



# EPL MATCH PREDICTION

PREDICTING YOUR WAY TO THE TOP

# MOTIVATION

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This application allows users to explore one of the most fundamental question known to sports fans: who will [win](#)?

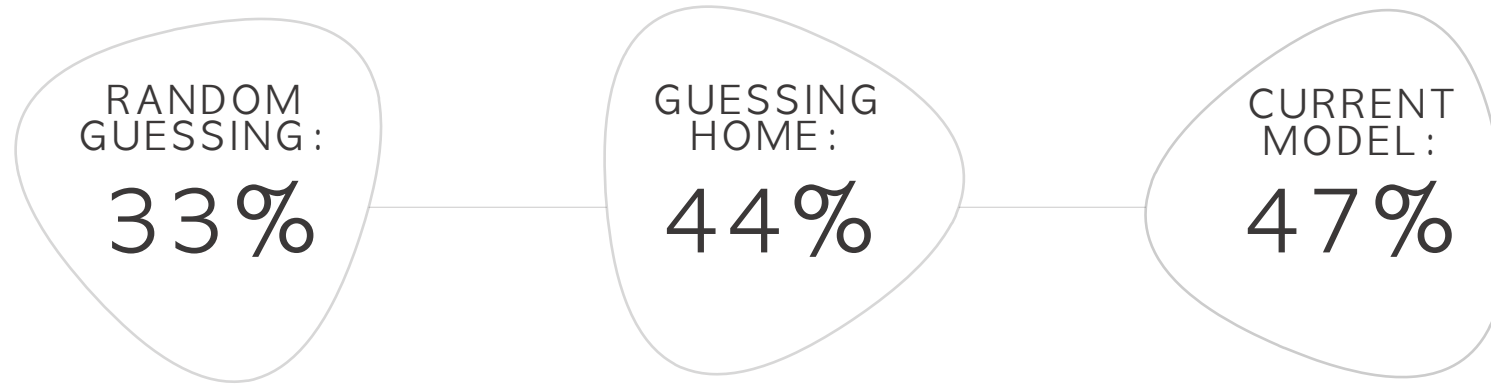


# DATA

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European Soccer Database was pulled from from [Kaggle](#) to build the prediction model. It includes historical match results for a number of European leagues, teams and their attributes (e.g. offensive style), and other player information.



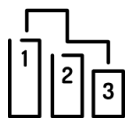


## LOGISTIC REGRESSION & SUCCESS METRICS

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A multinomial logistic regression model was fit on the dataset to predict which side would win the match. The predictors mainly consist of team attributes for both the home and away sides. Classification rate was used as the success metric to evaluate the model.

# INSIGHT



STANDINGS



PREDICTED



CURRENT

1		MANCHESTER UNITED		MANCHESTER CITY
2		ARSENAL		MANCHESTER UNITED
3		MANCHESTER CITY		LIVERPOOL
4		TOTTENHAM HOTSPUR		TOTTENHAM HOTSPUR
5		LEICESTER CITY		CHELSEA
6		LIVERPOOL		ARSENAL

# THANK YOU!



SPENCER MOON

NU '14, '18

