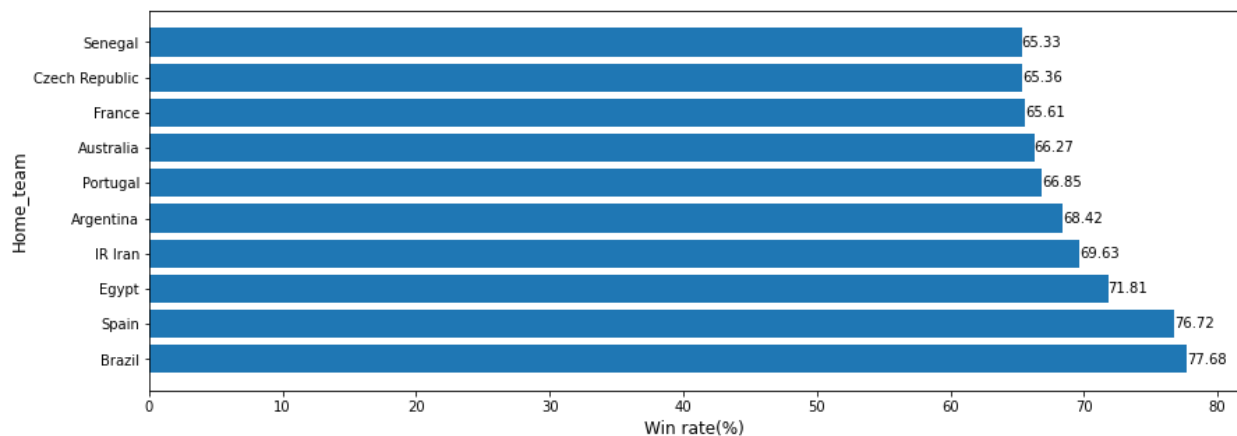


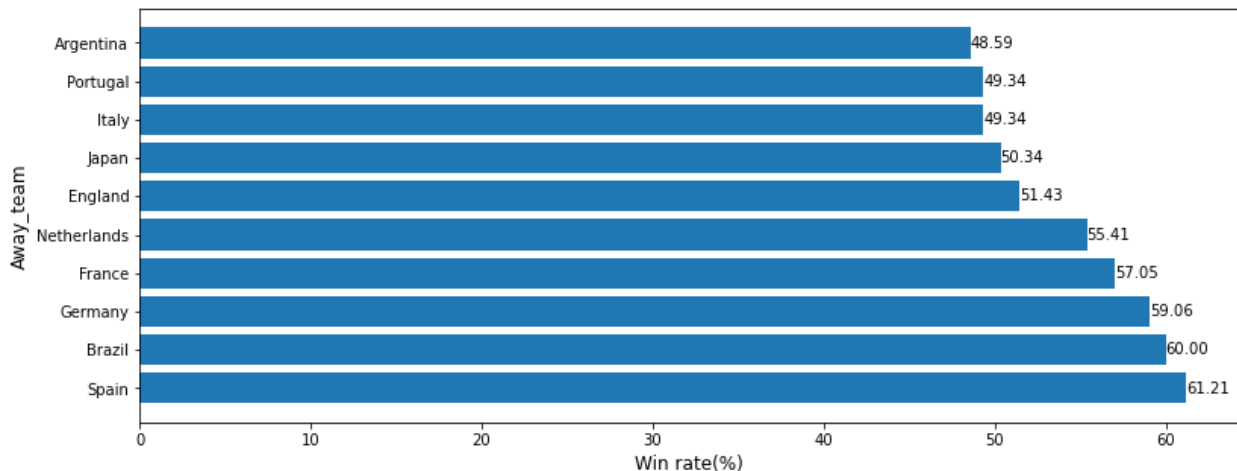
Is there really such a thing as a home-team advantage?

When I first saw the question I thought that home-team advantage was non-existent because it was just a change of venue for the players, but after I saw some data I realized that the home-team advantage was true. First I first looked at the top ten FIFA teams with the highest home and away win rates and then I found that for example, Brazil, a strong elite soccer team, at home game their win rate is 77.68% but on the away game it is reduced to 60% and we see that the highest win rate of home-team, Brazil has 77.68% while the highest win rate of the away team, Spain is only 61.21%. This difference is almost 16% of the winning percentage.

Top 10 home-team win rates:

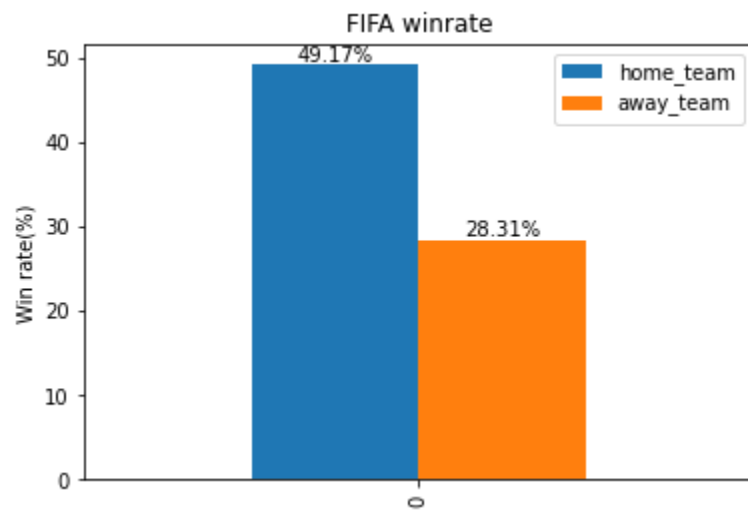


Top 10 away-team win rates:



After looking at the individual team win percentages I looked at the total win percentages for both sides and found that the home win percentage was also overwhelmingly higher than the away game at 49.17% while the away game was only a paltry 28.31% and the number of goals scored at home was 38,494 while the away game was only 25,554. All of this shows that the team's win percentage at home is much higher than when playing as an away team. Of course, there are many factors other than the venue that can affect the game and really create a home-field advantage such as the number of local spectators, the condition of the players on the day, the weather, etc.

Total win rates:



Total scores:

