

```
explore_teams_and_players.Rmd* x explore_teams_and_players.R
Source on Save Run Source
1 v ## ----setup, include=FALSE-----
2 knitr::opts_chunk$set(echo = TRUE, message = FALSE)
3 ~
4 v ## ----message=FALSE-----
5 library(readr) # Load the package 'readr' in order to read .csv files into R
6 players <- read_csv("data/players.csv")
7 colnames(players) <- gsub(" ", "_", colnames(players))
8 colnames(players)[colnames(players) %in% "Time_On_Ground_%"] <- "Time_On_Ground_prop"
9 ~
10 v ## ----
11 library(knitr) # package knitr allows to print a dataset on screen in a nicer way. Compare the two ways below.
12 head(players)
13 kable(head(players))
14 ~
15 v ## ----
16 #View(players)
17 ~
18 v ## ----
19 players$Club[1:10]
20 ~
21 v ## ----
22 players$Kicks_TOT[1:10]
23 ~
24 v ## ----
25 players$Kicks_AVG[1:10]
26 ~
27 v ## ----
28 table(players$Club)
29 ~
30 v ## ----
31 library(ggplot2)
32 ggplot(data = players, aes(x=Club, fill=Club)) + geom_bar() + theme_bw()
33 ggplot(data = players, aes(x=Club, fill=Club)) + geom_bar() + theme_bw() + coord_flip()
34 ~
35 v ## ----
36 table(players$Kicks_TOT)
8:14 message=FALSE : R Script :
```

```
Console Terminal x
~/Desktop/Analyses_for_others/brainSTEMM/ ➤
/var/folders/2b/9q8hw_092dg9d80pbmt:jvndr00023z/1//Rtmp1a4epX/downloaded_packages
> library(here)
> img <- readPNG(file.path(here(), "Figures/varie/Rladies/Logo.png"))
Error in readPNG(file.path(here(), "Figures/varie/Rladies/Logo.png")) :
could not find function "readPNG"
> library(png)
> library(grid)
```

Environment History Connections Git

Import Dataset

Global Environment

Values

img Large array (3804320 elements, 29 Mb)

Files	Plots	Packages	Help	Viewer
New Folder	Delete	Rename	More	
Home > Desktop > Analyses_for_others > brainSTEMM				
		Name	Size	Modified
		..		
		.gitignore	40 B	May 25, 2018, 10:39 AM
		AFLW.Rproj	257 B	May 25, 2018, 10:39 AM
		app.R	3 KB	May 6, 2018, 4:05 PM
		data		
		explore_teams_and_players.html	5.3 MB	May 6, 2018, 5:21 PM
		explore_teams_and_players.R	4.1 KB	May 6, 2018, 5:20 PM
		explore_teams_and_players.Rmd	8 KB	May 25, 2018, 10:51 AM
		players		
		teams		
		Figures		