

Premier League Football Prediction Algorithm

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What is it?

The algorithm is going to predict the outcome of a premier league football match using statistics that are gathered from previous matches. The previous matches will be from the past few years, statistics such as home advantage, amount of goals for each team and possession will be used.

Alongside the algorithm I will be creating a website and possibly a mobile application to notify of goals and correct predictions, as well as a general place to display all the results that the algorithm produces.



https://www.clipartmax.com/middle/m2i8K9N4N4d3K9m2_big-image-statistics-clipart-no-background/



Premier League

<http://www.nsawins.com/betting/english-premier-league-betting-tips-football-predictions/>

Why?

The reason I am undertaking this project is due to the lack of free prediction algorithms, a less bet centred project that are only used to attract a profit on a subscription basis. My algorithm will likely not be as advanced as ones found online, however it will be free to general use.

The general client and users would be people looking to place bets on a match based from the algorithms results or people who want to test there accuracy when trying to a predict a football games' outcome. Because of the betting side of the algorithm I would add a disclaimer that my algorithm should not have bets placed based from its result as the accuracy would never be 100% and I wouldn't be liable.

How?

I plan to create the project using languages such as PHP, JavaScript, Java and Python.

I would create the algorithm using a database of previous matches, or using an API to get live match results and add them to the network of matches. I could also use this API to update the website and application when a team scores or a new result needs adding etc, reducing manual work.

Evaluation

To evaluate my product I would compare its results to actual reliable prediction sources. A good example of this would be the Betfair website. Due to the way Betfair operates, in short its odds are relatively accurate to the percentage chance that a team is going to win lose or draw. This is due to the amount of people that bet on an outcome effects the odds that Betfair are offering directly.