Package: PlayerChart (via r-universe)

August 26, 2024

Title Generate Pizza Chart: Player Stats 0-100

Version 1.0.0

Description Create an interactive pizza chart visualizing a specific
player's statistics across various attributes in a sports
dataset. The chart is constructed based on input parameters:
'data', a dataframe containing player data for any sports;
'player_stats_col', a vector specifying the names of the
columns from the dataframe that will be used to create slices
in the pizza chart, with statistics ranging between 0 and 100;
'name_col', specifying the name of the column in the dataframe
that contains the player names; and 'player_name', representing
the specific player whose statistics will be visualized in the
chart, serving as the chart title.

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Encoding UTF-8

RoxygenNote 7.3.1

Imports dplyr, ggplot2, ggtext, magrittr, tidyr

NeedsCompilation no

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player_pizza_chart   *Create a pizza chart for sports player.*

Description

Create a pizza chart for sports player.

Usage

```
player_pizza_chart(data, player_stats_col, name_col, player_name)
```

Arguments

data   an input dataframe containing the player data.

player_stats_col

a vector specifying the names of the columns from the dataframe that will be used to create slices in the pizza chart. Stats must be between 0 to 100.

name_col   specifies the name of the column in the dataframe that contains the player names.

player_name   specifies the name of the player (or the value of 'name_col' parameter) whose statistics will be visualized in the chart.

Value

an interactive pizza chart for a player.

Examples

```
# Create a generic dataframe for the example
player_data <- data.frame(
  Name = c('Player1', 'Player2', 'Player3'),
  Crossing = c(70, 80, 85),
  Finishing = c(75, 85, 80),
  Volleys = c(65, 70, 75),
  FK_Accuracy = c(70, 75, 80)
)

player_pizza_chart(player_data,
player_stats_col=c('Crossing', 'Finishing', 'Volleys', 'FK_Accuracy'),
                   name_col = 'Name', player_name = 'Player1')
```

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