

# Package ‘PlayerChart’

July 21, 2025

**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.

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.1

**Imports** dplyr, ggplot2, ggtext, magrittr, tidyr

**NeedsCompilation** no

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**Repository** CRAN

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player_pizza_chart	Create a pizza chart for sports player.
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**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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