English Premier League Full Time Result Classifier

The Barclay’s English Premier League (EPL) is arguably the greatest soccer (football) league in the world. With the likes of Liverpool, Manchester United, Chelsea, and Arsenal, the EPL is one of the most dynamic, fast paced, unpredictable leagues in the world. Teams in the EPL play in a 38-match season from September through May of each year, while facing each opposing team twice. Over the last two decades, the website Football-Data-Co (<https://www.football-data.co.uk/englandm.php>) has gathered results, match statistics, and betting odds of every EPL game. We’ll be utilizing some of the data to create a fixture prediction model which will give us an output, depending on a certain set of variables, the result of the match.

One of the most famous websites to predict EPL matches is the legendary FiveThirtyEight, which can be found here: <https://projects.fivethirtyeight.com/soccer-predictions/premier-league/>

FiveThirtyEight uses state of the art machine learning and data analysis to predict, with incredible accuracy, results of EPL matches, political races, and other sports fixtures. Additional websites that predict EPL matches are ForeBet (<https://www.forebet.com/en/football-tips-and-predictions-for-england/premier-league>) and The Analyst (<https://theanalyst.com/na/2021/12/predicting-the-premier-league/>). We’ll do our best to create a similarly structured prediction model using Random Forests and Gradient Boosted Trees.

Interested in predicting and betting odds for your favorite EPL teams? This classifier will help you predict and gain insight into the upcoming matches and results that will give you a leg up on your friends. Let’s play!