

DataFrames

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22/7/2020

Carga de dataset en formato CSV

```
df = read.csv("../Data/players_15.csv",
              header = TRUE
            )
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

```
df= select(df,3,5,7,8,9,10)
```

Creando sub-dataframe

```
df1 = df[df$club=="FC Barcelona", ]
str(df1)
```

```
## 'data.frame':   24 obs. of  6 variables:
## $ short_name : chr  "L. Messi" "L. Suárez" "Neymar" "Xavi" ...
## $ age        : int   27 27 22 34 25 27 26 26 30 31 ...
## $ height_cm  : int   169 181 175 170 189 192 169 184 174 173 ...
## $ weight_kg  : int    67 81 64 68 73 85 64 75 74 64 ...
## $ nationality: chr   "Argentina" "Uruguay" "Brazil" "Spain" ...
## $ club       : chr   "FC Barcelona" "FC Barcelona" "FC Barcelona" "FC Barcelona" ...
```

```
droplevels(df1)
```

```
##           short_name age height_cm weight_kg nationality      club
## 1           L. Messi  27         169         67  Argentina FC Barcelona
## 6           L. Suárez  27         181         81   Uruguay FC Barcelona
## 20            Neymar  22         175         64    Brazil FC Barcelona
```

## 28	Xavi	34	170	68	Spain FC Barcelona
## 33	Sergio Busquets	25	189	73	Spain FC Barcelona
## 45	Piqué	27	192	85	Spain FC Barcelona
## 72	Pedro	26	169	64	Spain FC Barcelona
## 76	I. Rakitić	26	184	75	Croatia FC Barcelona
## 85	J. Mascherano	30	174	74	Argentina FC Barcelona
## 87	Dani Alves	31	173	64	Brazil FC Barcelona
## 96	C. Bravo	31	185	84	Chile FC Barcelona
## 102	M. ter Stegen	22	189	82	Germany FC Barcelona
## 159	Jordi Alba	25	170	69	Spain FC Barcelona
## 265	J. Mathieu	30	192	82	France FC Barcelona
## 377	T. Vermaelen	28	182	75	Belgium FC Barcelona
## 440	Rafinha	21	177	70	Brazil FC Barcelona
## 542	Montoya	23	174	74	Spain FC Barcelona
## 720	Marc Bartra	23	183	70	Spain FC Barcelona
## 854	Adriano	29	172	67	Brazil FC Barcelona
## 893	Sergi Roberto	22	177	70	Spain FC Barcelona
## 3090	Jordi Masip	25	180	72	Spain FC Barcelona
## 3390	Douglas	23	171	63	Brazil FC Barcelona
## 4662	Sandro	18	175	71	Spain FC Barcelona
## 5435	Munir	18	172	62	Spain FC Barcelona

```
dfArgBarc = filter(df, club == "FC Barcelona" & nationality == "Argentina")
head(dfArgBarc)
```

##	short_name	age	height_cm	weight_kg	nationality	club
## 1	L. Messi	27	169	67	Argentina	FC Barcelona
## 2	J. Mascherano	30	174	74	Argentina	FC Barcelona