

## Premier League Sports-betting

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### Agenda

Business Understanding

Dataset Overview

3 Methods



4 Findings & Recommendations

**5** Future Research

# Classifying Full-Time Result of a Premier League game

## 66% accuracy

## **Business Understanding**

### Premier League betting model

Assist bettors who gamble on PL games





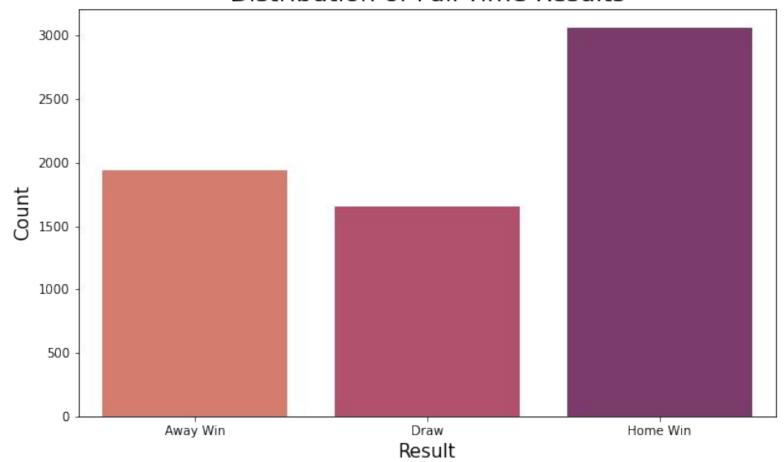
## Data

#### **Dataset**

- Premier League matches
  - o 2003/2004 2021 season

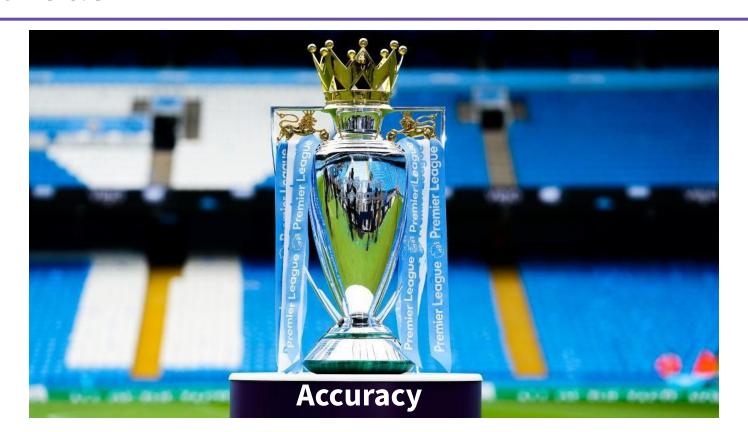


#### Distribution of Full-Time Results



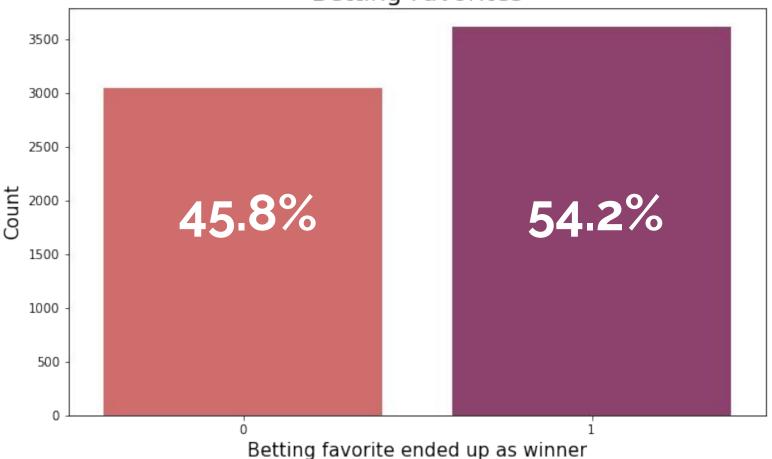
## Methods

### **Methods**

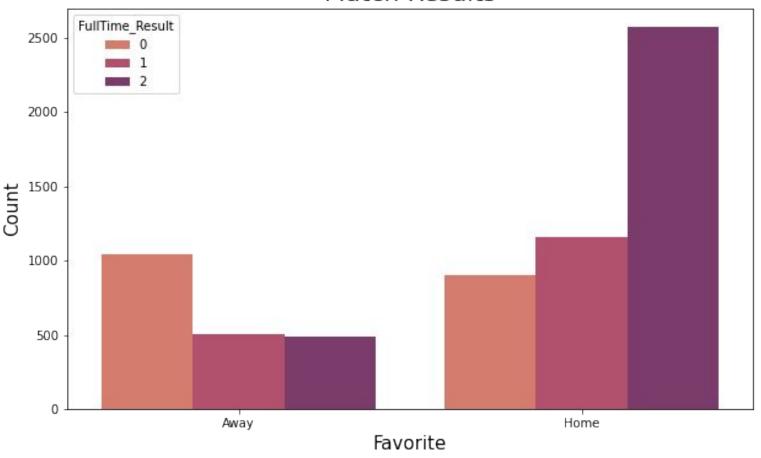


## **Key Findings**

#### **Betting Favorites**



#### Match Results



## **Key Findings**

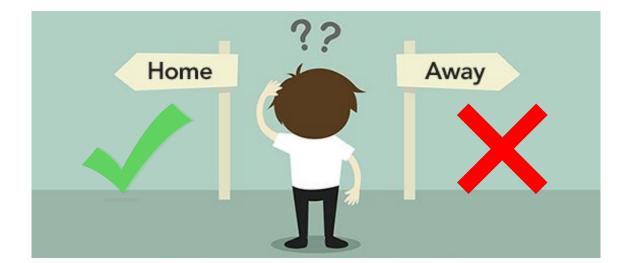
#### • Key features

o Home team favorite

## Recommendations

### "There's no place like home"

- Do NOT always bet on the favorite
- If unsure, bet on the home team



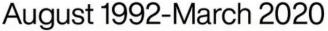
## **Future Research**

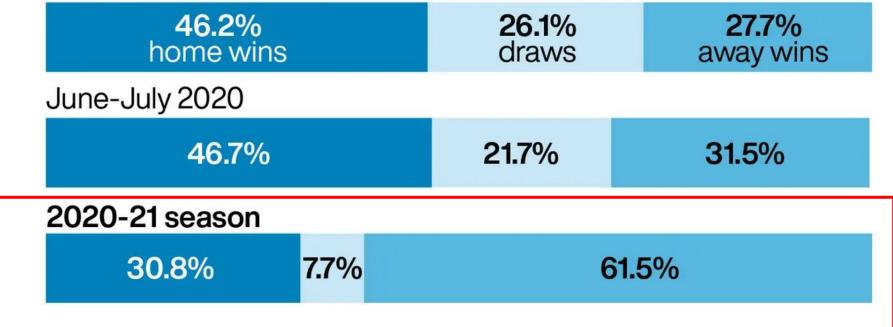
#### Areas of future research

- Specific team line-ups
- Results of heavy/even betting odds
- Effect of COVID-19 season



### Premier League matches





PA graphic. Figures are for matches up to & including Sep 27 Percentages do not add up to 100% due to rounding

### Thank you!

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## Appendix