
Project
2.EuroCup Soccer

Scenario

You are a **sports data analyst** and you have been tasked with summarizing data from the matches from a previous EuroCup. Your manager would like the following questions answered.

Get the Data

Download dataset here.

Read in the data

```
data = pd.read_csv('https://raw.githubusercontent.com/guipsamora/pandas_exercises/master/02_Filtering_%26_Sorting/Euro12/Euro_2012_stats_TEAM.csv', sep=',')
```

Problems

1.How many teams participated in the Euro2012?

15

2. What is the number of columns in the dataset?

35

3.View only the columns Team, Yellow Cards and Red Cards and assign them to a data frame called discipline.

Using this formula you can create table ,

Discipline =

```
SUMMARIZE(EuroCup_Soccer,EuroCup_Soccer[Team],EuroCup_Soccer[Red Cards],EuroCup_Soccer[Yellow Cards])
```

Team	Red Cards	Yellow Cards
Czech Republic	0	7
Denmark	0	4
England	0	5
France	0	6
Germany	0	4
Italy	0	16
Netherlands	0	5
Portugal	0	12
Russia	0	6
Spain	0	11
Sweden	0	7
Ukraine	0	5
Greece	1	9
Poland	1	7
Republic of Ireland	1	6

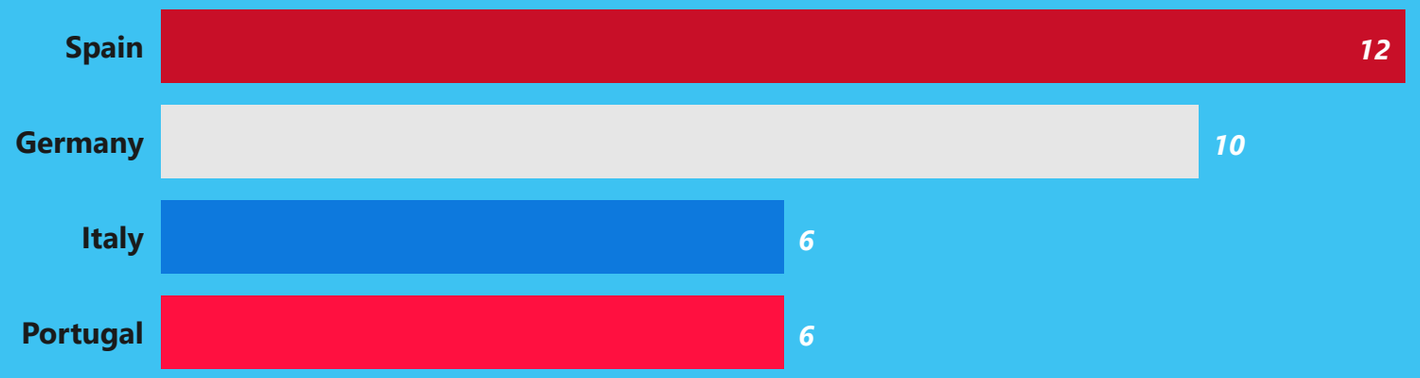
4. Sort the teams by Red Cards, then to Yellow Cards.

5. Calculate the mean Yellow Cards given per Team.

AVG. Yellow Card per Team	AVG. Red Card per Team
7.33	0.20

6. Filter teams that scored more than 6 goals.

Goals scored by Team



6. Select the teams that start with the letter G.

Team
Germany
Greece

7. Present only the Shooting Accuracy from England, Italy and Russia.