value**

Returns a named list of data frames: PlayerStats, TeamStats

**Author(s)**

Saiem Gilani

---

 bs\_defensive

---

**Get NBA Stats API Boxscore Defensive**


---

**Description**

**Get NBA Stats API Boxscore Defensive**

**Get NBA Stats API Boxscore Defensive**

**Usage**

```
nba_boxscoredefensive(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

Returns a named list of data frames: PlayerDefensiveStats, Table1

**Author(s)**

Saiem Gilani

---

bs\_ffv2

## Get NBA Stats API Boxscore Four Factors V2

---

### Description

**Get NBA Stats API Boxscore Four Factors V2**

**Get NBA Stats API Boxscore Four Factors V2**

### Usage

```
nba_boxscorefourfactorsv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

### Arguments

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

### Value

Returns a named list of data frames: sqlPlayersFourFactors, sqlTeamFourFactors

### Author(s)

Saiem Gilani

---

bs\_match

### Get NBA Stats API Boxscore Matchups

---

#### Description

**Get NBA Stats API Boxscore Matchups**

**Get NBA Stats API Boxscore Matchups**

#### Usage

```
nba_boxscorematchups(game_id)
```

#### Arguments

game\_id          Game ID

#### Value

Returns a named list of data frames: PlayerMatchupsStats

#### Author(s)

Saiem Gilani

---

bs\_miscv2

### Get NBA Stats API Boxscore Misc V2

---

#### Description

**Get NBA Stats API Boxscore Misc V2**

**Get NBA Stats API Boxscore Misc V2**

#### Usage

```
nba_boxscoremiscv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

**Arguments**

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

**Value**

Returns a named list of data frames: sqlPlayersMisc, sqlTeamsMisc

**Author(s)**

Saiem Gilani

---

bs\_pt\_v2

**Get NBA Stats API Boxscore Player Tracking V2**

---

**Description**

**Get NBA Stats API Boxscore Player Tracking V2**

**Get NBA Stats API Boxscore Player Tracking V2**

**Usage**

```
nba_boxscoreplayertrackv2(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

Returns a named list of data frames: PlayerStats, TeamStats

**Author(s)**

Saiem Gilani

---

`bs_scoringv2`**Get NBA Stats API Boxscore Scoring V2**

---

**Description****Get NBA Stats API Boxscore Scoring V2****Get NBA Stats API Boxscore Scoring V2****Usage**

```
nba_boxscorescoringv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```

**Arguments**

<code>game_id</code>	Game ID
<code>start_period</code>	<code>start_period</code>
<code>end_period</code>	<code>end_period</code>
<code>start_range</code>	<code>start_range</code>
<code>end_range</code>	<code>end_range</code>
<code>range_type</code>	<code>range_type</code>

**Value**

Returns a named list of data frames: `sqlPlayersScoring`, `sqlTeamsScoring`

**Author(s)**

Saiem Gilani

---

bs_similarity	<b>Get NBA Stats API Boxscore Similarity Score</b>
---------------	--

---

**Description****Get NBA Stats API Boxscore Similarity Score****Get NBA Stats API Boxscore Similarity Score****Usage**

```
nba_boxscoresimilarityscore(  
  person_1_id,  
  person_1_league_id,  
  person_1_season,  
  person_1_season_type,  
  person_2_id,  
  person_2_league_id,  
  person_2_season,  
  person_2_season_type  
)
```

**Arguments**

```
person_1_id    person_1_id  
person_1_league_id  
               person_1_league_id  
person_1_season  
               person_1_season  
person_1_season_type  
               person_1_season_type  
person_2_id    person_2_id  
person_2_league_id  
               person_2_league_id  
person_2_season  
               person_2_season  
person_2_season_type  
               person_2_season_type
```

**Value**

Returns a named list of data frames: BoxScoreSimilarityScores

**Author(s)**

Saiem Gilani

---

`bs_summaryv2`**Get NBA Stats API Boxscore Summary V2**

---

**Description****Get NBA Stats API Boxscore Summary V2****Get NBA Stats API Boxscore Summary V2****Usage**

```
nba_boxscoresummaryv2(game_id)
```

**Arguments**

<code>game_id</code>	Game ID
----------------------	---------

**Value**

Returns a named list of data frames: AvailableVideo, GameInfo, GameSummary, InactivePlayers, LastMeeting, LineScore, Officials, OtherStats, SeasonSeries

**Author(s)**

Saiem Gilani

---

`bs_tradv2`**Get NBA Stats API Boxscore Traditional V2**

---

**Description****Get NBA Stats API Boxscore Traditional V2****Get NBA Stats API Boxscore Traditional V2****Usage**

```
nba_boxscoretraditionalv2(  
  game_id,  
  start_period = 0,  
  end_period = 14,  
  start_range = 0,  
  end_range = 0,  
  range_type = 0  
)
```



**Arguments**

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

**Value**

A list of data frames: PlayerStats, TeamStarterBenchStats, TeamStats

**Author(s)**

Saiem Gilani

---

 bs\_usagev2

 Get NBA Stats API Boxscore Usage V2
 

---

**Description**

**Get NBA Stats API Boxscore Usage V2**

**Get NBA Stats API Boxscore Usage V2**

**Usage**

```
nba_boxscoreusagev2(
  game_id,
  start_period = 0,
  end_period = 14,
  start_range = 0,
  end_range = 0,
  range_type = 0
)
```

**Arguments**

game_id	Game ID
start_period	start_period
end_period	end_period
start_range	start_range
end_range	end_range
range_type	range_type

**Value**

Returns a named list of data frames: sqlPlayersUsage, sqlTeamsUsage

**Author(s)**

Saiem Gilani

---

check_status	<b>Check Status function</b>
--------------	------------------------------

---

**Description**

**Check Status function**

**Usage**

check\_status(res)

**Arguments**

res	Response from API
-----	-------------------

---

clean_team_names_NCAA_merge	<b>Clean KenPom Data Frame Team Names to match NCAA Team Names for easier merging</b>
-----------------------------	---

---

**Description**

**Clean KenPom Data Frame Team Names to match NCAA Team Names for easier merging**

**Usage**

clean\_team\_names\_NCAA\_merge(df)

**Arguments**

df	KenPom dataframe
----	------------------

---

commonplayerinfo	<b>Get NBA Stats API Player Info</b>
------------------	--------------------------------------

---

**Description****Get NBA Stats API Player Info****Get NBA Stats API Player Info****Usage**

```
nba_commonplayerinfo(league_id = "00", player_id = "2544")
```

**Arguments**

league\_id      league\_id

player\_id      player\_id

**Value**

Return a named list of data frames: AvailableSeasons

**Author(s)**

Saiem Gilani

---

commonplayoffseries	<b>Get NBA Stats API Playoff Series</b>
---------------------	---

---

**Description****Get NBA Stats API Playoff Series****Get NBA Stats API Playoff Series****Usage**

```
nba_commonplayoffseries(league_id = "00", season = "2020-21", series_id = "")
```

**Arguments**

league\_id      league\_id

season          season

series\_id      series\_id

**Value**

Return a named list of data frames: PlayoffSeries

**Author(s)**

Saiem Gilani

---

commonteamroster

**Get NBA Stats API Team Roster**

---

**Description**

**Get NBA Stats API Team Roster**

**Get NBA Stats API Team Roster**

**Usage**

```
nba_commonteamroster(  
  league_id = "00",  
  season = "2020-21",  
  team_id = "1610612739"  
)
```

**Arguments**

league_id	league_id
season	season
team_id	team_id

**Value**

Return a named list of data frames: Coaches, CommonTeamRoster

**Author(s)**

Saiem Gilani

---

 csv\_from\_url

---

**Load .csv / .csv.gz file from a remote connection**


---

**Description**

This is a thin wrapper on `data.table::fread`

**Usage**

```
csv_from_url(...)
```

**Arguments**

...

Arguments passed on to `data.table::fread`

**input** A single character string. The value is inspected and deferred to either `file=` (if no `\n` present), `text=` (if at least one `\n` is present) or `cmd=` (if no `\n` is present, at least one space is present, and it isn't a file name). Exactly one of `input=`, `file=`, `text=`, or `cmd=` should be used in the same call.

**file** File name in working directory, path to file (passed through `path.expand` for convenience), or a URL starting `http://`, `file://`, etc. Compressed files with extension `'.gz'` and `'.bz2'` are supported if the `R.utils` package is installed.

**text** The input data itself as a character vector of one or more lines, for example as returned by `readLines()`.

**cmd** A shell command that pre-processes the file; e.g. `fread(cmd=paste("grep", word, "filename"))`. See Details.

**sep** The separator between columns. Defaults to the character in the set `[\t | ; :]` that separates the sample of rows into the most number of lines with the same number of fields. Use `NULL` or `""` to specify no separator; i.e. each line a single character column like `base::readLines` does.

**sep2** The separator *within* columns. A list column will be returned where each cell is a vector of values. This is much faster using less working memory than `strsplit` afterwards or similar techniques. For each column `sep2` can be different and is the first character in the same set above `[\t | ; :]`, other than `sep`, that exists inside each field outside quoted regions in the sample. NB: `sep2` is not yet implemented.

**nrows** The maximum number of rows to read. Unlike `read.table`, you do not need to set this to an estimate of the number of rows in the file for better speed because that is already automatically determined by `fread` almost instantly using the large sample of lines. `nrows=0` returns the column names and typed empty columns determined by the large sample; useful for a dry run of a large file or to quickly check format consistency of a set of files before starting to read any of them.

**header** Does the first data line contain column names? Defaults according to whether every non-empty field on the first data line is type character. If so, or `TRUE` is supplied, any empty column names are given a default name.

- `na.strings` A character vector of strings which are to be interpreted as NA values. By default, ",," for columns of all types, including type character is read as NA for consistency. ",," is unambiguous and read as an empty string. To read ,NA, as NA, set `na.strings="NA"`. To read , , as blank string "", set `na.strings=NULL`. When they occur in the file, the strings in `na.strings` should not appear quoted since that is how the string literal , "NA", is distinguished from ,NA,, for example, when `na.strings="NA"`.
- `stringsAsFactors` Convert all character columns to factors?
- `verbose` Be chatty and report timings?
- `skip` If 0 (default) start on the first line and from there finds the first row with a consistent number of columns. This automatically avoids irregular header information before the column names row. `skip>0` means ignore the first `skip` rows manually. `skip="string"` searches for "string" in the file (e.g. a substring of the column names row) and starts on that line (inspired by `read.xls` in package `gdata`).
- `select` A vector of column names or numbers to keep, drop the rest. `select` may specify types too in the same way as `colClasses`; i.e., a vector of `colname=type` pairs, or a list of `type=col(s)` pairs. In all forms of `select`, the order that the columns are specified determines the order of the columns in the result.
- `drop` Vector of column names or numbers to drop, keep the rest.
- `colClasses` As in `utils::read.csv`; i.e., an unnamed vector of types corresponding to the columns in the file, or a named vector specifying types for a subset of the columns by name. The default, `NULL` means types are inferred from the data in the file. Further, `data.table` supports a named list of vectors of column names *or numbers* where the list names are the class names; see examples. The list form makes it easier to set a batch of columns to be a particular class. When column numbers are used in the list form, they refer to the column number in the file not the column number after `select` or `drop` has been applied. If type coercion results in an error, introduces NAs, or would result in loss of accuracy, the coercion attempt is aborted for that column with warning and the column's type is left unchanged. If you really desire data loss (e.g. reading 3.14 as integer) you have to truncate such columns afterwards yourself explicitly so that this is clear to future readers of your code.
- `integer64` "integer64" (default) reads columns detected as containing integers larger than  $2^{31}$  as type `bit64::integer64`. Alternatively, "double"|"numeric" reads as `utils::read.csv` does; i.e., possibly with loss of precision and if so silently. Or, "character".
- `dec` The decimal separator as in `utils::read.csv`. If not "." (default) then usually ",",. See details.
- `col.names` A vector of optional names for the variables (columns). The default is to use the header column if present or detected, or if not "V" followed by the column number. This is applied after `check.names` and before `key` and `index`.
- `check.names` default is `FALSE`. If `TRUE` then the names of the variables in the `data.table` are checked to ensure that they are syntactically valid variable

- names. If necessary they are adjusted (by `make.names`) so that they are, and also to ensure that there are no duplicates.
- encoding default is "unknown". Other possible options are "UTF-8" and "Latin-1".  
 Note: it is not used to re-encode the input, rather enables handling of encoded strings in their native encoding.
- quote By default ("\""), if a field starts with a double quote, `fread` handles embedded quotes robustly as explained under `Details`. If it fails, then another attempt is made to read the field *as is*, i.e., as if quotes are disabled. By setting `quote=""`, the field is always read as if quotes are disabled. It is not expected to ever need to pass anything other than "\" to `quote`; i.e., to turn it off.
- strip.white default is TRUE. Strips leading and trailing whitespaces of unquoted fields. If FALSE, only header trailing spaces are removed.
- fill logical (default is FALSE). If TRUE then in case the rows have unequal length, blank fields are implicitly filled.
- blank.lines.skip logical, default is FALSE. If TRUE blank lines in the input are ignored.
- key Character vector of one or more column names which is passed to `setkey`. It may be a single comma separated string such as `key="x,y,z"`, or a vector of names such as `key=c("x","y","z")`. Only valid when argument `data.table=TRUE`. Where applicable, this should refer to column names given in `col.names`.
- index Character vector or list of character vectors of one or more column names which is passed to `setindexv`. As with `key`, comma-separated notation like `index="x,y,z"` is accepted for convenience. Only valid when argument `data.table=TRUE`. Where applicable, this should refer to column names given in `col.names`.
- showProgress TRUE displays progress on the console if the ETA is greater than 3 seconds. It is produced in `fread`'s C code where the very nice (but R level) `txtProgressBar` and `tkProgressBar` are not easily available.
- data.table TRUE returns a `data.table`. FALSE returns a `data.frame`. The default for this argument can be changed with `options(datatable.fread.datatable=FALSE)`.
- nThread The number of threads to use. Experiment to see what works best for your data on your hardware.
- logical01 If TRUE a column containing only 0s and 1s will be read as logical, otherwise as integer.
- keepLeadingZeros If TRUE a column containing numeric data with leading zeros will be read as character, otherwise leading zeros will be removed and converted to numeric.
- yaml If TRUE, `fread` will attempt to parse (using `yaml.load`) the top of the input as YAML, and further to glean parameters relevant to improving the performance of `fread` on the data itself. The entire YAML section is returned as parsed into a list in the `yaml_metadata` attribute. See `Details`.
- autostart Deprecated and ignored with warning. Please use `skip` instead.
- tmpdir Directory to use as the `tmpdir` argument for any `tempfile` calls, e.g. when the input is a URL or a shell command. The default is `tempdir()`

which can be controlled by setting TMPDIR before starting the R session; see `base::tempdir`.

`tz` Relevant to datetime values which have no Z or UTC-offset at the end, i.e. *unmarked* datetime, as written by `utils::write.csv`. The default `tz="UTC"` reads unmarked datetime as UTC POSIXct efficiently. `tz=""` reads unmarked datetime as type character (slowly) so that `as.POSIXct` can interpret (slowly) the character datetimes in local timezone; e.g. by using `"POSIXct"` in `colClasses=`. Note that `fwrite()` by default writes datetime in UTC including the final Z and therefore `fwrite`'s output will be read by `fread` consistently and quickly without needing to use `tz=` or `colClasses=`. If the TZ environment variable is set to `"UTC"` (or `"` on non-Windows where unset vs `"` is significant) then the R session's timezone is already UTC and `tz=""` will result in unmarked datetimes being read as UTC POSIXct. For more information, please see the news items from v1.13.0 and v1.14.0.

### Value

a dataframe as created by `data.table::fread()`

---

cumestatsplayer	<b>Get NBA Stats API Cumulative Player Stats</b>
-----------------	--

---

### Description

**Get NBA Stats API Cumulative Player Stats**

**Get NBA Stats API Cumulative Player Stats**

### Usage

```
nba_cumestatsplayer(
  game_ids = "0022000756",
  league_id = "00",
  player_id = "1629611",
  season = "2020-21",
  season_type = "Regular Season",
  team_id = ""
)
```

### Arguments

game_ids	game_ids
league_id	league_id
player_id	player_id
season	season
season_type	season_type
team_id	team_id



**Value**

Return a named list of data frames: GameByGameStats, TotalPlayerStats

**Author(s)**

Saiem Gilani

---

cumestatsplayergames **Get NBA Stats API Cumulative Player Game Stats**

---

**Description**

**Get NBA Stats API Cumulative Player Game Stats**

**Get NBA Stats API Cumulative Player Game Stats**

**Usage**

```
nba_cumestatsplayergames(  
  league_id = "00",  
  location = "",  
  outcome = "",  
  player_id = "2544",  
  season = "2020-21",  
  season_type = "Regular Season",  
  vs_conference = "",  
  vs_division = "",  
  vs_team_id = ""  
)
```

**Arguments**

league_id	league_id
location	location
outcome	outcome
player_id	player_id
season	season
season_type	season_type
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id

**Value**

Returns a named list of data frames: CumeStatsPlayerGames

**Author(s)**

Saiem Gilani

---

`cumestatsteam`**Get NBA Stats API Cumulative Team Stats**

---

**Description****Get NBA Stats API Cumulative Team Stats****Get NBA Stats API Cumulative Team Stats****Usage**

```
nba_cumestatsteam(  
  game_ids = "0022000756",  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  team_id = ""  
)
```

**Arguments**

<code>game_ids</code>	<code>game_ids</code>
<code>league_id</code>	<code>league_id</code>
<code>season</code>	<code>season</code>
<code>season_type</code>	<code>season_type</code>
<code>team_id</code>	<code>team_id</code>

**Value**Returns a named list of data frames: `GameByGameStats`, `TotalTeamStats`**Author(s)**

Saiem Gilani

---

**cumestatsteamgames      Get NBA Stats API Cumulative Team Game Stats**

---

**Description****Get NBA Stats API Cumulative Team Game Stats****Get NBA Stats API Cumulative Team Game Stats****Usage**

```
nba_cumestatsteamgames(  
  league_id = "00",  
  location = "",  
  outcome = "",  
  season = "2020-21",  
  season_id = "",  
  season_type = "Regular Season",  
  team_id = 1610612739,  
  vs_conference = "",  
  vs_division = "",  
  vs_team_id = ""  
)
```

**Arguments**

league_id	league_id
location	location
outcome	outcome
season	season
season_id	season_id
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id

**Value**

Returns a named list of data frames: CumeStatsTeamGames

**Author(s)**

Saiem Gilani

---

dboard

## Get NBA Stats API Draft Board

---

### Description

**Get NBA Stats API Draft Board**

**Get NBA Stats API Draft Board**

### Usage

```
nba_draftboard(  
  league_id = "00",  
  college = "",  
  overall_pick = "",  
  round_pick = "",  
  round_num = "",  
  season = "2019",  
  team_id = "",  
  top_x = ""  
)
```

### Arguments

league_id	league_id
college	college
overall_pick	overall_pick
round_pick	round_pick
round_num	round_num
season	season
team_id	team_id
top_x	top_x

### Value

Returns a named list of data frames: DraftBoard

### Author(s)

Saiem Gilani

---

dcombine_anthro	<b>Get NBA Stats API Draft Combine Player Anthropological Measurements</b>
-----------------	--

---

**Description**

**Get NBA Stats API Draft Combine Player Anthropological Measurements**  
**Get NBA Stats API Draft Combine Player Anthropological Measurements**

**Usage**

```
nba_draftcombineplayeranthro(league_id = "00", season_year = "2020")
```

**Arguments**

league_id	league_id
season_year	season_year

**Value**

Returns a named list of data frames: Results

**Author(s)**

Saiem Gilani

---

dcombine_drill	<b>Get NBA Stats API Draft Combine Drill Results</b>
----------------	--

---

**Description**

**Get NBA Stats API Draft Combine Drill Results**  
**Get NBA Stats API Draft Combine Drill Results**

**Usage**

```
nba_draftcombinedrillresults(league_id = "00", season_year = "2020")
```

**Arguments**

league_id	league_id
season_year	season_year

**Value**

Returns a named list of data frames: Results

**Author(s)**

Saiem Gilani

---

**dcombine\_nsshooting    Get NBA Stats API Draft Combine Non-Stationary Shooting**

---

**Description****Get NBA Stats API Draft Combine Non-Stationary Shooting****Get NBA Stats API Draft Combine Non-Stationary Shooting****Usage**

```
nba_draftcombinenonstationaryshooting(league_id = "00", season_year = "2020")
```

**Arguments**

league_id	league_id
season_year	season_year

**Value**

Returns a named list of data frames: Results

**Author(s)**

Saiem Gilani

---

**dcombine\_sshooting    Get NBA Stats API Draft Combine - Spot Shooting**

---

**Description****Get NBA Stats API Draft Combine - Spot Shooting****Get NBA Stats API Draft Combine - Spot Shooting****Usage**

```
nba_draftcombinespotshooting(league_id = "00", season_year = "2020")
```

**Arguments**

league_id	league_id
season_year	season_year

**Value**

Returns a named list of data frames: Results

**Author(s)**

Saiem Gilani

---

dcombine_stats	<b>Get NBA Stats API Draft Combine Stats</b>
----------------	--

---

**Description**

**Get NBA Stats API Draft Combine Stats**

**Get NBA Stats API Draft Combine Stats**

**Usage**

```
nba_draftcombinestats(league_id = "00", season_year = "2020")
```

**Arguments**

league_id	league_id
season_year	season_year

**Value**

Returns a named list of data frames: DraftCombineStats

**Author(s)**

Saiem Gilani

---

defensehub	<b>Get NBA Stats API Defense Hub</b>
------------	--------------------------------------

---

**Description**

**Get NBA Stats API Defense Hub**

**Get NBA Stats API Defense Hub**

**Usage**

```
nba_defensehub(
  league_id = "00",
  game_scope = "Season",
  player_or_team = "Team",
  player_scope = "All Players",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, ,Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs

**Value**

Returns a named list of data frames: DefenseHubStat1, DefenseHubStat10, DefenseHubStat2, DefenseHubStat3, DefenseHubStat4, DefenseHubStat5, DefenseHubStat6, DefenseHubStat7, DefenseHubStat8, DefenseHubStat9

**Author(s)**

Saiem Gilani

---

espn_mbb_betting	<b>Get ESPN MBB's Betting information</b>
------------------	---

---

**Description**

**Get ESPN MBB's Betting information**

**Usage**

```
espn_mbb_betting(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

Returns a named list of data frames: pickcenter, againstTheSpread, predictor



**Examples**

```
try(espn_mbb_betting(game_id = 401256760))
```

---

espn\_mbb\_conferences    **Get ESPN conference names and IDs**

---

**Description**

**Get ESPN conference names and IDs**

**Usage**

```
espn_mbb_conferences()
```

**Value**

A conferences data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_conferences())
```

---

espn\_mbb\_game\_all    **Get ESPN men's college basketball data (Pbp, Team and Player Box)**

---

**Description**

**Get ESPN men's college basketball data (Pbp, Team and Player Box)**

**Usage**

```
espn_mbb_game_all(game_id)
```

**Arguments**

game\_id    Game ID

**Value**

A named list of data frames: Plays, Team, Player

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_game_all(game_id = 401256760))
```

---

espn\_mbb\_pbp

**Get ESPN men's college basketball PBP data**

---

**Description**

**Get ESPN men's college basketball PBP data**

**Usage**

```
espn_mbb_pbp(game_id)
```

**Arguments**

game\_id      Game ID

**Value**

A play-by-play data frame.

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_pbp(game_id = 401256760))
```

---

espn\_mbb\_player\_box    **Get ESPN men's college basketball player box scores**

---

**Description**

**Get ESPN men's college basketball player box scores**

**Usage**

```
espn_mbb_player_box(game_id)
```

**Arguments**

game\_id            Game ID

**Value**

A player boxscore data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_player_box(game_id = 401256760))
```

---

espn\_mbb\_player\_stats    **Get ESPN men's college basketball player stats data**

---

**Description**

**Get ESPN men's college basketball player stats data**

**Usage**

```
espn_mbb_player_stats(athlete_id, year, season_type = "regular", total = FALSE)
```

**Arguments**

athlete\_id        Athlete ID  
year              Year  
season\_type      (character, default: regular): Season type - regular or postseason  
total             (boolean, default: FALSE): Totals

**Value**

Returns a tibble with the player stats data

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_player_stats(athlete_id = 4433134, year = 2021))
```

---

espn_mbb_rankings	<b>Get men's college basketball AP and Coaches Poll rankings from ESPN</b>
-------------------	--

---

**Description**

**Get men's college basketball AP and Coaches Poll rankings from ESPN**

**Usage**

```
espn_mbb_rankings()
```

**Value**

Returns a tibble

**Author(s)**

Saiem Gilani

**Examples**

```
# Get current AP and Coaches Poll rankings
```

```
try(espn_mbb_rankings())
```

---

espn\_mbb\_scoreboard    **Get ESPN men's college basketball schedule for a specific year**

---

**Description**

**Get ESPN men's college basketball schedule for a specific year**

**Usage**

```
espn_mbb_scoreboard(season)
```

**Arguments**

season            Either numeric or character

**Value**

Returns a tibble

**Examples**

```
# Get schedule from date 2022-02-15  
try(espn_mbb_scoreboard (season = "20220215"))
```

---

espn\_mbb\_standings    **Get ESPN men's college basketball standings**

---

**Description**

**Get ESPN men's college basketball standings**

**Usage**

```
espn_mbb_standings(year)
```

**Arguments**

year            Either numeric or character (YYYY)

**Value**

A standings data frame

**Examples**

```
try(espn_mbb_standings(2021))
```

---

espn_mbb_teams	<b>Get ESPN men's college basketball team names and IDs</b>
----------------	---

---

**Description**

**Get ESPN men's college basketball team names and IDs**

**Usage**

```
espn_mbb_teams()
```

**Value**

A teams data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_teams())
```

---

espn_mbb_team_box	<b>Get ESPN men's college basketball team box scores</b>
-------------------	--

---

**Description**

**Get ESPN men's college basketball team box scores**

**Usage**

```
espn_mbb_team_box(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

A team boxscore data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_team_box(game_id = 401256760))
```

---

espn\_mbb\_team\_stats    **Get ESPN men's college basketball team stats data**

---

**Description**

**Get ESPN men's college basketball team stats data**

**Usage**

```
espn_mbb_team_stats(team_id, year, season_type = "regular", total = FALSE)
```

**Arguments**

team_id	Team ID
year	Year
season_type	(character, default: regular): Season type - regular or postseason
total	(boolean, default: FALSE): Totals

**Value**

Returns a tibble with the team stats data

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_mbb_team_stats(team_id = 52, year = 2020))
```

---

`espn_mbb_wp`**Men's College Basketball win probability chart data from ESPN**

---

### Description

**Men's College Basketball win probability chart data from ESPN**

### Usage

```
espn_mbb_wp(game_id)
```

### Arguments

`game_id` (*Integer* required): Game ID filter for querying a single game

### Value

`espn_mbb_wp()` - A data frame with 9 variables:

`game_id`: **character**. Referencing game ID (should be same as `game_id` from other functions).

`play_id`: **character**. Referencing play ID.

`period`: **integer**. Clock (time) left in the game.

`time_left`: **character**. Clock (time) left in the game.

`period_seconds_left`: **integer**. Seconds left in the period.

`game_seconds_left`: **integer**. Seconds left in the game.

`home_win_percentage`: **double**. The probability of the home team winning the game.

`away_win_percentage`: **double**. The probability of the away team winning the game (calculated as  $1 - \text{home\_win\_percentage} - \text{tie\_percentage}$ ).

`tie_percentage`: **double**. The probability of the game ending the final period in a tie.

### Examples

```
espn_mbb_wp(game_id = 401256760)
```



---

espn_nba_betting	<b>Get ESPN NBA's Betting information</b>
------------------	---

---

**Description**

**Get ESPN NBA's Betting information**

**Usage**

```
espn_nba_betting(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

Returns a named list of data frames: pickcenter, againstTheSpread, predictor

**Examples**

```
try(espn_nba_betting(game_id = 401283399))
```

---

espn_nba_game_all	<b>Get ESPN NBA game data (Pbp, Team and Player Box)</b>
-------------------	--

---

**Description**

**Get ESPN NBA game data (Pbp, Team and Player Box)**

**Usage**

```
espn_nba_game_all(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

A named list of data frames: Plays, Team, Player

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_game_all(game_id = 401283399))
```

---

espn\_nba\_pbp

**Get ESPN NBA PBP data**

---

**Description**

**Get ESPN NBA PBP data**

**Usage**

```
espn_nba_pbp(game_id)
```

**Arguments**

game\_id      Game ID

**Value**

A play-by-play data frame.

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_pbp(game_id = 401283399))
```

---

espn\_nba\_player\_box    **Get ESPN NBA player box scores**

---

**Description**

**Get ESPN NBA player box scores**

**Usage**

```
espn_nba_player_box(game_id)
```

**Arguments**

game\_id            Game ID

**Value**

A player boxscore data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_player_box(game_id = 401283399))
```

---

espn\_nba\_player\_stats    **Get ESPN NBA player stats data**

---

**Description**

**Get ESPN NBA player stats data**

**Usage**

```
espn_nba_player_stats(athlete_id, year, season_type = "regular", total = FALSE)
```

**Arguments**

athlete\_id        Athlete ID  
year              Year  
season\_type      (character, default: regular): Season type - regular or postseason  
total             (boolean, default: FALSE): Totals

**Value**

Returns a tibble with the player stats data

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_player_stats(athlete_id = 4433134, year = 2022))
```

---

espn\_nba\_scoreboard **Get ESPN men's NBA schedule for a specific year**

---

**Description**

**Get ESPN men's NBA schedule for a specific year**

**Usage**

```
espn_nba_scoreboard(season)
```

**Arguments**

season            Either numeric or character (YYYYMMDD)

**Value**

Returns a tibble

**Examples**

```
# Get schedule from date 2022-02-15 (returns 1000 results, max allowable.)  
try(espn_nba_scoreboard (season = "20220215"))
```

---

**espn\_nba\_standings      Get ESPN NBA's Standings**

---

**Description****Get ESPN NBA's Standings****Usage**`espn_nba_standings(year)`**Arguments**`year`                      Either numeric or character (YYYY)**Value**

A standings data frame

**Examples**

```
try(espn_nba_standings(year = 2021))
```

---

**espn\_nba\_teams              Get ESPN NBA team names and IDs**

---

**Description****Get ESPN NBA team names and IDs****Usage**`espn_nba_teams()`**Value**

A teams data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_teams())
```

---

espn_nba_team_box	<b>Get ESPN NBA team box scores</b>
-------------------	-------------------------------------

---

**Description**

**Get ESPN NBA team box scores**

**Usage**

```
espn_nba_team_box(game_id)
```

**Arguments**

game_id	Game ID
---------	---------

**Value**

A team boxscore data frame

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_team_box(game_id = 401283399))
```

---

espn\_nba\_team\_stats      **Get ESPN NBA team stats data**

---

**Description**

**Get ESPN NBA team stats data**

**Usage**

```
espn_nba_team_stats(team_id, year, season_type = "regular", total = FALSE)
```

**Arguments**

team_id	Team ID
year	Year
season_type	(character, default: regular): Season type - regular or postseason
total	(boolean, default: FALSE): Totals

**Value**

Returns a tibble with the team stats data

**Author(s)**

Saiem Gilani

**Examples**

```
try(espn_nba_team_stats(team_id = 18, year = 2020))
```

---

espn\_nba\_wp      **Get NBA win probability chart data from ESPN**

---

**Description**

**Get NBA win probability chart data from ESPN**

**Usage**

```
espn_nba_wp(game_id)
```

**Arguments**

game_id	(Integer required): Game ID filter for querying a single game
---------	---

**Value**

`espn_nba_wp()` - A data frame with 21 variables:

col_name	types
game_id	numeric
play_id	character
home_win_percentage	numeric
away_win_percentage	numeric
tie_percentage	numeric
sequence_number	character
text	character
away_score	integer
home_score	integer
scoring_play	logical
score_value	integer
participants	list
shooting_play	logical
type_id	character
type_text	character
period_number	integer
period_display_value	character
clock_display_value	character
team_id	character
coordinate_x	integer
coordinate_y	integer

**Examples**

```
espn_nba_wp(game_id = 401283399)
```

---

 fantasywidget

**Get NBA Stats API Fantasy Widget**


---

**Description**

**Get NBA Stats API Fantasy Widget**

**Get NBA Stats API Fantasy Widget**

**Usage**

```
nba_fantasywidget(
  active_players = "N",
```



```

    date_from = "",
    date_to = "",
    last_n_games = 0,
    league_id = "00",
    location = "",
    month = "",
    opponent_team_id = "",
    po_round = "",
    player_id = "",
    position = "",
    season = "2019-20",
    season_segment = "",
    season_type = "Regular Season",
    team_id = "",
    todays_opponent = 0,
    todays_players = "N",
    vs_conference = "",
    vs_division = ""
)

```

### Arguments

active_players	active_players
date_from	date_from date_from
date_to	date_to date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
po_round	po_round
player_id	player_id
position	position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
todays_opponent	todays_opponent
todays_players	todays_players
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: FantasyWidgetResult

**Author(s)**

Saiem Gilani

---

franchisehistory	<b>Get NBA Stats API Franchise History</b>
------------------	--

---

**Description**

**Get NBA Stats API Franchise History**

**Get NBA Stats API Franchise History**

**Usage**

```
nba_franchisehistory(league_id = "00")
```

**Arguments**

league_id	league_id
-----------	-----------

**Value**

Returns a named list of data frames: DefunctTeams, FranchiseHistory

**Author(s)**

Saiem Gilani

---

franchiseleaders	<b>Get NBA Stats API Franchise Leaders</b>
------------------	--

---

**Description**

**Get NBA Stats API Franchise Leaders**

**Get NBA Stats API Franchise Leaders**

**Usage**

```
nba_franchiseleaders(league_id = "00", team_id = "1610612739")
```

**Arguments**

league_id	league_id
team_id	team_id

**Value**

Returns a named list of data frames: FranchiseLeaders

**Author(s)**

Saiem Gilani

---

franchiseplayers	<b>Get NBA Stats API Franchise Players</b>
------------------	--

---

**Description**

**Get NBA Stats API Franchise Players**

**Get NBA Stats API Franchise Players**

**Usage**

```
nba_franchiseplayers(  
  league_id = "00",  
  per_mode = "Totals",  
  season_type = "Regular Season",  
  team_id = "1610612739"  
)
```

**Arguments**

league_id	league_id
per_mode	per_mode
season_type	season_type
team_id	team_id

**Value**

Returns a named list of data frames: FranchisePlayers

**Author(s)**

Saiem Gilani

---

game_rotation	<b>Get NBA Stats API Game Rotation</b>
---------------	--

---

**Description****Get NBA Stats API Game Rotation****Get NBA Stats API Game Rotation****Usage**

```
nba_gamerotation(game_id, league_id = "00", rotation_stat = "PLAYER_PTS")
```

**Arguments**

game_id	Game ID
league_id	League ID
rotation_stat	Rotation stat to provide details on: PLAYER_PTS, PT_DIFF, USG_PCT

**Value**

Returns a named list of data frames: AwayTeam, HomeTeam

**Author(s)**

Saiem Gilani

---

gl_bs_similarity	<b>Get NBA Stats API G-League Alum Boxscore Similarity Score</b>
------------------	--

---

**Description****Get NBA Stats API G-League Alum Boxscore Similarity Score****Get NBA Stats API G-League Alum Boxscore Similarity Score****Usage**

```
nba_glalumboxscoresimilarityscore(
  person_1_id,
  person_1_league_id,
  person_1_season,
  person_1_season_type,
  person_2_id,
  person_2_league_id,
  person_2_season,
  person_2_season_type
)
```

**Arguments**

```
person_1_id    person_1_id
person_1_league_id
                person_1_league_id
person_1_season
                person_1_season
person_1_season_type
                person_1_season_type
person_2_id    person_2_id
person_2_league_id
                person_2_league_id
person_2_season
                person_2_season
person_2_season_type
                person_2_season_type
```

**Value**

Returns a named list of data frames: GLeagueAlumBoxScoreSimilarityScores

**Author(s)**

Saiem Gilani

---

homepageleaders

**Get NBA Stats API Homepage Leaders**

---

**Description**

**Get NBA Stats API Homepage Leaders**

**Get NBA Stats API Homepage Leaders**

**Usage**

```
nba_homepageleaders(  
  league_id = "00",  
  game_scope = "Season",  
  player_or_team = "Team",  
  player_scope = "All Players",  
  season = "2020-21",  
  season_type = "Regular Season",  
  stat_category = "Points"  
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat_category	Stat Category: Points, Rebounds, Assists, Defense, Clutch, Playmaking, Efficiency, Fast Break, Scoring Breakdown

**Value**

Returns a named list of data frames: HomePageLeaders, LeagueAverage, LeagueMax

**Author(s)**

Saiem Gilani

---

homepagev2

**Get NBA Stats API HomepageV2 Leaders**

---

**Description**

**Get NBA Stats API HomepageV2 Leaders**

**Get NBA Stats API HomepageV2 Leaders**

**Usage**

```
nba_homepagev2(
  league_id = "00",
  game_scope = "Season",
  player_or_team = "Team",
  player_scope = "All Players",
  season = "2020-21",
  season_type = "Regular Season",
  stat_type = "Traditional"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies

season            Season - format 2020-21  
season\_type      Season Type - Regular Season, Playoffs  
stat\_type        Stat Type - Traditional, Advanced, Tracking

**Value**

Returns a named list of data frames: HomePageStat1, HomePageStat2, HomePageStat3, HomePageStat4, HomePageStat5, HomePageStat6, HomePageStat7, HomePageStat8

**Author(s)**

Saiem Gilani

---

*hustle\_bs*                      **Get NBA Stats API Hustle Stats Boxscore**

---

**Description**

**Get NBA Stats API Hustle Stats Boxscore**  
**Get NBA Stats API Hustle Stats Boxscore**

**Usage**

nba\_hustlestatsboxscore(game\_id)

**Arguments**

game\_id            Game ID

**Value**

Returns a named list of data frames: HustleStatsAvailable, PlayerStats, TeamStats

**Author(s)**

Saiem Gilani

hustle\_p

**Get NBA Stats API League Hustle Stats Player****Description****Get NBA Stats API League Hustle Stats Player****Get NBA Stats API League Hustle Stats Player****Usage**

```

nba_leaguehustlestatsplayer(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

college	college
conference	conference
country	country
date_from	date_from



date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: HustleStatsPlayer

**Author(s)**

Saiem Gilani

hustle\_pl

**Get NBA Stats API League Hustle Stats Player Leaders****Description****Get NBA Stats API League Hustle Stats Player Leaders****Get NBA Stats API League Hustle Stats Player Leaders****Usage**

```

nba_leaguehustlestatsplayerleaders(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: PlayerChargesDrawnLeaders, PlayerContestedShotsLeaders, PlayerDeflectionsLeaders, PlayerLooseBallLeaders, PlayerScreenAssistLeaders, Table5

**Author(s)**

Saiem Gilani

hustle\_t

**Get NBA Stats API League Hustle Stats Team****Description****Get NBA Stats API League Hustle Stats Team****Get NBA Stats API League Hustle Stats Team****Usage**

```

nba_leaguehustlestatsteam(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: HustleStatsTeam

**Author(s)**

Saiem Gilani

hustle\_tl

**Get NBA Stats API League Hustle Stats Team Leaders****Description****Get NBA Stats API League Hustle Stats Team Leaders****Get NBA Stats API League Hustle Stats Team Leaders****Usage**

```

nba_leaguehustlestatsteamleaders(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  player_experience = "",
  player_position = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: Table5, Table6, TeamChargesDrawnLeaders, TeamContested-ShotsLeaders, TeamDeflectionsLeaders, TeamLooseBallLeaders, TeamScreenAssistLeaders

**Author(s)**

Saiem Gilani

---

kp\_arenas

### Get Home Court Arenas

---

#### Description

##### Get Home Court Arenas

#### Usage

```
kp_arenas(year = most_recent_mbb_season())
```

#### Arguments

year                   Year of data to pull

#### Value

A data frame with 6 columns:

Rk double.

Team character.

Conf character.

Arena character.

Alternate character.

Year double.

#### Examples

```
try(kp_arenas(year=2021))
```

---

kp\_box

### Get KenPom Game Box Score

---

#### Description

##### Get KenPom Game Box Score

#### Usage

```
kp_box(game_id, year)
```



**Arguments**

game\_id      Game id of game to pull  
year          Year of game to pull

**Value**

Returns a tibble of game box scores

**Examples**

```
try(kp_box(game_id = 6, year = 2021))
```

---

kp\_coach\_history      **Get KenPom's coaching resume data**

---

**Description**

**Get KenPom's coaching resume data**

**Usage**

```
kp_coach_history(coach)
```

**Arguments**

coach          Coach filter to select.

**Value**

A data frame with 30 columns:

- Year double.
- Team.Rk double.
- Team character.
- Coach character.
- Conf character.
- W-L character.
- AdjT double.
- AdjO double.
- AdjD double.
- Off.eFG.Pct double.
- Off.TO.Pct double.

Off.OR.Pct double.  
 Off.FTRate double.  
 Off.FG\_2.Pct double.  
 Off.FG\_3.Pct double.  
 Off.FT.Pct double.  
 Off.FG\_3A.Pct double.  
 Off.A.Pct double.  
 Off.APL double.  
 Def.eFG.Pct double.  
 Def.TO.Pct double.  
 Def.OR.Pct double.  
 Def.FTRate double.  
 Def.FG\_2.Pct double.  
 Def.FG\_3.Pct double.  
 Def.Blk.Pct double.  
 Def.FG\_3A.Pct double.  
 Def.A.Pct double.  
 Def.AP double.  
 Foul2Partic.Pct double.

## Examples

```
try(kp_coach_history(coach = 'Leonard Hamilton'))
```

---

kp\_conf

**Get KenPom's conference-wide stats**

---

## Description

**Get KenPom's conference-wide stats**

## Usage

```
kp_conf(year, conf)
```

**Arguments**

year	Year (YYYY)
conf	Used to limit to players in a specific conference. Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'. If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.

**Value**

A list of 7 dataframes accessible via `[[1]], [[2]], ..., [[7]]`

First data frame, accessible via `[[1]]`

A data frame with 15 columns:

Team character.

Overall character.

Conf character.

AdjEM double.

AdjEM.Rk double.

AdjO double.

AdjO.Rk double.

AdjD double.

AdjD.Rk double.

AdjT double.

AdjT.Rk double.

ConfSOS double.

ConfSOS.Rk double.

NextGame character.

Year character.

Second data frame, accessible via `[[2]]`

A data frame with 20 columns:

Team character.

OE double.

OE.Rk double.

eFG.Pct double.

eFG.Pct.Rk double.  
TO.Pct double.  
TO.Pct.Rk double.  
OR.Pct double.  
OR.Pct.Rk double.  
FTR double.  
FTR.Rk double.  
FG2.Pct double.  
FG2.Pct.Rk double.  
FG3.Pct double.  
FG3.Pct.Rk double.  
FT.Pct double.  
FT.Pct.Rk double.  
Tempo double.  
Tempo.Rk double.  
Year character.

Third data frame, accessible via [[3]]

A data frame with 20 columns:

Team character.  
DE double.  
DE.Rk double.  
eFG.Pct double.  
eFG.Pct.Rk double.  
TO.Pct double.  
TO.Pct.Rk double.  
OR.Pct double.  
OR.Pct.Rk double.  
FTR double.  
FTR.Rk double.  
FG2.Pct double.  
FG2.Pct.Rk double.  
FG3.Pct double.  
FG3.Pct.Rk double.  
Blk.Pct double.  
Blk.Pct.Rk double.  
St1.Pct double.  
St1.Pct.Rk double.

Year character.

Fourth data frame, accessible via `[[4]]`  
A data frame with 3 columns:

Rk integer.

Player character.

Year character.

Fifth data frame, accessible via `[[5]]`  
A data frame with 4 columns:

Stat character.

Value double.

Rk double.

Year character.

Sixth data frame, accessible via `[[6]]`  
A data frame with 5 columns:

Stat character.

Count character.

Value double.

Rk double.

Year character.

Seventh data frame, accessible via `[[7]]`  
A data frame 4 columns:

Rk double.

Conference character.

Rating double.

Year character.

## **Examples**

```
try(kp_conf(year = 2020, conf = 'ACC'))
```

kp\_confhistory

**Get KenPom's historical conference ratings****Description****Get KenPom's historical conference ratings****Usage**

kp\_confhistory(conf)

**Arguments**

conf            Used to limit to players in a specific conference.  
 Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'.

If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.

**Value**

A data frame with 23 columns:

- Year- *integer*
- Rank- *character*
- Tempo- *double*
- Efficiency- *double*
- eFG.Pct- *double*
- T0.Pct- *double*
- OR.Pct- *double*
- FTR- *double*
- FG2.Pct- *double*
- FG3.Pct- *double*
- FT.Pct- *double*
- FG3A.Pct- *double*
- A.Pct- *double*
- Blk.Pct- *double*
- Stl.Pct- *double*
- HomeRecord- *character*

- Bids- *character*
- S16- *character*
- F4- *character*
- CH- *character*
- RegSeasonChamp- *character*
- TourneyChamp- *character*
- BestTeam- *character*

## Examples

```
try(kp_confhistory(conf = 'ACC'))
```

---

kp\_confstats

**Get KenPom's conference comparison stats**

---

## Description

**Get KenPom's conference comparison stats**

## Usage

```
kp_confstats(year = most_recent_mbb_season())
```

## Arguments

year                   Year (YYYY)

## Value

A data frame with 35 columns:

- Confcharacter.
- Effdouble.
- Eff.Rkdouble.
- Tempodouble.
- Tempo.Rkdouble.
- eFG.Pctdouble.
- eFG.Pct.Rkdouble.
- TO.Pctdouble.
- TO.Pct.Rkdouble.
- OR.Pctdouble.

- OR.Pct.Rkdouble.
- FTRatedouble.
- FTRate.Rkdouble.
- Blk.Pctdouble.
- Blk.Pct.Rkdouble.
- Stl.Pctdouble.
- Stl.Pct.Rkdouble.
- FG\_2.Pctdouble.
- FG\_2.Pct.Rkdouble.
- FG\_3.Pctdouble.
- FG\_3.Pct.Rkdouble.
- FT.Pctdouble.
- FT.Pct.Rkdouble.
- FG\_3A.Pctdouble.
- FG\_3A.Pct.Rkdouble.
- A.Pctdouble.
- A.Pct.Rkdouble.
- HomeWLcharacter.
- HomeWL.Pctdouble.
- HomeWL.Rkdouble.
- Closedouble.
- Close.Rkdouble.
- Blowoutsdouble.
- Blowouts.Rkdouble.
- Yearcharacter.

### Examples

```
try(kp_confstats(year=most_recent_mbb_season()))
```



---

kp_efficiency	<b>Get KenPom Efficiency and Tempo Summary</b>
---------------	--

---

**Description****Get KenPom Efficiency and Tempo Summary****Usage**

```
kp_efficiency(min_year, max_year = most_recent_mbb_season())
```

**Arguments**

min_year	First year of data to pull
max_year	Last year of data to pull

**Value**

Returns a tibble of efficiency and tempo ratings

**Examples**

```
try(kp_efficiency(min_year = 2020, max_year = 2021))
```

---

kp_fanmatch	<b>Get FanMatch by date</b>
-------------	-----------------------------

---

**Description****Get FanMatch by date****Usage**

```
kp_fanmatch(date = "2022-02-22")
```

**Arguments**

date	Date of games to pull (YYYY-MM-DD)
------	------------------------------------

**Value**

A data frame 20 columns:

col_name	types
prediction	character
time_et	character
location	character
thrill_score	numeric
comeback	numeric
excitement	numeric
road_rk	numeric
road_team	character
home_rk	numeric
home_team	character
win_rk	numeric
win_team	character
win_score	numeric
loss_rk	numeric
loss_team	character
loss_score	numeric
poss	numeric
mvp	character
event	character
date	character

**Examples**

```
try(kp_fanmatch(date="2022-02-22"))
```

---

kp_foul_trouble	<b>Get 2-Foul Participation Stats</b>
-----------------	---------------------------------------

---

**Description****Get 2-Foul Participation Stats****Usage**

```
kp_foul_trouble(min_year, max_year = most_recent_mbb_season())
```

**Arguments**

min_year	First year of data to pull
max_year	Last year of data to pull

**Value**

Returns a tibble of foul participation stats

**Examples**

```
try(kp_foul_trouble(min_year = 2020, max_year = most_recent_mbb_season()))
```

---

kp\_fourfactors

**Get Four Factors Data**

---

**Description**

**Get Four Factors Data**

**Usage**

```
kp_fourfactors(min_year, max_year = most_recent_mbb_season())
```

**Arguments**

min\_year      First year of data to pull

max\_year      Last year of data to pull

**Value**

Returns a tibble of four factors ratings

**Examples**

```
try(kp_fourfactors(min_year = 2020, max_year = 2021))
```

---

`kp_gameplan`**Get KenPom's team game plan page**

---

**Description**

**Get KenPom's team game plan page**

**Usage**

```
kp_gameplan(team, year = 2021)
```

**Arguments**

<code>team</code>	Team filter to select.
<code>year</code>	Year of data to pull

**Value**

Returns a tibble of team game plans

**Examples**

```
try(kp_gameplan(team='Florida St.', year=2021))
```

---

`kp_game_attrs`**Get Game Attributes**

---

**Description**

**Get Game Attributes**

**Usage**

```
kp_game_attrs(year = most_recent_mbb_season(), attr = "Excitement")
```

**Arguments**

<code>year</code>	Year of data to pull
<code>attr</code>	Game Attribute, valid values include: 'Excitement', 'Tension', 'Dominance', 'MinWp', 'FanMatch', 'Upsets', 'Busts', 'Comeback', 'Window'

**Value**

Returns a tibble with game attributes

**Examples**

```
try(kp_game_attrs(year=2021, attr = "Excitement"))
```

---

kp\_hca

**Get Home Court Advantage Estimates**

---

**Description**

**Get Home Court Advantage Estimates**

**Usage**

```
kp_hca()
```

**Value**

A data frame with 14 columns:

- Team character.
- Conf character.
- HCA double.
- HCA.Rk double.
- PF double.
- PF.Rk double.
- Pts double.
- Pts.Rk double.
- NST double.
- NST.Rk double.
- Blk double.
- Blk.Rk double.
- Elev double.
- Elev.Rk double.

**Examples**

```
try(kp_hca())
```

---

`kp_height`**Get Heights, Experience, Bench and Continuity Data**

---

**Description****Get Heights, Experience, Bench and Continuity Data****Usage**

```
kp_height(min_year, max_year = most_recent_mbb_season())
```

**Arguments**

<code>min_year</code>	First year of data to pull
<code>max_year</code>	Last year of data to pull

**Value**

Returns a tibble of heights

**Examples**

```
try(kp_height(min_year = 2020, max_year = 2021))
```

---

`kp_kpoy`**Get KPoY Leaders Tables**

---

**Description****Get KPoY Leaders Tables****Usage**

```
kp_kpoy(year = most_recent_mbb_season())
```

**Arguments**

<code>year</code>	Year of data to pull (earliest year of data available: 2011)
-------------------	--

**Value**

Returns a list of tibbles: "kPoY Rating", "Game MVP Leaders"

### Examples

```
try(kp_kpoy(year=2021))
```

---

kp\_minutes\_matrix      **Get Minutes Matrix from Expanded Player Page**

---

### Description

**Get Minutes Matrix from Expanded Player Page**

### Usage

```
kp_minutes_matrix(team, year = 2021)
```

### Arguments

team	Team filter to select.
year	Year of data to pull

### Value

Returns a tibble of minutes matrix data

### Examples

```
try(kp_minutes_matrix(team = 'Florida St.', year = 2021))
```

---

kp\_officials      **Get officials rankings**

---

### Description

**Get officials rankings**

### Usage

```
kp_officials(year = most_recent_mbb_season())
```

**Arguments**

year                    Year of data to pull

**Value**

A data frame with 7 columns:

Rk integer.

OfficialName character.

RefRating double.

Gms double.

Last.Game character.

Last.Game.1 character.

Year double.

**Examples**

```
try(kp_officials(year = 2021))
```

---

kp\_opptracker

**Get KenPom's team opponent tracker page**

---

**Description**

**Get KenPom's team opponent tracker page**

**Usage**

```
kp_opptracker(team, year = 2021)
```

**Arguments**

team                    Team filter to select.

year                    Year of data to pull

**Value**

Returns a tibble of team opponent tracker data

**Examples**

```
try(kp_opptracker(team = 'Florida St.', year = 2021))
```



---

kp\_playerstats                      **Get Player Stats Leaders by Metric**

---

**Description****Get Player Stats Leaders by Metric****Usage**

```
kp_playerstats(
  metric = "eFG",
  conf = NULL,
  conf_only = FALSE,
  year = most_recent_mbb_season()
)
```

**Arguments**

metric	Used to get leaders for different metrics. Available values are: 'ORtg', 'Min', 'eFG', 'Poss', 'Shots', 'OR', 'DR', 'TO', 'ARate', 'Blk', 'FTRate', 'Stl', 'TS', 'FC40', 'FD40', '2P', '3P', 'FT'. Default is 'eFG'. 'ORtg' returns a list of four dataframes, as there are four tables: players that used more than 28 percent of possessions, more than 24 percent of possessions, more than 20 percent of possessions, and with no possession restriction.
conf	Used to limit to players in a specific conference. Allowed values are: 'A10', 'ACC', 'AE', 'AMER', 'ASUN', 'B10', 'B12', 'BE', 'BSKY', 'BSTH', 'BW', 'CAA', 'CUSA', 'HORZ', 'IND', 'IVY', 'MAAC', 'MAC', 'MEAC', 'MVC', 'MWC', 'NEC', 'OVC', 'P12', 'PAT', 'SB', 'SC', 'SEC', 'SLND', 'SUM', 'SWAC', 'WAC', 'WCC'. If you try to use a conference that doesn't exist for a given season, like 'IND' and '2018', you'll get an empty table, as kenpom.com doesn't serve 404 pages for invalid table queries like that. No filter applied by default.
conf_only	Used to define whether stats should reflect conference games only. Only available if specific conference is defined. Only available for season after 2013, FALSE by default.
year	Year of data to pull (earliest year of data available: 2004)

**Value**

Returns a tibble of player stats

## Examples

```
try(kp_playerstats(metric = 'eFG', conf_only = FALSE, year=2021))
```

---

kp_player_career	<b>Get KenPom's player career stats from the player page</b>
------------------	--

---

## Description

**Get KenPom's player career stats from the player page**

## Usage

```
kp_player_career(player_id)
```

## Arguments

player\_id      Player Id filter to select.

## Value

Returns a tibble of team player career stats

## Examples

```
try(kp_player_career(player_id = '41180'))
```

---

kp_pointdist	<b>Get Team Points Distribution</b>
--------------	-------------------------------------

---

## Description

**Get Team Points Distribution**

## Usage

```
kp_pointdist(min_year, max_year = most_recent_mbb_season())
```

## Arguments

min\_year      First year of data to pull  
max\_year      Last year of data to pull

**Value**

Returns a tibble of team points distributions

**Examples**

```
try(kp_pointdist(min_year = 2020, max_year = 2021))
```

---

kp\_pomeroy\_archive\_ratings

**Get KenPom's ratings archive pages**

---

**Description**

**Get KenPom's ratings archive pages**

**Usage**

```
kp_pomeroy_archive_ratings(date)
```

**Arguments**

date                    Date (YYYY-MM-DD)

**Value**

A data frame with 22 columns:

AdjEM.Rk double.

Team character.

Conf character.

AdjEM double.

AdjO double.

AdjO.Rk double.

AdjD double.

AdjD.Rk double.

AdjT double.

AdjT.Rk double.

Final.Rk double.

Final.AdjEM double.

Final.AdjO double.

Final.AdjO.Rk double.

Final.AdjD double.  
Final.AdjD.Rk double.  
Final.AdjT double.  
Final.AdjT.Rk double.  
Rk.Chg double.  
EM.Chg double.  
AdjT.Chg double.  
NCAA\_Seed double.

### Examples

```
try(kp_pomeroy_archive_ratings(date='2018-11-22'))
```

---

kp\_pomeroy\_ratings      **Get KenPom Ratings**

---

### Description

#### **Get KenPom Ratings**

### Usage

```
kp_pomeroy_ratings(min_year, max_year = most_recent_mbb_season())
```

### Arguments

min\_year            First year of data to pull  
max\_year            Last year of data to pull

### Value

Returns a tibble of ratings

### Examples

```
try(kp_pomeroy_ratings(min_year = 2020, max_year = 2021))
```

---

`kp_program_ratings`      **Get KenPom's program ratings**

---

**Description**

**Get KenPom's program ratings**

**Usage**

```
kp_program_ratings()
```

**Value**

A data frame with 17 columns:

Rk double.

Team character.

Conf character.

Rtg double.

Best.Rk double.

Best.Yr double.

Worst.Rk double.

Worst.Yr double.

KP.Median double.

Top10 double.

Top25 double.

Top50 double.

CH double.

F4 double.

S16 double.

R1 double.

Chg double.

**Examples**

```
try(kp_program_ratings())
```

---

kp\_referee

**Get referee game log**

---

**Description**

**Get referee game log**

**Usage**

```
kp_referee(referee, year)
```

**Arguments**

referee	Referee ID
year	Year of data to pull

**Value**

A data frame with 11 columns:

game\_number integer.

date character.

time\_et) character.

game character.

location character.

venue character.

conference character.

thrill\_score double.

referee\_name character.

ref\_rank integer.

year integer.

**Examples**

```
try(kp_referee(referee = 714363, year = 2021))
```

---

**kp\_teamstats      Get Team Stats**

---

**Description****Get Team Stats****Usage**

```
kp_teamstats(min_year, max_year = most_recent_mbb_season())
```

**Arguments**

min_year	First year of data to pull
max_year	Last year of data to pull

**Value**

Returns a tibble of team stats

**Examples**

```
try(kp_teamstats(min_year = 2019, max_year =2021))
```

---

**kp\_team\_depth\_chart      Get Depth Chart Last 5 Games from Team Page**

---

**Description****Get Depth Chart Last 5 Games from Team Page****Usage**

```
kp_team_depth_chart(team, year = 2021)
```

**Arguments**

team	Team filter to select.
year	Year of data to pull

**Value**

A data frame with 12 columns:

PG character. DESCRIPTION.  
PG.Minpct character. DESCRIPTION.  
SG character. DESCRIPTION.  
SG.Minpct character. DESCRIPTION.  
SF character. DESCRIPTION.  
SF.Minpct character. DESCRIPTION.  
PF character. DESCRIPTION.  
PF.Minpct character. DESCRIPTION.  
C character. DESCRIPTION.  
C.Minpct character. DESCRIPTION.  
Team character. DESCRIPTION.  
Year double. DESCRIPTION.

**Examples**

```
try(kp_team_depth_chart(team = 'Florida St.', year= 2021))
```

---

kp\_team\_history

**Get KenPom's team efficiency history**

---

**Description**

**Get KenPom's team efficiency history**

**Usage**

```
kp_team_history(team)
```

**Arguments**

team            Team filter to select.



**Value**

A data frame with 30 columns:

- Year double.
- Team.Rk double.
- Team character.
- Coach character.
- Conf character.
- W-L character.
- AdjT double.
- AdjO double.
- AdjD double.
- Off.eFG.Pct double.
- Off.TO.Pct double.
- Off.OR.Pct double.
- Off.FTRate double.
- Off.FG\_2.Pct double.
- Off.FG\_3.Pct double.
- Off.FT.Pct double.
- Off.FG\_3A.Pct double.
- Off.A.Pct double.
- Off.APL double.
- Def.eFG.Pct double.
- Def.TO.Pct double.
- Def.OR.Pct double.
- Def.FTRate double.
- Def.FG\_2.Pct double.
- Def.FG\_3.Pct double.
- Def.Blk.Pct double.
- Def.FG\_3A.Pct double.
- Def.A.Pct double.
- Def.AP double.
- Foul2Partic.Pct double.

**Examples**

```
try(kp_team_history(team = 'Florida St.'))
```

---

`kp_team_lineups`**Get Lineups Last 5 Games from Team Page**

---

**Description****Get Lineups Last 5 Games from Team Page****Usage**

```
kp_team_lineups(team, year = 2021)
```

**Arguments**

<code>team</code>	Team filter to select.
<code>year</code>	Year of data to pull

**Value**

A data frame with 9 columns:

Rk character. DESCRIPTION.

PG character. DESCRIPTION.

SG character. DESCRIPTION.

SF character. DESCRIPTION.

PF character. DESCRIPTION.

C character. DESCRIPTION.

Minpct character. DESCRIPTION.

Team character. DESCRIPTION.

Year double. DESCRIPTION.

**Examples**

```
try(kp_team_lineups(team = 'Florida St.', year = 2021))
```

---

kp\_team\_players      **Get KenPom's player stats from the team page**

---

**Description**

**Get KenPom's player stats from the team page**

**Usage**

```
kp_team_players(team, year = 2021)
```

**Arguments**

team	Team filter to select.
year	Year of data to pull

**Value**

Returns a tibble of team player data

**Examples**

```
try(kp_team_players(team = 'Florida St.', year = 2021))
```

---

kp\_team\_player\_stats      **Get Team Player Stats**

---

**Description**

**Get Team Player Stats**

**Usage**

```
kp_team_player_stats(team, year = 2021)
```

**Arguments**

team	Team filter to select.
year	Year of data to pull

**Value**

Returns a tibble of team player stats data

## Examples

```
try(kp_team_player_stats(team = 'Florida St.', year = 2021))
```

---

kp\_team\_schedule      **Get team schedule results**

---

## Description

**Get team schedule results**

## Usage

```
kp_team_schedule(team, year = 2022)
```

## Arguments

team	Team filter to select.
year	Year of data to pull

## Value

Returns a tibble of team schedules

## Examples

```
try(kp_team_schedule(team = 'Florida St.', year = 2022))
```

---

kp\_trends      **Get Division-I statistical trends**

---

## Description

**Get Division-I statistical trends**

## Usage

```
kp_trends()
```

**Value**

A data frame with 19 columns:

Season double.

Efficiency double.

Tempo double.

eFG.Pct double.

TO.Pct double.

OR.Pct double.

FTRate double.

FG\_2.Pct double.

FG\_3.Pct double.

FG\_3A.Pct double.

FT.Pct double.

A.Pct double.

Blk.Pct double.

Stl.Pct double.

NonStl.Pct double.

AvgHgt double.

Continuity double.

HomeWin.Pct double.

PPG double.

**Examples**

```
try(kp_trends())
```

---

kp\_user\_pw

**KenPom Login and Password credentials**

---

**Description**

Save your KenPom login e-mail and password as the system environment variables KP\_USER and KP\_PW

Requires a subscription to KenPom.com

**Usage**

```
login(user_email = Sys.getenv("KP_USER"), user_pw = Sys.getenv("KP_PW"))
kp_user_email()
kp_password()
has_kp_user_and_pw()
```

**Arguments**

user_email	User subscription e-mail
user_pw	User subscription password

**Details****Using your KenPom subscription with the package:**

Run `usethis::edit_r_environ()` and THEN paste the following in the new script that pops up (without quotations)

```
KP_USER = YOUR-EMAIL@DOMAIN.COM
KP_PW = XXX-YOUR-PASSWORD-XXX
```

You can save the login information for consistent usage by adding

```
KP_USER = YOUR-EMAIL@DOMAIN.COM
KP_PW = XXX-YOUR-PASSWORD-XXX
```

```

to your `.R Environ` file (easily accessed via `[**`usethis::edit_r_environ()`**]` (<https://usethis.r-lib.org/>))

```
\cr
```

For less consistent usage:\cr

At the beginning of every session or within an R environment, save your login e-mail and password as the e

```
```{r}
```

```
Sys.setenv(KP_USER = "YOUR-EMAIL@DOMAIN.COM")
Sys.setenv(KP_PW = "XXX-YOUR-PASSWORD-XXX")
```

---

kp_winprob	<b>Get KenPom Win Probability</b>
------------	-----------------------------------

---

**Description****Get KenPom Win Probability****Usage**

```
kp_winprob(game_id, year)
```

**Arguments**

game_id	Game id of game to pull
year	Year of game to pull

**Value**

Returns a tibble of game win probabilities

**Examples**

```
try(kp_winprob(game_id = 1238, year = 2020))
```

---

ld_oppptshot	<b>Get NBA Stats API League Dashboard Player Tracking - Opponent Shots</b>
--------------	--

---

**Description****Get NBA Stats API League Dashboard Player Tracking - Opponent Shots****Get NBA Stats API League Dashboard Player Tracking - Opponent Shots****Usage**

```
nba_leaguedashoppptshot(
  close_def_dist_range = "",
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  dribble_range = "",
  game_segment = "",
  general_range = "",
```

```

last_n_games = 0,
league_id = "00",
location = "",
measure_type = "Base",
month = 0,
opponent_team_id = 0,
outcome = "",
po_round = "",
pace_adjust = "N",
per_mode = "Totals",
period = 0,
plus_minus = "N",
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
shot_dist_range = "",
team_id = "",
touch_time_range = "",
vs_conference = "",
vs_division = ""
)

```

### Arguments

close_def_dist_range	close_def_dist_range
conference	conference
date_from	date_from
date_to	date_to
division	division
dribble_range	dribble_range
game_segment	game_segment
general_range	general_range
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round



pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
shot_dist_range	shot_dist_range
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: LeagueDashPTShots

**Author(s)**

Saiem Gilani

---

 Id\_pbiostats

 Get NBA Stats API League Dashboard Player Biographical Stats
 

---

**Description**

**Get NBA Stats API League Dashboard Player Biographical Stats**

**Get NBA Stats API League Dashboard Player Biographical Stats**

**Usage**

```
nba_leaguedashplayerbiostats(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
```

```

draft_pick = "",
draft_year = "",
game_segment = "",
game_scope = "",
height = "",
last_n_games = 0,
league_id = "00",
location = "",
month = 0,
opponent_team_id = 0,
outcome = "",
po_round = "",
per_mode = "Totals",
period = "",
player_experience = "",
player_position = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
starter_bench = "",
team_id = "",
touch_time_range = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

### Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_segment	game_segment
game_scope	game_scope
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month

opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: LeagueDashPlayerBioStats

**Author(s)**

Saiem Gilani

---

 Id\_pclutch

 Get NBA Stats API League Dashboard by Player Clutch Splits
 

---

**Description**

**Get NBA Stats API League Dashboard by Player Clutch Splits**

**Get NBA Stats API League Dashboard by Player Clutch Splits**

**Usage**

```

nba_leaguedashplayerclutch(
  ahead_behind = "Ahead or Behind",
  clutch_time = "Last 5 Minutes",
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_scope = "",
  game_segment = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  point_diff = 5,
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  touch_time_range = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

ahead_behind	ahead_behind
clutch_time	clutch_time
college	college

conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
point_diff	point_diff
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: LeagueDashPlayerClutch

**Author(s)**

Saiem Gilani

---

ld_pptshot	<b>Get NBA Stats API League Dashboard Player Tracking - Player Shots</b>
------------	--

---

**Description**

**Get NBA Stats API League Dashboard Player Tracking - Player Shots**

**Get NBA Stats API League Dashboard Player Tracking - Player Shots**

**Usage**

```
nba_leaguedashplayerptshot(
  close_def_dist_range = "",
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  distance_range = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  dribble_range = "",
  game_scope = "",
  game_segment = "",
  general_range = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
```

```

    player_position = "",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    shot_dist_range = "",
    starter_bench = "",
    team_id = "",
    touch_time_range = "",
    vs_conference = "",
    vs_division = "",
    weight = ""
)

```

### Arguments

close_def_dist_range	close_def_dist_range
college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
distance_range	distance_range
division	division
draft_pick	draft_pick
draft_year	draft_year
dribble_range	dribble_range
game_scope	game_scope
game_segment	game_segment
general_range	general_range
height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
po_round	po_round

per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
shot_dist_range	shot_dist_range
starter_bench	starter_bench
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: LeagueDashPTShots

**Author(s)**

Saiem Gilani

---

 Id\_pshotloc

---

**Get NBA Stats API League Dashboard Player Shot Locations**


---

**Description**

**Get NBA Stats API League Dashboard Player Shot Locations**

**Get NBA Stats API League Dashboard Player Shot Locations**



**Usage**

```

nba_leaguedashplayershotlocations(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  distance_range = "By Zone",
  division = "",
  draft_pick = "",
  draft_year = "",
  dribble_range = "",
  game_scope = "",
  game_segment = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  vs_conference = "",
  vs_division = "",
  weight = ""
)

```

**Arguments**

college	college
conference	conference
country	country
date_from	date_from

date_to	date_to
distance_range	distance_range
division	division
draft_pick	draft_pick
draft_year	draft_year
dribble_range	dribble_range
game_scope	game_scope
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: ShotLocations

**Author(s)**

Saiem Gilani

---

 Id\_pstats

 Get NBA Stats API League Dashboard Player Stats
 

---

**Description**

**Get NBA Stats API League Dashboard Player Stats**

**Get NBA Stats API League Dashboard Player Stats**

**Usage**

```
nba_leaguedashplayerstats(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_scope = "",
  game_segment = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
```

```

season_type = "Regular Season",
shot_clock_range = "",
starter_bench = "",
team_id = "",
two_way = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

### Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank

season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
two_way	two_way
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: LeagueDashPlayerStats

**Author(s)**

Saiem Gilani

---

 Id\_ptdefend

 Get NBA Stats API League Dashboard Player Tracking - Defense
 

---

**Description**

**Get NBA Stats API League Dashboard Player Tracking - Defense**

**Get NBA Stats API League Dashboard Player Tracking - Defense**

**Usage**

```
nba_leaguedashptdefend(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  defense_category = "Overall",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_segment = "",
  height = "",
  last_n_games = 0,
  league_id = "00",
```

```

location = "",
month = 0,
opponent_team_id = 0,
outcome = "",
po_round = "",
per_mode = "Totals",
period = "",
player_experience = "",
player_id = "",
player_position = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
starter_bench = "",
team_id = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

### Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
defense_category	defense_category
division	division
draft_pick	draft_pick
draft_year	draft_year
game_segment	game_segment
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode

period	period
player_experience	player_experience
player_id	player_id
player_position	player_position
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
weight	weight

**Value**

Returns a named list of data frames: LeagueDashPTDefend

**Author(s)**

Saiem Gilani

---

 Id\_ptstats

 Get NBA Stats API League Dashboard Player Tracking - Stats
 

---

**Description**

**Get NBA Stats API League Dashboard Player Tracking - Stats**

**Get NBA Stats API League Dashboard Player Tracking - Stats**

**Usage**

```
nba_leaguedashptstats(
  college = "",
  conference = "",
  country = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_pick = "",
  draft_year = "",
  game_scope = "",
  height = "",
```

```

last_n_games = 0,
league_id = "00",
location = "",
month = 0,
opponent_team_id = 0,
outcome = "",
po_round = "",
per_mode = "Totals",
period = "",
player_experience = "",
player_or_team = "Team",
player_position = "",
pt_measure_type = "SpeedDistance",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
starter_bench = "",
team_id = "",
vs_conference = "",
vs_division = "",
weight = ""
)

```

### Arguments

college	college
conference	conference
country	country
date_from	date_from
date_to	date_to
division	division
draft_pick	draft_pick
draft_year	draft_year
game_scope	game_scope
height	height
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode



```

period          period
player_experience
                player_experience
player_or_team  player_or_team
player_position
                player_position
pt_measure_type
                pt_measure_type
season          season
season_segment  season_segment
season_type     season_type
starter_bench   starter_bench
team_id         team_id
vs_conference   vs_conference
vs_division     vs_division
weight         weight

```

**Author(s)**

Saiem Gilani

---

Id_ptteamdefend	<b>Get NBA Stats API League Dashboard Player Tracking - Team Defense</b>
-----------------	--

---

**Description**

**Get NBA Stats API League Dashboard Player Tracking - Team Defense**

**Get NBA Stats API League Dashboard Player Tracking - Team Defense**

**Usage**

```

nba_leaguedashptteamdefend(
  conference = "",
  date_from = "",
  date_to = "",
  defense_category = "Overall",
  division = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,

```

```

outcome = "",
po_round = "",
per_mode = "Totals",
period = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
team_id = "",
vs_conference = "",
vs_division = ""
)

```

### Arguments

conference	conference
date_from	date_from
date_to	date_to
defense_category	defense_category
division	division
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

### Author(s)

Saiem Gilani

---

Id\_tclutch

Get NBA Stats API League Dashboard by Team Clutch Splits

---

### Description

**Get NBA Stats API League Dashboard by Team Clutch Splits**

**Get NBA Stats API League Dashboard by Team Clutch Splits**

### Usage

```
nba_leaguedashteamclutch(  
  ahead_behind = "Ahead or Behind",  
  clutch_time = "Last 5 Minutes",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  game_scope = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  plus_minus = "N",  
  point_diff = 5,  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  player_experience = "",  
  player_position = "",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  starter_bench = "",  
  team_id = "",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

ahead_behind	ahead_behind
clutch_time	clutch_time
conference	conference
date_from	date_from
date_to	date_to
division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
point_diff	point_diff
po_round	po_round
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: LeagueDashTeamClutch

**Author(s)**

Saiem Gilani

---

Id_tptshot	<b>Get NBA Stats API League Dashboard Player Tracking - Team Shots</b>
------------	--

---

**Description**

**Get NBA Stats API League Dashboard Player Tracking - Team Shots**

**Get NBA Stats API League Dashboard Player Tracking - Team Shots**

**Usage**

```
nba_leaguedashteamptshot(
  close_def_dist_range = "",
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  dribble_range = "",
  game_segment = "",
  general_range = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  shot_dist_range = "",
  team_id = "",
  touch_time_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

close_def_dist_range	close_def_dist_range
conference	conference
date_from	date_from
date_to	date_to
division	division
dribble_range	dribble_range
game_segment	game_segment
general_range	general_range
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
shot_dist_range	shot_dist_range
team_id	team_id
touch_time_range	touch_time_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: LeagueDashPTShots

**Author(s)**

Saiem Gilani

Id\_tshotloc

Get NBA Stats API League Dashboard Team Shot Locations

**Description****Get NBA Stats API League Dashboard Team Shot Locations****Get NBA Stats API League Dashboard Team Shot Locations****Usage**

```
nba_leaguedashteamshotlocations(
  conference = "",
  date_from = "",
  date_to = "",
  distance_range = "By Zone",
  division = "",
  game_scope = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_experience = "",
  player_position = "",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

conference	conference
------------	------------

date_from	date_from
date_to	date_to
distance_range	distance_range
division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_experience	player_experience
player_position	player_position
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: ShotLocations

**Author(s)**

Saiem Gilani



Id\_tstats

Get NBA Stats API League Dashboard Team Stats

**Description****Get NBA Stats API League Dashboard Team Stats****Get NBA Stats API League Dashboard Team Stats****Usage**

```

nba_leaguedashteamstats(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  game_scope = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  starter_bench = "",
  team_id = "",
  two_way = "",
  vs_conference = "",
  vs_division = ""
)

```

**Arguments**

conference	conference
date_from	date_from
date_to	date_to

division	division
game_scope	game_scope
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
starter_bench	starter_bench
team_id	team_id
two_way	two_way
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: LeagueDashTeamStats

**Author(s)**

Saiem Gilani

---

leaderstyles

## Get NBA Stats API Leaders Tiles

---

### Description

**Get NBA Stats API Leaders Tiles**

**Get NBA Stats API Leaders Tiles**

### Usage

```
nba_leaderstyles(  
  league_id = "00",  
  game_scope = "Season",  
  player_or_team = "Team",  
  player_scope = "All Players",  
  season = "2020-21",  
  season_type = "Regular Season",  
  stat = "PTS"  
)
```

### Arguments

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_scope	Game Scope - Season, Last 10, Yesterday, Finals
player_or_team	Player or Team
player_scope	Player Scope - All Players, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat	Stat - PTS, REB, AST, FG_PCT, FT_PCT, FG3_PCT, STL, BLK

### Value

Returns a named list of data frames: AllTimeSeasonHigh, LastSeasonHigh, LeadersTiles, LowSeasonHigh,

### Author(s)

Saiem Gilani

---

 leaguedashlineups      **Get NBA Stats API League Dashboard Lineups**


---

**Description****Get NBA Stats API League Dashboard Lineups****Get NBA Stats API League Dashboard Lineups****Usage**

```

nba_leaguedashlineups(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  game_segment = "",
  group_quantity = 5,
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "",
  vs_conference = "",
  vs_division = ""
)

```

**Arguments**

conference	conference
date_from	date_from
date_to	date_to
division	division

game_segment	game_segment
group_quantity	group_quantity
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: Lineups

**Author(s)**

Saiem Gilani

---

leagueleaders

## Get NBA Stats API League Leaders

---

### Description

**Get NBA Stats API League Leaders**

**Get NBA Stats API League Leaders**

### Usage

```
nba_leagueleaders(  
  active_flag = "",  
  league_id = "00",  
  per_mode = "Totals",  
  scope = "S",  
  season = "2020-21",  
  season_type = "Regular Season",  
  stat_category = "PTS"  
)
```

### Arguments

active_flag	Active Flag
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - Totals, PerGame, Per48
scope	Scope - RS, S, Rookies
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs
stat_category	Stat Category: PTS, REB, AST, FG_PCT, FT_PCT, FG3_PCT, STL, BLK

### Value

Returns a named list of data frames: LeagueLeaders

### Author(s)

Saiem Gilani

---

leaguelineupviz	<b>Get NBA Stats API League Lineup Visual Data</b>
-----------------	--

---

**Description****Get NBA Stats API League Lineup Visual Data****Get NBA Stats API League Lineup Visual Data****Usage**

```
nba_leaguelineupviz(  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  game_segment = "",  
  group_quantity = 5,  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  minutes_min = 10,  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  po_round = "",  
  pace_adjust = "N",  
  per_mode = "Totals",  
  period = 0,  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  team_id = "",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

conference	conference
date_from	date_from
date_to	date_to
division	division

game_segment	game_segment
group_quantity	group_quantity
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
minutes_min	minutes_min
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: LeagueLineupViz

**Author(s)**

Saiem Gilani



---

**leagueplayerondetails Get NBA Stats API League Player On/Off Details**

---

**Description****Get NBA Stats API League Player On/Off Details****Get NBA Stats API League Player On/Off Details****Usage**

```
nba_leagueplayerondetails(  
  date_from = "",  
  date_to = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  per_mode = "Totals",  
  period = 0,  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month

opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Returns a named list of data frames: `PlayersOnCourtLeaguePlayerDetails`

**Author(s)**

Saiem Gilani

---

leagueseasonmatchups **Get NBA Stats API League Season Matchups**

---

**Description**

**Get NBA Stats API League Season Matchups**

**Get NBA Stats API League Season Matchups**

**Usage**

```
nba_leagueseasonmatchups(
  def_player_id = "",
  def_team_id = "",
  league_id = "00",
  off_player_id = "",
  off_team_id = "",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

def_player_id	def_player_id
def_team_id	def_team_id
league_id	league_id
off_player_id	off_player_id
off_team_id	off_team_id
per_mode	per_mode
season	season
season_type	season_type

**Value**

Returns a named list of data frames: SeasonMatchups

**Author(s)**

Saiem Gilani

---

 lg\_streak

 Get NBA Stats API League Game Streak Finder
 

---

**Description**

**Get NBA Stats API League Game Streak Finder**

**Get NBA Stats API League Game Streak Finder**

**Usage**

```
nba_leaguegamefinder(
  conference = "",
  date_from = "",
  date_to = "",
  division = "",
  draft_year = "",
  draft_team_id = "",
  draft_round = "",
  draft_number = "",
  et_ast = "",
  et_blk = "",
  et_dd = "",
  et_dreb = "",
  et_fg3a = "",
  et_fg3m = "",
  et_fg3_pct = "",
```

```
et_fga = "",
et_fgm = "",
et_fg_pct = "",
et_fta = "",
et_ftm = "",
et_ft_pct = "",
et_minutes = "",
et_oreb = "",
et_pf = "",
et_pts = "",
et_reb = "",
et_stl = "",
et_td = "",
et_tov = "",
game_id = "",
gt_ast = "",
gt_blk = "",
gt_dd = "",
gt_dreb = "",
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
```

```

    lt_fta = "",
    lt_ftm = "",
    lt_ft_pct = "",
    lt_minutes = "",
    lt_oreb = "",
    lt_pf = "",
    lt_pts = "",
    lt_reb = "",
    lt_stl = "",
    lt_td = "",
    lt_tov = "",
    outcome = "",
    po_round = "",
    player_id = "",
    player_or_team = "T",
    rookie_year = "",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    starter_bench = "",
    team_id = "",
    vs_conference = "",
    vs_division = "",
    vs_team_id = "",
    years_experience = ""
)

```

### Arguments

conference	conference
date_from	date_from
date_to	date_to
division	division
draft_year	draft_year
draft_team_id	draft_team_id
draft_round	draft_round
draft_number	draft_number
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct

et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
et_oreb	et_oreb
et_pf	et_pf
et_pts	et_pts
et_reb	et_reb
et_stl	et_stl
et_td	et_td
et_tov	et_tov
game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
league_id	league_id

location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct
lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm
lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
outcome	outcome
po_round	po_round
player_id	player_id
player_or_team	player_or_team
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
years_experience	years_experience

**Value**

Return a named list of data frames: LeagueGameFinderResults

**Author(s)**

Saiem Gilani

---

load\_mbb\_pbp

**Load hoopR men's college basketball play-by-play**

---

**Description**

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_mbb_pbp(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2006)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

**Examples**

```
load_mbb_pbp(2021)
```



---

**load\_mbb\_player\_box**      **Load hoopR men's college basketball player box scores**

---

**Description**

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_mbb_player_box(  
  seasons = most_recent_mbb_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2003)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

**Examples**

```
load_mbb_player_box(2021)
```

---

**load\_mbb\_schedule**      **Load hoopR men's college basketball schedule**

---

**Description**

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_mbb_schedule(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

**Examples**

```
load_mbb_schedule(2021)
```

---

load_mbb_team_box	<b>Load hoopR men's college basketball team box scores</b>
-------------------	--

---

**Description**

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_mbb_team_box(
  seasons = most_recent_mbb_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given men's college basketball seasons. (Min: 2003)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_mbb_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

**Examples**

```
load_mbb_team_box(2021)
```

---

load_nba_pbp	<b>Load hoopR NBA play-by-play</b>
--------------	------------------------------------

---

**Description**

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_nba_pbp(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

## Examples

```
load_nba_pbp(2021)
```

---

load\_nba\_player\_box    **Load hoopR NBA player box scores**

---

## Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

## Usage

```
load_nba_player_box(  
  seasons = most_recent_nba_season(),  
  ...,  
  dbConnection = NULL,  
  tablename = NULL  
)
```

## Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

## Value

Returns a tibble

## Examples

```
load_nba_player_box(2021)
```

---

load\_nba\_schedule      **Load hoopR NBA schedules**

---

### Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

### Usage

```
load_nba_schedule(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

### Arguments

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by update_nba_db()).
dbConnection	A DBIConnection object, as returned by
tablename	The name of the play by play data table within the database

### Value

Returns a tibble

### Examples

```
load_nba_schedule(2021)
```

---

load\_nba\_team\_box      **Load hoopR NBA team box scores**

---

### Description

helper that loads multiple seasons from the data repo either into memory or writes it into a db using some forwarded arguments in the dots

**Usage**

```
load_nba_team_box(
  seasons = most_recent_nba_season(),
  ...,
  dbConnection = NULL,
  tablename = NULL
)
```

**Arguments**

seasons	A vector of 4-digit years associated with given NBA seasons. (Min: 2002)
...	Additional arguments passed to an underlying function that writes the season data into a database (used by <code>update_nba_db()</code> ).
dbConnection	A <code>DBIConnection</code> object, as returned by
tablename	The name of the play by play data table within the database

**Value**

Returns a tibble

**Examples**

```
load_nba_team_box(2021)
```

---

l\_gamelog

---

**Get NBA Stats API League Game Log**


---

**Description**

**Get NBA Stats API League Game Log**

**Get NBA Stats API League Game Log**

**Usage**

```
nba_leaguegameLog(
  counter = 0,
  date_from = "",
  date_to = "",
  direction = "ASC",
  league_id = "00",
  player_or_team = "T",
  season = "2020-21",
  season_type = "Regular Season",
  sorter = "DATE"
)
```

**Arguments**

counter	counter
date_from	date_from
date_to	date_to
direction	direction
league_id	league_id
player_or_team	player_or_team
season	season
season_type	season_type
sorter	sorter

**Value**

Return a named list of data frames: LeagueGameLog

**Author(s)**

Saiem Gilani

---

`l_standings`

**Get NBA Stats API League Standings**

---

**Description**

**Get NBA Stats API League Standings**

**Get NBA Stats API League Standings**

**Usage**

```
nba_leaguestandings(  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  season_year = ""  
)
```

**Arguments**

league_id	league_id
season	season
season_type	season_type
season_year	season_year

**Value**

Return a named list of data frames: Standings

**Author(s)**

Saiem Gilani

---

l\_standingsv3

**Get NBA Stats API League Standings V3**

---

**Description**

**Get NBA Stats API League Standings V3**

**Get NBA Stats API League Standings V3**

**Usage**

```
nba_leaguestandingsv3(  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  season_year = ""  
)
```

**Arguments**

league_id	league_id
season	season
season_type	season_type
season_year	season_year

**Value**

Return a named list of data frames: Standings

**Author(s)**

Saiem Gilani



---

`matchupsrollup`**Get NBA Stats API Matchups Rollup**

---

**Description****Get NBA Stats API Matchups Rollup****Get NBA Stats API Matchups Rollup****Usage**

```
nba_matchupsrollup(  
  def_player_id = "",  
  def_team_id = "",  
  league_id = "00",  
  off_player_id = "",  
  off_team_id = "",  
  per_mode = "Totals",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```

**Arguments**

<code>def_player_id</code>	<code>def_player_id</code>
<code>def_team_id</code>	<code>def_team_id</code>
<code>league_id</code>	<code>league_id</code>
<code>off_player_id</code>	<code>off_player_id</code>
<code>off_team_id</code>	<code>off_team_id</code>
<code>per_mode</code>	<code>per_mode</code>
<code>season</code>	<code>season</code>
<code>season_type</code>	<code>season_type</code>

**Value**

Returns a named list of data frames: MatchupsRollup

**Author(s)**

Saiem Gilani

---

most\_recent\_mbb\_season

**Most Recent Men's College Basketball Season**

---

**Description**

**Most Recent Men's College Basketball Season**

**Usage**

most\_recent\_mbb\_season()

---

most\_recent\_nba\_season

**Most Recent NBA Season**

---

**Description**

**Most Recent NBA Season**

**Usage**

most\_recent\_nba\_season()

---

nbagl\_pbp

**Get NBA Data API Play-by-Play for G League Games**

---

**Description**

Scrapes the NBA Data API for Play By Play for G League games

**Usage**

nbagl\_pbp(game\_id)

**Arguments**

game\_id            Game ID - 10 digits, i.e. 0021900001

**Value**

Returns a data frame of play by play

**Author(s)**

Billy Fryer

---

`nbagl_players`**Get G League Player Data Base from NBA API**

---

**Description**

Scrapes the NBA Data API for All Players in G League History

**Usage**

```
nbagl_players()
```

**Value**

Returns a data frame of G League Players from NBA Database

**Author(s)**

Billy Fryer

---

`nbagl_schedule`**Get G League Schedule from NBA API**

---

**Description**

Scrapes the NBA Data API for G League Schedule for a Given Season

**Usage**

```
nbagl_schedule(season = most_recent_nba_season() - 1)
```

**Arguments**

`season` Season - 4 digit, i.e. 2021

**Value**

Returns a data frame of the G League Season Schedule

**Author(s)**

Billy Fryer

---

nbagl_standings	<b>Get Current G League Standings from NBA API</b>
-----------------	--

---

**Description**

Scrapes the NBA Data API for G League Standings

**Usage**

```
nbagl_standings(season = most_recent_nba_season() - 1)
```

**Arguments**

season	Season - 4 digit, i.e. 2021
--------	-----------------------------

**Value**

Returns a tibble of the G League Season Standings

**Author(s)**

Billy Fryer

---

nba_data_pbp	<b>Get NBA Data API Play-by-Play</b>
--------------	--------------------------------------

---

**Description**

**Get NBA Data API Play-by-Play**

**Get NBA Data API Play-by-Play**

**Usage**

```
nba_data_pbp(game_id = "0021900001")
```

**Arguments**

game_id	Game ID - 10 digits, i.e. "0021900001"
---------	--

**Value**

Returns a tibble

**Author(s)**

Saiem Gilani

---

`nba_drafthistory`**Get NBA Stats API Draft History**

---

**Description****Get NBA Stats API Draft History****Usage**

```
nba_drafthistory(  
  league_id = "00",  
  college = "",  
  overall_pick = "",  
  round_pick = "",  
  round_num = "",  
  season = "2019",  
  team_id = "",  
  top_x = ""  
)
```

**Arguments**

<code>league_id</code>	<code>league_id</code>
<code>college</code>	<code>college</code>
<code>overall_pick</code>	<code>overall_pick</code>
<code>round_pick</code>	<code>round_pick</code>
<code>round_num</code>	<code>round_num</code>
<code>season</code>	<code>season</code>
<code>team_id</code>	<code>team_id</code>
<code>top_x</code>	<code>top_x</code>

**Value**

Returns a named list of data frames: DraftHistory

**Author(s)**

Saiem Gilani

---

nba\_stats\_videodetails

### Get NBA Stats API Video Details

---

#### Description

**Get NBA Stats API Video Details**

**Get NBA Stats API Video Details**

#### Usage

```
nba_videodetails(  
  ahead_behind = "",  
  clutch_time = "",  
  context_filter = "",  
  context_measure = "FGA",  
  date_from = "",  
  date_to = "",  
  end_period = "",  
  end_range = "",  
  game_id = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  period = 0,  
  player_id = "2544",  
  point_diff = "",  
  position = "",  
  range_type = "",  
  rookie_year = "",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  start_period = "",  
  start_range = "",  
  team_id = "1610612739",  
  vs_conference = "",  
  vs_division = ""  
)
```

#### Arguments

ahead\_behind    ahead\_behind

clutch_time	clutch_time
context_filter	context_filter
context_measure	context_measure
date_from	date_from
date_to	date_to
end_period	end_period
end_range	end_range
game_id	game_id
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
period	period
player_id	player_id
point_diff	point_diff
position	position
range_type	range_type
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
start_period	start_period
start_range	start_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a list of tibbles

**Author(s)**

Saiem Gilani

---

**nba\_stats\_videoevents** **Get NBA Stats API Video Events**

---

**Description****Get NBA Stats API Video Events****Get NBA Stats API Video Events****Get NBA Stats API Video Events****Get NBA Stats API Video Events****Usage**

```
nba_videoevents(game_id = "0021700807", game_event_id = "0")
```

```
nba_videostatus(game_date = "2020-08-16", league_id = "00")
```

**Arguments**

game_id	game_id
game_event_id	game_event_id
game_date	game_date
league_id	league_id

**Value**

Return a list of tibbles

Return a list of tibbles: VideoStatus

**Author(s)**

Saiem Gilani

---

**nba\_teams** **NBA Stats API's Teams Dictionary**

---

**Description****NBA Stats API's Teams Dictionary****Usage**

```
nba_teams
```



**Format**

A data frame with 30 rows and 10 variables:\

TeamID character.

TeamCity character.

TeamName character.

TeamSlug double.

Conference character.

Division character.

LeagueID character.

SeasonID character.

SEASON character.

TEAMNAMEFULL character.

---

ncaa\_mbb\_NET\_rankings **Get men's college basketball NET rankings for the current date from the NCAA website**

---

**Description**

**Get men's college basketball NET rankings for the current date from the NCAA website**

**Usage**

```
ncaa_mbb_NET_rankings()
```

**Value**

Returns a tibble

**Author(s)**

Saiem Gilani

**Examples**

```
# Get current NCAA NET rankings  
  
try(ncaa_mbb_NET_rankings())
```

---

pbp **Get NBA Stats API play-by-play**

---

**Description****Get NBA Stats API play-by-play****Get NBA Stats API play-by-play****Usage**

```
nba_pbp(game_id, version = "v2", p)
```

**Arguments**

game_id	Game ID
version	Play-by-play version ("v2" available from 2016-17 onwards)
p	Progress bar

**Value**

Returns a data frame: PlayByPlay

**Author(s)**

Jason Lee

---

pbps **Get NBA Stats API play-by-play (Multiple Games)**

---

**Description****Get NBA Stats API play-by-play (Multiple Games)****Get NBA Stats API play-by-play (Multiple Games)****Usage**

```
nba_pbps(game_ids = NULL, version = "v2", nest_data = FALSE)
```

**Arguments**

game_ids	Game IDs
version	Play-by-play version ("v2" available from 2016-17 onwards)
nest_data	If TRUE returns nested data by game

**Value**

Returns a data frame: PlayByPlay

**Author(s)**

Jason Lee

---

pbyclutch

**Get NBA Stats API Player Dashboard by Clutch Splits**

---

**Description**

**Get NBA Stats API Player Dashboard by Clutch Splits**

**Get NBA Stats API Player Dashboard by Clutch Splits**

**Usage**

```
nba_playerdashboardbyclutch(  
  date_from = "",  
  date_to = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  po_round = "",  
  pace_adjust = "N",  
  per_mode = "Totals",  
  period = 0,  
  player_id = "2544",  
  plus_minus = "N",  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: Last10Sec3Point2PlayerDashboard, Last10Sec3PointPlayerDashboard, Last1Min5PointPlayerDashboard, Last1MinPlusMinus5PointPlayerDashboard, Last30Sec3Point2PlayerDashboard, Last30Sec3PointPlayerDashboard, Last3Min5PointPlayerDashboard, Last3MinPlusMinus5PointPlayerDashboard, Last5Min5PointPlayerDashboard, Last5MinPlusMinus5PointPlayerDashboard, OverallPlayerDashboard

**Author(s)**

Saiem Gilani

pbygamesplits

**Get NBA Stats API Player Dashboard by Game Splits****Description****Get NBA Stats API Player Dashboard by Game Splits****Get NBA Stats API Player Dashboard by Game Splits****Usage**

```
nba_playerdashboardbygamesplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: `ByActualMarginPlayerDashboard`, `ByHalfPlayerDashboard`, `ByPeriodPlayerDashboard`, `ByScoreMarginPlayerDashboard`, `OverallPlayerDashboard`

**Author(s)**

Saiem Gilani

---

`pbygeneralsplits`

**Get NBA Stats API Player Dashboard by General Splits**

---

**Description**

**Get NBA Stats API Player Dashboard by General Splits**

**Get NBA Stats API Player Dashboard by General Splits**

**Usage**

```
nba_playerdashboardbygeneralsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period

player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: DaysRestPlayerDashboard, LocationPlayerDashboard, Month-PlayerDashboard, OverallPlayerDashboard, PrePostAllStarPlayerDashboard, StartingPosition, WinsLossesPlayerDashboard

**Author(s)**

Saiem Gilani

---

pbylastngames

**Get NBA Stats API Player Dashboard by Last N Games**

---

**Description**

**Get NBA Stats API Player Dashboard by Last N Games**

**Get NBA Stats API Player Dashboard by Last N Games**

**Usage**

```
nba_playerdashboardbylastngames(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
```



```

    period = 0,
    player_id = "2544",
    plus_minus = "N",
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    vs_conference = "",
    vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: GameNumberPlayerDashboard, Last10PlayerDashboard, Last15PlayerDashboard, Last20PlayerDashboard, Last5PlayerDashboard, OverallPlayerDashboard

**Author(s)**

Saiem Gilani

pbyopponent

**Get NBA Stats API Player Dashboard by Opponent****Description****Get NBA Stats API Player Dashboard by Opponent****Get NBA Stats API Player Dashboard by Opponent****Usage**

```
nba_playerdashboardbyopponent(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games

league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: ConferencePlayerDashboard, DivisionPlayerDashboard, OpponentPlayerDashboard, OverallPlayerDashboard

**Author(s)**

Saiem Gilani

---

pbyshootingsplits      **Get NBA Stats API Player Dashboard by Shooting Splits**

---

**Description**

**Get NBA Stats API Player Dashboard by Shooting Splits**  
**Get NBA Stats API Player Dashboard by Shooting Splits**

**Usage**

```
nba_playerdashboardbyshootingsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period

player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: AssistedBy, AssitedShotPlayerDashboard, OverallPlayerDashboard, Shot5FTPlayerDashboard, Shot8FTPlayerDashboard, ShotAreaPlayerDashboard, ShotTypePlayerDashboard, ShotTypeSummaryPlayerDashboard

**Author(s)**

Saiem Gilani

---

pbyteamperformance      **Get NBA Stats API Player Dashboard by Team Performance**

---

**Description**

**Get NBA Stats API Player Dashboard by Team Performance**  
**Get NBA Stats API Player Dashboard by Team Performance**

**Usage**

```
nba_playerdashboardbyteamperformance(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
```

```

    period = 0,
    player_id = "2544",
    plus_minus = "N",
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    vs_conference = "",
    vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: OverallPlayerDashboard, PointsScoredPlayerDashboard, PontoAgainstPlayerDashboard, ScoreDifferentialPlayerDashboard

**Author(s)**

Saiem Gilani

pbyearoveryear

**Get NBA Stats API Player Dashboard Year over Year****Description****Get NBA Stats API Player Dashboard Year over Year****Get NBA Stats API Player Dashboard Year over Year****Usage**

```
nba_playerdashboardbyyearoveryear(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games

league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	player_id
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: ByYearPlayerDashboard, OverallPlayerDashboard

**Author(s)**

Saiem Gilani

---

pcareerbycollege

**Get NBA Stats API Player Career By College**

---

**Description**

**Get NBA Stats API Player Career By College**

**Get NBA Stats API Player Career By College**



**Usage**

```
nba_playercareerbycollege(
  college = "Florida State",
  league_id = "00",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

college	College Name
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: PlayerCareerByCollege

**Author(s)**

Saiem Gilani

---

pcareerbycollege\_ru    **Get NBA Stats API Player Career By College Rollup**

---

**Description**

**Get NBA Stats API Player Career By College Rollup**

**Get NBA Stats API Player Career By College Rollup**

**Usage**

```
nba_playercareerbycollegerollup(
  league_id = "00",
  per_mode = "Totals",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Per Mode - PerGame, Totals
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: East, Midwest, South, West

**Author(s)**

Saiem Gilani

---

pfantasy

**Get NBA Stats API Player Fantasy Profile**

---

**Description**

**Get NBA Stats API Player Fantasy Profile**

**Get NBA Stats API Player Fantasy Profile**

**Usage**

```
nba_playerfantasyprofile(
  league_id = "00",
  measure_type = "Base",
  pace_adjust = "N",
  per_mode = "Totals",
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
measure_type	measure_type
pace_adjust	Pace Adjustment - Y/N
per_mode	Per Mode - PerGame, Totals
player_id	Player ID
plus_minus	Plus Minus - Y/N

rank	Rank - Y/N
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: DaysRestModified, LastNGames, Location, Opponent, Overall

**Author(s)**

Saiem Gilani

pfantasy\_bg                      **Get NBA Stats API Player Fantasy Profile Bar Graph**

**Description**

**Get NBA Stats API Player Fantasy Profile Bar Graph**  
**Get NBA Stats API Player Fantasy Profile Bar Graph**

**Usage**

```
nba_playerfantasyprofilebargraph(
  league_id = "00",
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
player_id	Player ID
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: LastFiveGamesAvg, SeasonAvg

**Author(s)**

Saiem Gilani

---

pg\_streak

## Get NBA Stats API Player Game Streak Finder

---

### Description

**Get NBA Stats API Player Game Streak Finder**

**Get NBA Stats API Player Game Streak Finder**

### Usage

```
nba_playergamestreakfinder(  
  active_streaks_only = "",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  draft_year = "",  
  draft_team_id = "",  
  draft_round = "",  
  draft_number = "",  
  et_ast = "",  
  et_blk = "",  
  et_dd = "",  
  et_dreb = "",  
  et_fg3a = "",  
  et_fg3m = "",  
  et_fg3_pct = "",  
  et_fga = "",  
  et_fgm = "",  
  et_fg_pct = "",  
  et_fta = "",  
  et_ftm = "",  
  et_ft_pct = "",  
  et_minutes = "",  
  et_oreb = "",  
  et_pf = "",  
  et_pts = "",  
  et_reb = "",  
  et_stl = "",  
  et_td = "",  
  et_tov = "",  
  game_id = "",  
  gt_ast = "",  
  gt_blk = "",  
  gt_dd = "",  
  gt_dreb = "",
```

```
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
lt_fta = "",
lt_ftm = "",
lt_ft_pct = "",
lt_minutes = "",
lt_oreb = "",
lt_pf = "",
lt_pts = "",
lt_reb = "",
lt_stl = "",
lt_td = "",
lt_tov = "",
min_games = "",
outcome = "",
po_round = "",
player_id = "",
rookie_year = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
```

```

    starter_bench = "",
    team_id = "",
    vs_conference = "",
    vs_division = "",
    vs_team_id = "",
    years_experience = ""
)

```

### Arguments

active_streaks_only	active_streaks_only
conference	conference
date_from	date_from
date_to	date_to
division	division
draft_year	draft_year
draft_team_id	draft_team_id
draft_round	draft_round
draft_number	draft_number
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct
et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
et_oreb	et_oreb
et_pf	et_pf
et_pts	et_pts
et_reb	et_reb
et_stl	et_stl
et_td	et_td

et_tov	et_tov
game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
league_id	league_id
location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct
lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm

lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
min_games	min_games
outcome	outcome
po_round	po_round
player_id	player_id
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
starter_bench	starter_bench
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
years_experience	years_experience

**Value**

Return a named list of data frames: `PlayerGameStreakFinderResults`

**Author(s)**

Saiem Gilani



---

playerawards                    **Get NBA Stats API Player Awards**

---

**Description**

**Get NBA Stats API Player Awards**

**Get NBA Stats API Player Awards**

**Usage**

```
nba_playerawards(player_id)
```

**Arguments**

player\_id            Player ID

**Value**

Return a named list of data frames: PlayerAwards

**Author(s)**

Saiem Gilani

---

playercareerstats            **Get NBA Stats API Player Career Stats**

---

**Description**

**Get NBA Stats API Player Career Stats**

**Get NBA Stats API Player Career Stats**

**Usage**

```
nba_playercareerstats(  
  league_id = "00",  
  per_mode = "Totals",  
  player_id = "2544"  
)
```

**Arguments**

league\_id            League - default: '00'. Other options include '10': WNBA, '20': G-League

per\_mode            Per Mode - PerGame, Totals

player\_id            Player ID

**Value**

Return a named list of data frames: CareerTotalsAllStarSeason, CareerTotalsCollegeSeason, CareerTotalsPostSeason, CareerTotalsRegularSeason, SeasonRankingsPostSeason, SeasonRankingsRegularSeason, SeasonTotalsAllStarSeason, SeasonTotalsCollegeSeason, SeasonTotalsPostSeason, SeasonTotalsRegularSeason

**Author(s)**

Saiem Gilani

---

playercompare

**Get NBA Stats API Player Compare**

---

**Description**

**Get NBA Stats API Player Compare**

**Get NBA Stats API Player Compare**

**Usage**

```
nba_playercompare(
  conference = "",
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id_list = "202681,203078,2544,201567,203954",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  vs_conference = "",
  vs_division = "",
  vs_player_id_list = "201566,201939,201935,201142,203076"
)
```

**Arguments**

conference	conference
date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id_list	Player ID
plus_minus	plus_minus
rank	rank
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
shot_clock_range	shot_clock_range
vs_conference	vs_conference
vs_division	vs_division
vs_player_id_list	vs_player_id_list

**Value**

Return a named list of data frames: Individual, OverallCompare

**Author(s)**

Saiem Gilani

---

playerprofilev2      **Get NBA Stats API Player Profile V2**

---

**Description****Get NBA Stats API Player Profile V2****Get NBA Stats API Player Profile V2****Usage**

```
nba_playerprofilev2(league_id = "", per_mode = "Totals", player_id = "2544")
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode	Season - format 2020-21
player_id	Player ID

**Value**

Return a named list of data frames: CareerHighs, CareerTotalsAllStarSeason, CareerTotalsCollegeSeason, CareerTotalsPostSeason, CareerTotalsPreseason, CareerTotalsRegularSeason, NextGame, SeasonHighs, SeasonRankingsPostSeason, SeasonRankingsRegularSeason, SeasonTotalsAllStarSeason, SeasonTotalsCollegeSeason, SeasonTotalsPostSeason, SeasonTotalsPreseason, SeasonTotalsRegularSeason

**Author(s)**

Saiem Gilani

---

playervsplayer      **Get NBA Stats API Player vs Player**

---

**Description****Get NBA Stats API Player vs Player****Get NBA Stats API Player vs Player**

**Usage**

```
nba_playervsplayer(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  plus_minus = "N",
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  vs_conference = "",
  vs_division = "",
  vs_player_id = "203076"
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	Player ID
plus_minus	plus_minus

rank	rank
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
vs_conference	vs_conference
vs_division	vs_division
vs_player_id	vs_player_id

**Value**

Return a named list of data frames: OnOffCourt, Overall, PlayerInfo, ShotAreaOffCourt, ShotAreaOnCourt, ShotAreaOverall, ShotDistanceOffCourt, ShotDistanceOnCourt, ShotDistanceOverall, Vs-PlayerInfo

**Author(s)**

Saiem Gilani

---

po\_picture

**Get NBA Stats API Playoff Picture**

---

**Description**

**Get NBA Stats API Playoff Picture**

**Get NBA Stats API Playoff Picture**

**Usage**

```
nba_playoffpicture(league_id = "00", season_id = "22020")
```

**Arguments**

league_id	league_id
season_id	season_id

**Value**

Return a named list of data frames: EastConfPlayoffPicture, EastConfRemainingGames, EastConfStandings, WestConfPlayoffPicture, WestConfRemainingGames, WestConfStandings

**Author(s)**

Saiem Gilani

pptpass

**Get NBA Stats API Player Dashboard Player Tracking - Passing****Description****Get NBA Stats API Player Dashboard Player Tracking - Passing****Get NBA Stats API Player Dashboard Player Tracking - Passing****Usage**

```
nba_playerdashptpass(
  date_from = "",
  date_to = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
player_id	player_id
season	season
season_segment	season_segment

season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: PassesMade, PassesReceived

**Author(s)**

Saiem Gilani

---

pptreb

**Get NBA Stats API Player Dashboard Player Tracking - Rebounding**

---

**Description**

**Get NBA Stats API Player Dashboard Player Tracking - Rebounding**

**Get NBA Stats API Player Dashboard Player Tracking - Rebounding**

**Usage**

```
nba_playerdashptreb(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```



**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: NumContestedRebounding, OverallRebounding, RebDistanceRebounding, ShotDistanceRebounding, ShotTypeRebounding

**Author(s)**

Saiem Gilani

---

pptshotdefend

**Get NBA Stats API Player Dashboard Player Tracking - Defense**

---

**Description**

**Get NBA Stats API Player Dashboard Player Tracking - Defense**

**Get NBA Stats API Player Dashboard Player Tracking - Defense**

**Usage**

```

nba_playerdashptshotdefend(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)

```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: DefendingShots

**Author(s)**

Saiem Gilani

---

pptshots

**Get NBA Stats API Player Dashboard Player Tracking - Shots**

---

**Description**

**Get NBA Stats API Player Dashboard Player Tracking - Shots**

**Get NBA Stats API Player Dashboard Player Tracking - Shots**

**Usage**

```
nba_playerdashptshots(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  player_id = "2544",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "0",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id

location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
player_id	player_id
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: ClosestDefender10ftPlusShooting, ClosestDefenderShooting, DribbleShooting, GeneralShooting, Overall, ShotClockShooting, TouchTimeShooting

**Author(s)**

Saiem Gilani

---

progressively

**Progressively**

---

**Description**

This function helps add progress-reporting to any function - given function `f()` and progressor `p()`, it will return a new function that calls `f()` and then (on-exiting) will call `p()` after every iteration.

**Usage**

```
progressively(f, p = NULL)
```

**Arguments**

`f` a function to add progressr functionality to.  
`p` a progressor function as created by `progressr::progressor()`

**Details**

This is inspired by `purrr`'s `safely`, `quietly`, and `possibly` function decorators.

**Value**

a function that does the same as f but it calls p() after iteration.

---

p\_est\_metr

**Get NBA Stats API Player Estimated Metrics**


---

**Description**

**Get NBA Stats API Player Estimated Metrics**

**Get NBA Stats API Player Estimated Metrics**

**Usage**

```
nba_playerestimatedmetrics(
  league_id = "00",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: PlayerEstimatedMetrics

**Author(s)**

Saiem Gilani

---

p\_game\_log

**Get NBA Stats API Player Game Log**


---

**Description**

**Get NBA Stats API Player Game Log**

**Get NBA Stats API Player Game Log**

**Usage**

```
nba_playergamelog(
  date_from = "",
  date_to = "",
  league_id = "00",
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)
```

**Arguments**

date_from	date_from
date_to	date_to
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
player_id	Player ID
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: PlayerGameLog

**Author(s)**

Saiem Gilani

---

p\_gamelogs

**Get NBA Stats API Player Game Logs**

---

**Description**

**Get NBA Stats API Player Game Logs**

**Get NBA Stats API Player Game Logs**

**Usage**

```
nba_playergamelogs(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
```

```

    month = 0,
    opponent_team_id = 0,
    outcome = "",
    po_round = "",
    per_mode = "Totals",
    period = 0,
    player_id = "2544",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    team_id = "",
    vs_conference = "",
    vs_division = ""
)

```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_id	Player ID
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: PlayerGameLogs

**Author(s)**

Saiem Gilani

---

p\_headshot

**Get NBA Stats API Player Head-shot**

---

### Description

**Get NBA Stats API Player Head-shot**

**Get NBA Stats API Player Head-shot**

### Usage

```
nba_playerheadshot(player_id = "2544")
```

### Arguments

player\_id      Player ID

### Value

Returns a url of the png for the player\_id selected

### Author(s)

Saiem Gilani

---

p\_index

**Get NBA Stats API Player Index**

---

### Description

**Get NBA Stats API Player Index**

**Get NBA Stats API Player Index**

### Usage

```
nba_playerindex(  
  college = "",  
  country = "",  
  draft_pick = "",  
  draft_round = "",  
  draft_year = "",  
  height = "",  
  historical = 1,  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",
```



```

    team_id = "0",
    weight = ""
)

```

### Arguments

college	Player College
country	Player Country
draft_pick	Draft Pick
draft_round	Draft Round
draft_year	Draft Year
height	Player Height
historical	Whether to include only current players (0) or all historical (1).
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	Team ID. Default: 0 (all teams).
weight	Player weight

### Value

Return a named list of data frames: PlayerIndex

### Author(s)

Saiem Gilani

---

p\_n\_g

**Get NBA Stats API Player Next N Games**

---

### Description

**Get NBA Stats API Player Next N Games**

**Get NBA Stats API Player Next N Games**

### Usage

```

nba_playernextngames(
  league_id = "",
  number_of_games = 2147483647,
  player_id = "2544",
  season = "2020-21",
  season_type = "Regular Season"
)

```

**Arguments**

<code>league_id</code>	League - default: '00'. Other options include '10': WNBA, '20': G-League
<code>number_of_games</code>	N in number of games
<code>player_id</code>	Player ID
<code>season</code>	Season - format 2020-21
<code>season_type</code>	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: NextNGames

**Author(s)**

Saiem Gilani

---

`rds_from_url`**Load .rds file from a remote connection**

---

**Description**

**Load .rds file from a remote connection**

**Usage**

```
rds_from_url(url)
```

**Arguments**

<code>url</code>	a character url
------------------	-----------------

**Value**

a dataframe as created by [readRDS\(\)](#)

---

rejoin_schedules	<b>rejoin schedules (when used from league game finder)</b>
------------------	---

---

**Description****rejoin schedules (when used from league game finder)****Usage**

rejoin\_schedules(df)

**Arguments**

df                    data frame pulled from nba\_leaguegamefinder()

---

sc	<b>Get NBA Stats API Shot Chart Detail</b>
----	--

---

**Description****Get NBA Stats API Shot Chart Detail****Get NBA Stats API Shot Chart Detail****Usage**

```
nba_shotchartdetail(
  context_measure = "FGA",
  date_from = "",
  date_to = "",
  game_id = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  period = 0,
  player_id = "202696",
  player_position = "",
  rookie_year = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = 0,
```

```

    vs_conference = "",
    vs_division = ""
)

```

### Arguments

context_measure	context_measure
date_from	date_from
date_to	date_to
game_id	game_id
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
period	period
player_id	player_id
player_position	player_position
rookie_year	rookie_year
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: LeagueAverages, Shot\_Chart\_Detail

### Author(s)

Saiem Gilani

---

schedule	<b>Get NBA Stats API Schedule</b>
----------	-----------------------------------

---

**Description****Get NBA Stats API Schedule****Get NBA Stats API Schedule****Usage**

```
nba_schedule(season = 2021, league = "NBA")
```

**Arguments**

season	Season - 4 digit integer corresponding to the first year in the season format 2020-21
league	League - default: 'NBA'. Other options include 'all'

**Value**

Returns a tibble

**Author(s)**

Saiem Gilani

---

scoreboard	<b>Get NBA Stats API Scoreboard</b>
------------	-------------------------------------

---

**Description****Get NBA Stats API Scoreboard****Get NBA Stats API Scoreboard****Usage**

```
nba_scoreboard(league_id = "00", game_date = "2021-07-20", day_offset = 0)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_date	Game Date
day_offset	Day Offset (integer 0,-1)

**Value**

Return a named list of data frames: Available, EastConfStandingsByDay, GameHeader, LastMeeting, LineScore, SeriesStandings, WestConfStandingsByDay

**Author(s)**

Saiem Gilani

---

scoreboardv2

**Get NBA Stats API Scoreboard V2**

---

**Description**

**Get NBA Stats API Scoreboard V2**

**Get NBA Stats API Scoreboard V2**

**Usage**

```
nba_scoreboardv2(league_id = "00", game_date = "2021-07-20", day_offset = 0)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
game_date	Game Date
day_offset	Day Offset (integer 0,-1)

**Value**

Return a named list of data frames: Available, EastConfStandingsByDay, GameHeader, LastMeeting, LineScore, SeriesStandings, TeamLeaders, TicketLinks, WestConfStandingsByDay, WinProbability

**Author(s)**

Saiem Gilani

---

 sc\_lw

---

**Get NBA Stats API Shot Chart League-Wide**


---

**Description****Get NBA Stats API Shot Chart League-Wide****Get NBA Stats API Shot Chart League-Wide****Usage**

```
nba_shotchartleaguewide(league_id = "00", season = "2020-21")
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	season

**Value**

Return a named list of data frames: League\_Wide

**Author(s)**

Saiem Gilani

---

tbyclutch

**Get NBA Stats API Team Dashboard by Clutch Splits**


---

**Description****Get NBA Stats API Team Dashboard by Clutch Splits****Get NBA Stats API Team Dashboard by Clutch Splits****Usage**

```
nba_teamdashboardbyclutch(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
```

```

outcome = "",
pace_adjust = "N",
plus_minus = "N",
po_round = "",
per_mode = "Totals",
period = 0,
rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
team_id = "1610612749",
vs_conference = "",
vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division



**Value**

Return a named list of data frames: Last10Sec3Point2TeamDashboard, Last10Sec3PointTeamDashboard, Last1Min5PointTeamDashboard, Last1MinPlusMinus5PointTeamDashboard, Last30Sec3Point2TeamDashboard, Last30Sec3PointTeamDashboard, Last3Min5PointTeamDashboard, Last3MinPlusMinus5PointTeamDashboard, Last5Min5PointTeamDashboard, Last5MinPlusMinus5PointTeamDashboard, OverallTeamDashboard

**Author(s)**

Saiem Gilani

---

tbygamesplits

**Get NBA Stats API Team Dashboard by Game Splits**

---

**Description**

**Get NBA Stats API Team Dashboard by Game Splits**

**Get NBA Stats API Team Dashboard by Game Splits**

**Usage**

```
nba_teamdashboardbygamesplits(  
  date_from = "",  
  date_to = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  plus_minus = "N",  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: `ByActualMarginTeamDashboard`, `ByHalfTeamDashboard`, `ByPeriodTeamDashboard`, `ByScoreMarginTeamDashboard`, `OverallTeamDashboard`

**Author(s)**

Saiem Gilani

tbygeneralsplits

**Get NBA Stats API Team Dashboard by General Splits****Description****Get NBA Stats API Team Dashboard by General Splits****Get NBA Stats API Team Dashboard by General Splits****Usage**

```
nba_teamdashboardbygeneralsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: DaysRestTeamDashboard, LocationTeamDashboard, MonthTeamDashboard, OverallTeamDashboard, PrePostAllStarTeamDashboard, WinsLossesTeamDashboard

**Author(s)**

Saiem Gilani

---

tbylastngames

**Get NBA Stats API Team Dashboard by Last N Games**

---

**Description**

**Get NBA Stats API Team Dashboard by Last N Games**

**Get NBA Stats API Team Dashboard by Last N Games**

**Usage**

```
nba_teamdashboardbylastngames(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: GameNumberTeamDashboard, Last10TeamDashboard, Last15TeamDashboard, Last20TeamDashboard, Last5TeamDashboard, OverallTeamDashboard

**Author(s)**

Saiem Gilani

---

tbyopponent

**Get NBA Stats API Team Dashboard by Opponent**

---

**Description**

**Get NBA Stats API Team Dashboard by Opponent**

**Get NBA Stats API Team Dashboard by Opponent**

**Usage**

```
nba_teamdashboardbyopponent(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
```

```

    period = 0,
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: ConferenceTeamDashboard, DivisionTeamDashboard, OpponentTeamDashboard, OverallTeamDashboard

**Author(s)**

Saiem Gilani

tbyshootingsplits

**Get NBA Stats API Team Dashboard by Shooting Splits****Description****Get NBA Stats API Team Dashboard by Shooting Splits****Get NBA Stats API Team Dashboard by Shooting Splits****Usage**

```
nba_teamdashboardbyshootingsplits(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games



league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: AssistedBy, AssitedShotTeamDashboard, OverallTeamDashboard, Shot5FTTeamDashboard, Shot8FTTeamDashboard, ShotAreaTeamDashboard, ShotTypeTeamDashboard

**Author(s)**

Saiem Gilani

---

tbyteamperformance	<b>Get NBA Stats API Team Dashboard by Team Performance</b>
--------------------	---

---

**Description**

**Get NBA Stats API Team Dashboard by Team Performance**

**Get NBA Stats API Team Dashboard by Team Performance**

**Usage**

```
nba_teamdashboardbyteamperformance(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: OverallTeamDashboard, PointsScoredTeamDashboard, PointsAgainstTeamDashboard, ScoreDifferentialTeamDashboard

**Author(s)**

Saiem Gilani

---

tbyearoveryear

**Get NBA Stats API Team Dashboard Year over Year**


---

**Description**

**Get NBA Stats API Team Dashboard Year over Year**

**Get NBA Stats API Team Dashboard Year over Year**

**Usage**

```
nba_teamdashboardbyyearoveryear(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
```

```

    period = 0,
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: ByYearTeamDashboard, OverallTeamDashboard

### Author(s)

Saiem Gilani

---

teamdashlineups

## Get NBA Stats API Team Dashboard - Lineups

---

### Description

**Get NBA Stats API Team Dashboard - Lineups**

**Get NBA Stats API Team Dashboard - Lineups**

### Usage

```
nba_teamdashlineups(  
  date_from = "",  
  date_to = "",  
  game_id = "",  
  game_segment = "",  
  group_quantity = 5,  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  measure_type = "Base",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  pace_adjust = "N",  
  plus_minus = "N",  
  po_round = "",  
  per_mode = "Totals",  
  period = 0,  
  rank = "N",  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  shot_clock_range = "",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

### Arguments

date_from	date_from
date_to	date_to
game_id	game_id
game_segment	game_segment
group_quantity	group_quantity

last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: Lineups, Overall

**Author(s)**

Saiem Gilani

---

 teaminfo

 Get NBA Stats API Team Common Info
 

---

**Description**

**Get NBA Stats API Team Common Info**

**Get NBA Stats API Team Common Info**

**Usage**

```
nba_teaminfocommon(
  league_id = "00",
  season = "2020-21",
  season_type = "Regular Season",
  team_id = "1610612749"
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	Team ID

**Value**

Return a named list of data frames: AvailableSeasons, TeamInfoCommon, TeamSeasonRanks

**Author(s)**

Saiem Gilani

---

teams_links	<b>Men's College Basketball KenPom Teams Dictionary</b> <i>Team link</i> <i>KenPom reference lookup for the package</i>
-------------	--

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**Description**

**Men's College Basketball KenPom Teams Dictionary** Team link KenPom reference lookup for the package

**Usage**

```
teams_links
```

**Format**

A data frame with 357 rows and 6 variables:\

Team character.  
 Team.link character.  
 team.link.ref character.  
 Year double.  
 Conf character.  
 Conf.link character.  
 conf.link.ref character.

---

tg\_streak

## Get NBA Stats API Team Game Streak Finder

---

### Description

**Get NBA Stats API Team Game Streak Finder**

**Get NBA Stats API Team Game Streak Finder**

### Usage

```
nba_teamgamestreakfinder(  
  active_streaks_only = "",  
  active_teams_only = "",  
  btr_opp_ast = "",  
  btr_opp_blk = "",  
  btr_opp_dreb = "",  
  btr_opp_fg3a = "",  
  btr_opp_fg3m = "",  
  btr_opp_fg3_pct = "",  
  btr_opp_fga = "",  
  btr_opp_fgm = "",  
  btr_opp_fg_pct = "",  
  btr_opp_fta = "",  
  btr_opp_ftm = "",  
  btr_opp_ft_pct = "",  
  btr_opp_oreb = "",  
  btr_opp_pf = "",  
  btr_opp_pts = "",  
  btr_opp_pts2nd_chance = "",  
  btr_opp_pts_fb = "",  
  btr_opp_pts_off_tov = "",  
  btr_opp_pts_paint = "",  
  btr_opp_reb = "",  
  btr_opp_stl = "",  
  btr_opp_tov = "",  
  conference = "",  
  date_from = "",  
  date_to = "",  
  division = "",  
  et_ast = "",  
  et_blk = "",  
  et_dd = "",  
  et_dreb = "",  
  et_fg3a = "",  
  et_fg3m = "",  
  et_fg3_pct = "",
```



```
et_fga = "",
et_fgm = "",
et_fg_pct = "",
et_fta = "",
et_ftm = "",
et_ft_pct = "",
et_minutes = "",
eq_opp_pts2nd_chance = "",
eq_opp_pts_fb = "",
eq_opp_pts_off_tov = "",
eq_opp_pts_paint = "",
et_oreb = "",
et_pf = "",
et_pts = "",
eq_pts2nd_chance = "",
eq_pts_fb = "",
eq_pts_off_tov = "",
eq_pts_paint = "",
et_reb = "",
et_stl = "",
et_td = "",
et_tov = "",
game_id = "",
gt_ast = "",
gt_blk = "",
gt_dd = "",
gt_dreb = "",
gt_fg3a = "",
gt_fg3m = "",
gt_fg3_pct = "",
gt_fga = "",
gt_fgm = "",
gt_fg_pct = "",
gt_fta = "",
gt_ftm = "",
gt_ft_pct = "",
gt_minutes = "",
gt_opp_ast = "",
gt_opp_blk = "",
gt_opp_dreb = "",
gt_opp_fg3a = "",
gt_opp_fg3m = "",
gt_opp_fg3_pct = "",
gt_opp_fga = "",
gt_opp_fgm = "",
gt_opp_fg_pct = "",
gt_opp_fta = "",
gt_opp_ftm = "",
```

```
gt_opp_ft_pct = "",
gt_opp_oreb = "",
gt_opp_pf = "",
gt_opp_pts = "",
gt_opp_pts2nd_chance = "",
gt_opp_pts_fb = "",
gt_opp_pts_off_tov = "",
gt_opp_pts_paint = "",
gt_opp_reb = "",
gt_opp_stl = "",
gt_opp_tov = "",
gt_oreb = "",
gt_pf = "",
gt_pts = "",
gt_pts2nd_chance = "",
gt_pts_fb = "",
gt_pts_off_tov = "",
gt_pts_paint = "",
gt_reb = "",
gt_stl = "",
gt_td = "",
gt_tov = "",
lstreak = "",
league_id = "00",
location = "",
lt_ast = "",
lt_blk = "",
lt_dd = "",
lt_dreb = "",
lt_fg3a = "",
lt_fg3m = "",
lt_fg3_pct = "",
lt_fga = "",
lt_fgm = "",
lt_fg_pct = "",
lt_fta = "",
lt_ftm = "",
lt_ft_pct = "",
lt_minutes = "",
lt_opp_ast = "",
lt_opp_blk = "",
lt_opp_dreb = "",
lt_opp_fg3a = "",
lt_opp_fg3m = "",
lt_opp_fg3_pct = "",
lt_opp_fga = "",
lt_opp_fgm = "",
lt_opp_fg_pct = "",
```

```
lt_opp_fta = "",
lt_opp_ftm = "",
lt_opp_ft_pct = "",
lt_opp_oreb = "",
lt_opp_pf = "",
lt_opp_pts = "",
lt_opp_pts2nd_chance = "",
lt_opp_pts_fb = "",
lt_opp_pts_off_tov = "",
lt_opp_pts_paint = "",
lt_opp_reb = "",
lt_opp_stl = "",
lt_opp_tov = "",
lt_oreb = "",
lt_pf = "",
lt_pts = "",
lt_pts2nd_chance = "",
lt_pts_fb = "",
lt_pts_off_tov = "",
lt_pts_paint = "",
lt_reb = "",
lt_stl = "",
lt_td = "",
lt_tov = "",
min_games = "",
outcome = "",
po_round = "",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
team_id = "",
vs_conference = "",
vs_division = "",
vs_team_id = "",
wstreak = "",
wrs_opp_ast = "",
wrs_opp_blk = "",
wrs_opp_dreb = "",
wrs_opp_fg3a = "",
wrs_opp_fg3m = "",
wrs_opp_fg3_pct = "",
wrs_opp_fga = "",
wrs_opp_fgm = "",
wrs_opp_fg_pct = "",
wrs_opp_fta = "",
wrs_opp_ftm = "",
wrs_opp_ft_pct = "",
wrs_opp_oreb = "",
```

```

wrs_opp_pf = "",
wrs_opp_pts = "",
wrs_opp_pts2nd_chance = "",
wrs_opp_pts_fb = "",
wrs_opp_pts_off_tov = "",
wrs_opp_pts_paint = "",
wrs_opp_reb = "",
wrs_opp_stl = "",
wrs_opp_tov = ""
)

```

### Arguments

```

active_streaks_only
    active_streaks_only
active_teams_only
    active_teams_only

btr_opp_ast    btr_opp_ast
btr_opp_blk    btr_opp_blk
btr_opp_dreb   btr_opp_dreb
btr_opp_fg3a   btr_opp_fg3a
btr_opp_fg3m   btr_opp_fg3m
btr_opp_fg3_pct
    btr_opp_fg3_pct
btr_opp_fga    btr_opp_fga
btr_opp_fgm    btr_opp_fgm
btr_opp_fg_pct btr_opp_fg_pct
btr_opp_fta    btr_opp_fta
btr_opp_ftm    btr_opp_ftm
btr_opp_ft_pct btr_opp_ft_pct
btr_opp_oreb   btr_opp_oreb
btr_opp_pf     btr_opp_pf
btr_opp_pts    btr_opp_pts
btr_opp_pts2nd_chance
    btr_opp_pts2nd_chance
btr_opp_pts_fb btr_opp_pts_fb
btr_opp_pts_off_tov
    btr_opp_pts_off_tov
btr_opp_pts_paint
    btr_opp_pts_paint
btr_opp_reb    btr_opp_reb
btr_opp_stl    btr_opp_stl

```

btr_opp_tov	btr_opp_tov
conference	conference
date_from	date_from
date_to	date_to
division	division
et_ast	et_ast
et_blk	et_blk
et_dd	et_dd
et_dreb	et_dreb
et_fg3a	et_fg3a
et_fg3m	et_fg3m
et_fg3_pct	et_fg3_pct
et_fga	et_fga
et_fgm	et_fgm
et_fg_pct	et_fg_pct
et_fta	et_fta
et_ftm	et_ftm
et_ft_pct	et_ft_pct
et_minutes	et_minutes
eq_opp_pts2nd_chance	eq_opp_pts2nd_chance
eq_opp_pts_fb	eq_opp_pts_fb
eq_opp_pts_off_tov	eq_opp_pts_off_tov
eq_opp_pts_paint	eq_opp_pts_paint
et_oreb	et_oreb
et_pf	et_pf
et_pts	et_pts
eq_pts2nd_chance	eq_pts2nd_chance
eq_pts_fb	eq_pts_fb
eq_pts_off_tov	eq_pts_off_tov
eq_pts_paint	eq_pts_paint
et_reb	et_reb
et_stl	et_stl
et_td	et_td
et_tov	et_tov

game_id	game_id
gt_ast	gt_ast
gt_blk	gt_blk
gt_dd	gt_dd
gt_dreb	gt_dreb
gt_fg3a	gt_fg3a
gt_fg3m	gt_fg3m
gt_fg3_pct	gt_fg3_pct
gt_fga	gt_fga
gt_fgm	gt_fgm
gt_fg_pct	gt_fg_pct
gt_fta	gt_fta
gt_ftm	gt_ftm
gt_ft_pct	gt_ft_pct
gt_minutes	gt_minutes
gt_opp_ast	gt_opp_ast
gt_opp_blk	gt_opp_blk
gt_opp_dreb	gt_opp_dreb
gt_opp_fg3a	gt_opp_fg3a
gt_opp_fg3m	gt_opp_fg3m
gt_opp_fg3_pct	gt_opp_fg3_pct
gt_opp_fga	gt_opp_fga
gt_opp_fgm	gt_opp_fgm
gt_opp_fg_pct	gt_opp_fg_pct
gt_opp_fta	gt_opp_fta
gt_opp_ftm	gt_opp_ftm
gt_opp_ft_pct	gt_opp_ft_pct
gt_opp_oreb	gt_opp_oreb
gt_opp_pf	gt_opp_pf
gt_opp_pts	gt_opp_pts
gt_opp_pts2nd_chance	gt_opp_pts2nd_chance
gt_opp_pts_fb	gt_opp_pts_fb
gt_opp_pts_off_tov	gt_opp_pts_off_tov
gt_opp_pts_paint	gt_opp_pts_paint
gt_opp_reb	gt_opp_reb

gt_opp_stl	gt_opp_stl
gt_opp_tov	gt_opp_tov
gt_oreb	gt_oreb
gt_pf	gt_pf
gt_pts	gt_pts
gt_pts2nd_chance	gt_pts2nd_chance
gt_pts_fb	gt_pts_fb
gt_pts_off_tov	gt_pts_off_tov
gt_pts_paint	gt_pts_paint
gt_reb	gt_reb
gt_stl	gt_stl
gt_td	gt_td
gt_tov	gt_tov
lstreak	lstreak
league_id	league_id
location	location
lt_ast	lt_ast
lt_blk	lt_blk
lt_dd	lt_dd
lt_dreb	lt_dreb
lt_fg3a	lt_fg3a
lt_fg3m	lt_fg3m
lt_fg3_pct	lt_fg3_pct
lt_fga	lt_fga
lt_fgm	lt_fgm
lt_fg_pct	lt_fg_pct
lt_fta	lt_fta
lt_ftm	lt_ftm
lt_ft_pct	lt_ft_pct
lt_minutes	lt_minutes
lt_opp_ast	lt_opp_ast
lt_opp_blk	lt_opp_blk
lt_opp_dreb	lt_opp_dreb
lt_opp_fg3a	lt_opp_fg3a
lt_opp_fg3m	lt_opp_fg3m
lt_opp_fg3_pct	lt_opp_fg3_pct

lt_opp_fga	lt_opp_fga
lt_opp_fgm	lt_opp_fgm
lt_opp_fg_pct	lt_opp_fg_pct
lt_opp_fta	lt_opp_fta
lt_opp_ftm	lt_opp_ftm
lt_opp_ft_pct	lt_opp_ft_pct
lt_opp_oreb	lt_opp_oreb
lt_opp_pf	lt_opp_pf
lt_opp_pts	lt_opp_pts
lt_opp_pts2nd_chance	lt_opp_pts2nd_chance
lt_opp_pts_fb	lt_opp_pts_fb
lt_opp_pts_off_tov	lt_opp_pts_off_tov
lt_opp_pts_paint	lt_opp_pts_paint
lt_opp_reb	lt_opp_reb
lt_opp_stl	lt_opp_stl
lt_opp_tov	lt_opp_tov
lt_oreb	lt_oreb
lt_pf	lt_pf
lt_pts	lt_pts
lt_pts2nd_chance	lt_pts2nd_chance
lt_pts_fb	lt_pts_fb
lt_pts_off_tov	lt_pts_off_tov
lt_pts_paint	lt_pts_paint
lt_reb	lt_reb
lt_stl	lt_stl
lt_td	lt_td
lt_tov	lt_tov
min_games	min_games
outcome	outcome
po_round	po_round
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id



vs_conference	vs_conference
vs_division	vs_division
vs_team_id	vs_team_id
wstreak	wstreak
wrs_opp_ast	wrs_opp_ast
wrs_opp_blk	wrs_opp_blk
wrs_opp_dreb	wrs_opp_dreb
wrs_opp_fg3a	wrs_opp_fg3a
wrs_opp_fg3m	wrs_opp_fg3m
wrs_opp_fg3_pct	wrs_opp_fg3_pct
wrs_opp_fga	wrs_opp_fga
wrs_opp_fgm	wrs_opp_fgm
wrs_opp_fg_pct	wrs_opp_fg_pct
wrs_opp_fta	wrs_opp_fta
wrs_opp_ftm	wrs_opp_ftm
wrs_opp_ft_pct	wrs_opp_ft_pct
wrs_opp_oreb	wrs_opp_oreb
wrs_opp_pf	wrs_opp_pf
wrs_opp_pts	wrs_opp_pts
wrs_opp_pts2nd_chance	wrs_opp_pts2nd_chance
wrs_opp_pts_fb	wrs_opp_pts_fb
wrs_opp_pts_off_tov	wrs_opp_pts_off_tov
wrs_opp_pts_paint	wrs_opp_pts_paint
wrs_opp_reb	wrs_opp_reb
wrs_opp_stl	wrs_opp_stl
wrs_opp_tov	wrs_opp_tov

**Value**

Return a named list of data frames: TeamGameStreakFinderParametersResults

**Author(s)**

Saiem Gilani

---

thist\_leaders

**Get NBA Stats API Team Historical Leaders**

---

### Description

**Get NBA Stats API Team Historical Leaders**

**Get NBA Stats API Team Historical Leaders**

### Usage

```
nba_teamhistoricalleaders(  
  league_id = "00",  
  season_id = "2020",  
  team_id = "1610612749"  
)
```

### Arguments

league_id	league_id
season_id	season_id
team_id	team_id

### Value

Return a named list of data frames: CareerLeadersByTeam

### Author(s)

Saiem Gilani

---

tp

**Get NBA Stats API Team Player Dashboard**

---

### Description

**Get NBA Stats API Team Player Dashboard**

**Get NBA Stats API Team Player Dashboard**

**Usage**

```
nba_teamplayerdashboard(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode

period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: PlayersSeasonTotals, TeamOverall

**Author(s)**

Saiem Gilani

---

 tp\_onoffsummary

 Get NBA Stats API Team Player On/Off Summary
 

---

**Description**

**Get NBA Stats API Team Player On/Off Summary**

**Get NBA Stats API Team Player On/Off Summary**

**Usage**

```
nba_teamplayeronoffsummary(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
```

```

rank = "N",
season = "2020-21",
season_segment = "",
season_type = "Regular Season",
shot_clock_range = "",
team_id = "1610612749",
vs_conference = "",
vs_division = ""
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

### Value

Return a named list of data frames: OverallTeamPlayerOnOffSummary, PlayersOffCourtTeamPlayerOnOffSummary, PlayersOnCourtTeamPlayerOnOffSummary

### Author(s)

Saiem Gilani

---

 tp\_onoff\_det

---

**Get NBA Stats API Team Player On/Off Details**


---

**Description****Get NBA Stats API Team Player On/Off Details****Get NBA Stats API Team Player On/Off Details****Usage**

```
nba_teamplayeronoffdetails(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  pace_adjust = "N",
  plus_minus = "N",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  rank = "N",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  shot_clock_range = "",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type

month	month
opponent_team_id	opponent_team_id
outcome	outcome
pace_adjust	pace_adjust
plus_minus	plus_minus
po_round	po_round
per_mode	per_mode
period	period
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: OverallTeamPlayerOnOffDetails, PlayersOffCourtTeamPlayerOnOffDetails, PlayersOnCourtTeamPlayerOnOffDetails

**Author(s)**

Saiem Gilani

---

t\_details

**Get NBA Stats API Team Details**


---

**Description**

**Get NBA Stats API Team Details**

**Get NBA Stats API Team Details**

**Usage**

```
nba_teamdetails(team_id = "1610612749")
```

**Arguments**

team\_id      Team ID

**Value**

Return a named list of data frames: TeamAwardsChampionships, TeamAwardsConf, TeamAwards-Div, TeamBackground, TeamHistory, TeamHof, TeamRetired, TeamSocialSites

**Author(s)**

Saiem Gilani

---

t\_est\_metr

**Get NBA Stats API Team Estimated Metrics**

---

**Description**

**Get NBA Stats API Team Estimated Metrics**

**Get NBA Stats API Team Estimated Metrics**

**Usage**

```
nba_teamestimatedmetrics(  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season"  
)
```

**Arguments**

league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star

**Value**

Return a named list of data frames: TeamEstimatedMetrics

**Author(s)**

Saiem Gilani



---

t\_gamelog

### Get NBA Stats API Team Game Log

---

#### Description

**Get NBA Stats API Team Game Log**

**Get NBA Stats API Team Game Log**

#### Usage

```
nba_teamgamelog(  
  date_from = "",  
  date_to = "",  
  league_id = "00",  
  season = "2020-21",  
  season_type = "Regular Season",  
  team_id = "1610612749"  
)
```

#### Arguments

date_from	date_from
date_to	date_to
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
season	Season - format 2020-21
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	Team ID

#### Value

Return a named list of data frames: TeamGameLog

#### Author(s)

Saiem Gilani

t\_gamelogs

Get NBA Stats API Team Game Logs

**Description****Get NBA Stats API Team Game Logs****Get NBA Stats API Team Game Logs****Usage**

```
nba_teamgamelogs(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  po_round = "",
  per_mode = "Totals",
  period = 0,
  player_id = "",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	League - default: '00'. Other options include '10': WNBA, '20': G-League
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id

outcome	outcome
po_round	po_round
per_mode	per_mode
period	period
player_id	Player ID
season	Season - format 2020-21
season_segment	season_segment
season_type	Season Type - Regular Season, Playoffs, All-Star
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: TeamGameLogs

**Author(s)**

Saiem Gilani

---

t\_ptpass

**Get NBA Stats API Team Dashboard Player Tracking - Passing**


---

**Description**

**Get NBA Stats API Team Dashboard Player Tracking - Passing**

**Get NBA Stats API Team Dashboard Player Tracking - Passing**

**Usage**

```
nba_teamdashptpass(
  date_from = "",
  date_to = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: PassesMade, PassesReceived

**Author(s)**

Saiem Gilani

---

t\_ptreb

**Get NBA Stats API Team Dashboard Player Tracking - Rebounding**

---

**Description**

**Get NBA Stats API Team Dashboard Player Tracking - Rebounding**

**Get NBA Stats API Team Dashboard Player Tracking - Rebounding**

**Usage**

```
nba_teamdashptreb(  
  date_from = "",  
  date_to = "",  
  game_segment = "",  
  last_n_games = 0,  
  league_id = "00",  
  location = "",  
  month = 0,  
  opponent_team_id = 0,  
  outcome = "",  
  per_mode = "Totals",  
  period = 0,  
  season = "2020-21",  
  season_segment = "",  
  season_type = "Regular Season",  
  team_id = "1610612749",  
  vs_conference = "",  
  vs_division = ""  
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: NumContestedRebounding, OverallRebounding, RebDistanceRebounding, ShotDistanceRebounding, ShotTypeRebounding

**Author(s)**

Saiem Gilani

---

t\_ptshots

---

**Get NBA Stats API Team Dashboard Player Tracking - Shots**


---

**Description**

**Get NBA Stats API Team Dashboard Player Tracking - Shots**

**Get NBA Stats API Team Dashboard Player Tracking - Shots**

**Usage**

```
nba_teamdashptshots(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
  per_mode = "Totals",
  period = 0,
  season = "2020-21",
  season_segment = "",
  season_type = "Regular Season",
  team_id = "1610612749",
  vs_conference = "",
  vs_division = ""
)
```

**Arguments**

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id

location	location
month	month
opponent_team_id	opponent_team_id
outcome	outcome
per_mode	per_mode
period	period
season	season
season_segment	season_segment
season_type	season_type
team_id	team_id
vs_conference	vs_conference
vs_division	vs_division

**Value**

Return a named list of data frames: ClosestDefender10ftPlusShooting, ClosestDefenderShooting, DribbleShooting, GeneralShooting, ShotClockShooting, TouchTimeShooting

**Author(s)**

Saiem Gilani

---

t\_vs\_p

**Get NBA Stats API Team vs Player**


---

**Description**

**Get NBA Stats API Team vs Player**

**Get NBA Stats API Team vs Player**

**Usage**

```
nba_teamvsplayer(
  date_from = "",
  date_to = "",
  game_segment = "",
  last_n_games = 0,
  league_id = "00",
  location = "",
  measure_type = "Base",
  month = 0,
  opponent_team_id = 0,
  outcome = "",
```

```

    po_round = "",
    pace_adjust = "N",
    per_mode = "Totals",
    period = 0,
    player_id = "",
    plus_minus = "N",
    rank = "N",
    season = "2020-21",
    season_segment = "",
    season_type = "Regular Season",
    shot_clock_range = "",
    team_id = "1610612749",
    vs_conference = "",
    vs_division = "",
    vs_player_id = "2544"
)

```

### Arguments

date_from	date_from
date_to	date_to
game_segment	game_segment
last_n_games	last_n_games
league_id	league_id
location	location
measure_type	measure_type
month	month
opponent_team_id	opponent_team_id
outcome	outcome
po_round	po_round
pace_adjust	pace_adjust
per_mode	per_mode
period	period
player_id	Player ID
plus_minus	plus_minus
rank	rank
season	season
season_segment	season_segment
season_type	season_type
shot_clock_range	shot_clock_range
team_id	team_id



```

vs_conference vs_conference
vs_division   vs_division
vs_player_id  vs_player_id

```

**Value**

Return a named list of data frames: OnOffCourt, Overall, ShotAreaOffCourt, ShotAreaOnCourt, ShotAreaOverall, ShotDistanceOffCourt, ShotDistanceOnCourt, ShotDistanceOverall, vsPlayerOverall

**Author(s)**

Saiem Gilani

---

t\_yby\_stats

**Get NBA Stats API Team Year by Year Stats**


---

**Description**

**Get NBA Stats API Team Year by Year Stats**

**Get NBA Stats API Team Year by Year Stats**

**Usage**

```

nba_teamyearbyyearstats(
  league_id = "00",
  per_mode = "Totals",
  season_type = "Regular Season",
  team_id = "1610612749"
)

```

**Arguments**

```

league_id      League - default: '00'. Other options include '10': WNBA, '20': G-League
per_mode       Per Mode
season_type    Season Type - Regular Season, Playoffs, All-Star
team_id       Team ID

```

**Value**

Return a named list of data frames: TeamStats

**Author(s)**

Saiem Gilani

update\_mbb\_db

**Update or create a hoopR play-by-play database****Description**

update\_mbb\_db() updates or creates a database with hoopR play by play data of all completed and available games since 2006.

**Usage**

```
update_mbb_db(
  dbdir = ".",
  dbname = "hoopR_db",
  tblname = "hoopR_mbb_pbp",
  force_rebuild = FALSE,
  db_connection = NULL
)
```

**Arguments**

dbdir	Directory in which the database is or shall be located
dbname	File name of an existing or desired SQLite database within dbdir
tblname	The name of the play by play data table within the database
force_rebuild	Hybrid parameter (logical or numeric) to rebuild parts of or the complete play by play data table within the database (please see details for further information)
db_connection	A DBIConnection object, as returned by <code>DBI::dbConnect()</code> (please see details for further information)

**Details**

This function creates and updates a data table with the name `tblname` within a SQLite database (other drivers via `db_connection`) located in `dbdir` and named `dbname`. The data table combines all play by play data for every available game back to the 2006 season and adds the most recent completed games as soon as they are available for hoopR.

The argument `force_rebuild` is of hybrid type. It can rebuild the play by play data table either for the whole hoopR era (with `force_rebuild = TRUE`) or just for specified seasons (e.g. `force_rebuild = c(2019, 2020)`). Please note the following behavior:

- `force_rebuild = TRUE`: The data table with the name `tblname` will be removed completely and rebuilt from scratch. This is helpful when new columns are added during the Off-Season.
- `force_rebuild = c(2019, 2020)`: The data table with the name `tblname` will be preserved and only rows from the 2019 and 2020 seasons will be deleted and re-added. This is intended to be used for ongoing seasons because ESPN's data provider can make changes to the underlying data during the week.

The parameter `db_connection` is intended for advanced users who want to use other DBI drivers, such as MariaDB, Postgres or `odbc`. Please note that the arguments `dbdir` and `dbname` are dropped in case a `db_connection` is provided but the argument `tblname` will still be used to write the data table into the database.

### Value

Returns a logical value (TRUE/FALSE)

---

update_nba_db	<b>Update or create a hoopR play-by-play database</b>
---------------	---

---

### Description

`update_nba_db()` updates or creates a database with hoopR play by play data of all completed and available games since 2002.

### Usage

```
update_nba_db(
  dbdir = ".",
  dbname = "hoopR_db",
  tblname = "hoopR_nba_pbp",
  force_rebuild = FALSE,
  db_connection = NULL
)
```

### Arguments

<code>dbdir</code>	Directory in which the database is or shall be located
<code>dbname</code>	File name of an existing or desired SQLite database within <code>dbdir</code>
<code>tblname</code>	The name of the play by play data table within the database
<code>force_rebuild</code>	Hybrid parameter (logical or numeric) to rebuild parts of or the complete play by play data table within the database (please see details for further information)
<code>db_connection</code>	A DBIConnection object, as returned by <code>DBI::dbConnect()</code> (please see details for further information)

### Details

This function creates and updates a data table with the name `tblname` within a SQLite database (other drivers via `db_connection`) located in `dbdir` and named `dbname`. The data table combines all play by play data for every available game back to the 2002 season and adds the most recent completed games as soon as they are available for hoopR.

The argument `force_rebuild` is of hybrid type. It can rebuild the play by play data table either for the whole hoopR era (with `force_rebuild = TRUE`) or just for specified seasons (e.g. `force_rebuild = c(2019, 2020)`). Please note the following behavior:

- `force_rebuild = TRUE`: The data table with the name `tblname` will be removed completely and rebuilt from scratch. This is helpful when new columns are added during the Off-Season.
- `force_rebuild = c(2019, 2020)`: The data table with the name `tblname` will be preserved and only rows from the 2019 and 2020 seasons will be deleted and re-added. This is intended to be used for ongoing seasons because ESPN's data provider can make changes to the underlying data during the week.

The parameter `db_connection` is intended for advanced users who want to use other DBI drivers, such as MariaDB, Postgres or `odbc`. Please note that the arguments `dbdir` and `dbname` are dropped in case a `db_connection` is provided but the argument `tblname` will still be used to write the data table into the database.

### Value

Returns a logical value (TRUE/FALSE)

---

winprobabilitypbp

**Get NBA Stats API Win Probability PBP**

---

### Description

**Get NBA Stats API Win Probability PBP**

**Get NBA Stats API Win Probability PBP**

### Usage

```
nba_winprobabilitypbp(game_id = "0021700807", run_type = "each second")
```

### Arguments

`game_id`            Game ID

`run_type`            Run Type

### Value

Return a named list of data frames:

### Author(s)

Saiem Gilani

---

year_to_season	<b>year to season (XXXX -&gt; XXXX-YY)</b>
----------------	--

---

**Description**

**year to season (XXXX -> XXXX-YY)**

**Usage**

year\_to\_season(year)

**Arguments**

year            Four digit year (XXXX)

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