



# Premier League Predictions

Using Data Science and AI

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# Problem Statement

Analyzing and Predicting Performance Trends in the Premier League: A Data-Driven Approach

- Predict the match results
- Predict the Table at the end of season.



# Tech Stack

## Technology used in the project

- Python: Widely used for data manipulation, analysis, and machine learning due to its rich ecosystem of libraries and ease of use.
- Data Manipulation and Analysis: Pandas
- Data Visualization : Matplotlib
- Machine Learning and Data Modeling: Logistic Regression, XGBoost, Support Vector Machines
- Version Control: Git, [Github](#)



## Activity Diagram

Visualize the overall control flow..  
[Diagram Link](#)  
Alt





## Data Flow Diagram

*at a lower level can depict the flow of data within a specific process or module, detailing input, processing, and output. [Diagram Link Alt](#)*

