For now, let’s just focus on implementing these graphs.

**Graphics**

**Radar Chart**

I will provide values in an excel document.

**Age Density (see picture attached)**

Title of Graph: Age Density of FIFA 18 Players

X-axis: Density

Y-axis: Age

I will provide R commands to fill chart. Just create one with fake values for now.

**Interactive Charts**

**FIFA Player Comparison**

Application Example + Code: https://www.showmeshiny.com/nba-player-comparison/

I’ll provide the necessary statistics. We will compare 4 players, and the comparison point will be “Total Goals”, and “Total Assists”.

Note: This info will not come from the FIFA dataset, I’ll find it myself. Just use fake values for now (for ex. Ronaldo scored 30 goals 2010-11 season, etc.)

We will use stats from the last 7 seasons.

**Simple Column Chart**

**Overall Best Football Club**

Title: Top 10 Football Clubs Ranked by Player Ratings

**Overall Best National Team**

Title: Top 10 National Teams Ranked by Player Ratings

**Which continent’s players are best at which attribute**

First Attribute: Stamina

Second Attribute: Speed

Third Attribute: Strength

**Implementing R powered web applications with Shiny**

The following links are really helpful in Creating Interactive data visualization using Shiny App in R (with examples)

<http://zevross.com/blog/2016/04/19/r-powered-web-applications-with-shiny-a-tutorial-and-cheat-sheet-with-40-example-apps/>

<https://www.bioconductor.org/help/course-materials/2015/CSAMA2015/lab/shiny.html>

<https://www.analyticsvidhya.com/blog/2016/10/creating-interactive-data-visualization-using-shiny-app-in-r-with-examples/>