

R Practice 2 - Slicing and Indexing

Point72

January 15, 2017

The table below shows soccer standings. The columns have the following meaning:

- P: games played
- W: games won
- D: games tied
- L: games lost
- F: goals scored
- A: goals allowed

Team	P	W	D	L	F	A
Benfica	6	2	1	3	7	8
Manchester United	6	4	0	2	10	5
FC Copenhagen	6	2	1	3	5	8
Celtic	6	3	0	3	8	9

Assume all of the questions below are dependent

1. Manually create a data frame with the information from the table above. Keep the rows in the same order as above.
2. Insert a row for the LA Galaxy between Manchester United and FC Copenhagen using the indexing and slicing syntax we have learned. The LA Galaxy have played 6 games and won 3, tied 1 and lost 2. They have 12 goals scored and 3 goals against.
3. Benfica just played Celtic and won 4-3. Update the standings using the indexing syntax.

4. Each team receives 3 points for a win and 1 for a tie. Create a new column in the data frame that keeps track of the total points for each team.
5. Rank the teams by the points they have accumulated with the tie breaker being goals for.