

Package ‘ceblR’

May 8, 2026

Title Extract Data from the Canadian Elite Basketball League

Version 1.0.0

Description Gather boxscore and play-by-play data from the Canadian Elite Basketball League (CEBL) <<https://www.cebl.ca>> to create a repository of basic and advanced statistics for teams and players.

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Encoding UTF-8

RoxygenNote 7.3.2

Imports dplyr, lifecycle, magrittr, readr

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/awosoga/ceblR>, <https://awosoga.github.io/ceblR/>

BugReports <https://github.com/awosoga/ceblR/issues>

VignetteBuilder knitr

NeedsCompilation no

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load_cebl_coaches **Load CEBL Coaches**

Description

A function to load the Canadian Elite Basketball League (CEBL) coaches.

Usage

```
load_cebl_coaches(seasons = NULL)
```

Arguments

seasons A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL coaches for the specified seasons.

| Column Name | Type |
|----------------------------------|------|
| game_id | dbl |
| season | dbl |
| team_name | chr |
| coach_name | chr |
| coach_type | chr |
| first_name | chr |
| first_name_initial | chr |
| last_name | chr |
| last_name_initial | chr |
| international_first_name | chr |
| international_first_name_initial | chr |
| international_last_name | chr |
| international_last_name_initial | chr |
| scoreboard_name | chr |

Examples

```
load_cebl_coaches(2020:2021)
```

load_cebl_officials **Load CEBL Officials**

Description

A function to load the Canadian Elite Basketball League (CEBL) officials.

Usage

```
load_cebl_officials(seasons = NULL)
```

Arguments

seasons A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL officials for the specified seasons.

| Column Name | Type |
|----------------------------------|------|
| game_id | dbl |
| season | dbl |
| officials_type | chr |
| officials_name | chr |
| first_name | chr |
| last_name | chr |
| scoreboard_name | chr |
| first_name_initial | chr |
| last_name_initial | chr |
| international_first_name | chr |
| international_first_name_initial | chr |
| international_last_name | chr |
| international_last_name_initial | chr |
| scoreboard_name | chr |

Examples

```
load_cebl_officials(2020:2021)
```

load_cebl_pbp **Load CEBL Play-by-Play Data**

Description

A function to load the Canadian Elite Basketball League (CEBL) play-by-play data.

Usage

```
load_cebl_pbp(seasons = NULL)
```

Arguments

seasons A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL play-by-play data for the specified seasons.

| Column Name | Type |
|-----------------|------|
| game_id | dbl |
| season | dbl |
| game_time | chr |
| home_score | dbl |
| away_score | dbl |
| home_lead | dbl |
| team_id | dbl |
| period | dbl |
| period_type | chr |
| player_id | dbl |
| scoreboard_name | chr |
| success | dbl |
| action_type | chr |
| action_number | dbl |
| previous_action | dbl |
| sub_type | chr |
| scoring | dbl |
| shirt_number | dbl |
| player_name | chr |
| first_name | chr |
| last_name | chr |
| x | dbl |
| y | dbl |
| qualifier_0 | chr |
| qualifier_1 | chr |
| qualifier_2 | chr |
| qualifier_3 | chr |

| | |
|----------------------------------|-----|
| international_first_name | chr |
| international_last_name | chr |
| international_first_name_initial | chr |
| international_last_name_initial | chr |

Examples

```
load_cebl_pbp(2020)
```

```
load_cebl_player_boxscores
```

Load CEBL Player Boxscores

Description

A function to load the Canadian Elite Basketball League (CEBL) player boxscores.

Usage

```
load_cebl_player_boxscores(seasons = NULL)
```

Arguments

seasons A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL player boxscores for the specified seasons.

| Column Name | Type |
|-----------------------------------|------|
| game_id | dbl |
| season | dbl |
| team_name | chr |
| player_number | dbl |
| player_name | chr |
| player_position | chr |
| minutes | chr |
| podbls | dbl |
| field_goals_made | dbl |
| field_goals_attempted | dbl |
| field_goal_percentage | dbl |
| two_podbl_field_goals_made | dbl |
| two_podbl_field_goals_attempted | dbl |
| two_podbl__percentage | dbl |
| three_podbl_field_goals_made | dbl |
| three_podbl_field_goals_attempted | dbl |

| | |
|----------------------------------|-----|
| three_podbl_percentage | dbl |
| free_throws_made | dbl |
| free_throws_attempted | dbl |
| free_throw_percentage | dbl |
| offensive_rebounds | dbl |
| defensive_rebounds | dbl |
| rebounds | dbl |
| assists | dbl |
| turnovers | dbl |
| steals | dbl |
| blocks | dbl |
| blocks_received | dbl |
| personal_fouls | dbl |
| fouls_drawn | dbl |
| plus_minus | dbl |
| index_rating | dbl |
| index_rating_2 | dbl |
| index_rating_3 | dbl |
| index_rating_4 | dbl |
| index_rating_5 | dbl |
| index_rating_6 | dbl |
| index_rating_7 | lgl |
| second_chance_points | lgl |
| fast_break_points | lgl |
| points_in_the_paint | dbl |
| first_name | chr |
| first_name_initial | chr |
| last_name | chr |
| last_name_initial | chr |
| international_first_name | chr |
| international_first_name_initial | chr |
| international_last_name | chr |
| international_last_name_initial | chr |
| scoreboard_name | chr |
| active | lgl |
| starter | lgl |
| captain | lgl |
| photo_t | chr |
| photo_s | chr |

Examples

```
load_cebl_player_boxscores(2020:2021)
```

| | |
|--------------------|--------------------------------|
| load_cebl_schedule | Load CEBL Game Schedule |
|--------------------|--------------------------------|

Description

A function to load the Canadian Elite Basketball League (CEBL) schedule.

Usage

```
load_cebl_schedule(seasons = NULL)
```

Arguments

`seasons` A vector of seasons (years) to filter the data. if NULL, defaults to the range from 2019 to the current year.

Value

A data frame containing the CEBL schedule for the specified seasons.

| Column Name | Type |
|------------------------|------|
| fiba_id | dbl |
| season | dbl |
| start_time_utc | dtm |
| status | chr |
| competition | chr |
| venue_name | chr |
| period | dbl |
| home_team_id | dbl |
| home_team_name | chr |
| home_team_score | dbl |
| home_team_logo_url | chr |
| home_team_url_stats_en | chr |
| home_team_url_stats_fr | chr |
| away_team_id | dbl |
| away_team_name | chr |
| away_team_score | dbl |
| away_team_logo_url | chr |
| away_team_url_stats_en | chr |
| away_team_url_stats_fr | chr |
| stats_url_en | chr |
| stats_url_fr | chr |
| cebl_stats_url_en | chr |
| cebl_stats_url_fr | chr |
| tickets_url_en | chr |
| tickets_url_fr | chr |
| id | dbl |
| fiba_json_url | chr |

Examples

```
load_cebl_schedule(2020:2021)
```

 load_cebl_team_boxscores

Load CEBL Team Boxscores

Description

A function to load the Canadian Elite Basketball League (CEBL) team boxscores.

Usage

```
load_cebl_team_boxscores(seasons = NULL)
```

Arguments

seasons A vector of seasons (years) to filter the data.

Value

A data frame containing the CEBL team boxscores for the specified seasons.

| Column Name | Type |
|-----------------------------------|------|
| game_id | dbl |
| season | dbl |
| team_name | chr |
| short_name | chr |
| code | chr |
| team_score | dbl |
| minutes | chr |
| field_goals_made | dbl |
| field_goals_attempted | dbl |
| field_goal_percentage | dbl |
| two_point_field_goals_made | dbl |
| two_point_field_goals_attempted | dbl |
| two_point_percentage | dbl |
| three_point_field_goals_made | dbl |
| three_point_field_goals_attempted | dbl |
| three_point_percentage | dbl |
| free_throws_made | dbl |
| free_throws_attempted | dbl |
| free_throw_percentage | dbl |
| offensive_rebounds | dbl |
| defensive_rebounds | dbl |
| rebounds | dbl |
| assists | dbl |
| steals | dbl |
| turnovers | dbl |
| blocks | dbl |

| | |
|--------------------------|-----|
| blocks_received | dbl |
| personal_fouls | dbl |
| fouls_drawn | dbl |
| total_fouls | dbl |
| bonus_fouls | dbl |
| points_in_the_paint | dbl |
| second_chance_points | dbl |
| points_from_turnovers | dbl |
| bench_points | dbl |
| fast_break_points | dbl |
| team_index_rating | dbl |
| team_index_rating_2 | dbl |
| team_index_rating_3 | dbl |
| team_index_rating_4 | dbl |
| team_index_rating_5 | dbl |
| team_index_rating_6 | dbl |
| team_index_rating_7 | dbl |
| team_fouls | dbl |
| team_turnovers | dbl |
| team_rebounds | dbl |
| team_defensive_rebounds | dbl |
| team_offensive_rebounds | dbl |
| period_1_score | dbl |
| period_2_score | dbl |
| period_3_score | dbl |
| period_4_score | dbl |
| biggest_lead | dbl |
| biggest_scoring_run | dbl |
| time_leading | dbl |
| lead_changes | dbl |
| times_scores_level | dbl |
| timeouts_left | dbl |
| head_coach | chr |
| assistant_coach_1 | chr |
| assistant_coach_2 | chr |
| international_team_name | chr |
| international_short_name | chr |
| international_code | chr |
| logo | chr |
| logo_t_url | chr |
| logo_t_size | chr |
| logo_t_height | dbl |
| logo_t_width | dbl |
| logo_t_bytes | dbl |
| logo_s_url | chr |
| logo_s_size | chr |
| logo_s_height | dbl |
| logo_s_width | dbl |

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load_cbl_team_boxscores

logo_s_bytes

dbl

Examples

```
load_cbl_team_boxscores(2020:2021)
```

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