

PANDAS ASSIGNMENT

Using the data 'football.csv' do the following:

1. Read the football.csv as a pandas dataframe
2. Find the number of teams participated in the football matches.
3. Sort the teams by the number of red cards they received and print
4. Calculate the mean Red Cards of all the teams.
5. What is the minimum and maximum number of goals
6. What is the mean shooting accuracy based on the number of goals scored.
7. What is the total number shots based on number of players used.

Using the data 'samp.user' do the following:

1. Read the samp.user file as a dataframe with user_id field as index column (Hint: use read_table from pandas library)
2. What is the min and max age per occupation
3. What is the mean age of all the persons based on occupation and gender
4. For each occupation, calculate the percentage of women and men.