

Unit 2 Project

Statement:

The 2018 Major League Soccer season consisted of 23 clubs. Of the 23 clubs, only 12 clubs qualified for the playoffs. The prediction is that the total player compensation invested by each of the clubs will be associated with the standings.

Proposed Test:

To analyze each the MLS clubs regular season standings. The hypothesis is that above average player compensation will result in playoff qualification.

Result:

Using the soccer dataset, I created two tables by separating the clubs on the criteria of playoff qualification. There were 12 clubs that qualified for the playoffs. The average total compensation for each these 12 clubs was \$10,699,464.47. Also, the average points accumulated for the regular season was 57.17. The average total compensation for each the 11 clubs that did not qualify for the playoffs was \$11,743.792.06. These 11 clubs had an average of 36.73 points for the regular season.

Based on the results, clubs that spent on higher player compensation averaged lower points and did not qualify for playoffs in the 2018 MLS season.