Lab2Q3

Please make sure "database.sqlite" file is in current working directory.

## Installing and Loading required libraries

if(!require(RSQLite))  
 install.packages("RSQLite")  
library(RSQLite,quietly = T)

## Creating connection to sqlite

con = dbConnect(SQLite(),dbname = "database.sqlite")  
  
dbListTables(con)

## [1] "Country" "League" "Match"   
## [4] "Player" "Player\_Attributes" "Team"   
## [7] "Team\_Attributes" "sqlite\_sequence"

## Pulling all the data from Player

Player = dbGetQuery(con,"SELECT \* FROM Player")  
  
head(Player)

## id player\_api\_id player\_name player\_fifa\_api\_id  
## 1 1 505942 Aaron Appindangoye 218353  
## 2 2 155782 Aaron Cresswell 189615  
## 3 3 162549 Aaron Doran 186170  
## 4 4 30572 Aaron Galindo 140161  
## 5 5 23780 Aaron Hughes 17725  
## 6 6 27316 Aaron Hunt 158138  
## birthday height weight  
## 1 1992-02-29 00:00:00 182.88 187  
## 2 1989-12-15 00:00:00 170.18 146  
## 3 1991-05-13 00:00:00 170.18 163  
## 4 1982-05-08 00:00:00 182.88 198  
## 5 1979-11-08 00:00:00 182.88 154  
## 6 1986-09-04 00:00:00 182.88 161

## Pulling all the data from Team

Team = dbGetQuery(con,"SELECT \* FROM Team")  
  
head(Team)

## id team\_api\_id team\_fifa\_api\_id team\_long\_name team\_short\_name  
## 1 1 9987 673 KRC Genk GEN  
## 2 2 9993 675 Beerschot AC BAC  
## 3 3 10000 15005 SV Zulte-Waregem ZUL  
## 4 4 9994 2007 Sporting Lokeren LOK  
## 5 5 9984 1750 KSV Cercle Brugge CEB  
## 6 6 8635 229 RSC Anderlecht AND

## Saving data frames to .csv files

write.csv(Player,file = "player.csv",row.names = F)  
write.csv(Team,file = "team.csv",row.names = F)