

# **IPL First Innings Score Predictor Project Proposal**

## **Project Context**

This project aims to create a predictive model for estimating final scores in the first innings of IPL matches, leveraging historical data to forecast outcomes with high accuracy to enhance strategic planning and engagement for various stakeholders.

## **Criteria for Success**

The success of the project will be measured by the predictive accuracy of the model, with the objective to achieve a lower error margin than a pre-established benchmark. Model performance will be compared against standard predictive models to ensure it meets competitive standards.

## **Stakeholders**

The primary stakeholders of this project include IPL teams and their coaching staff, sports analysts, betting companies, fantasy cricket players, and broadcasters. These parties will directly benefit from the insights provided by the model.

## **Constraints**

The project is constrained by data availability and quality, computational resources, the need for real-time predictions, and the unpredictability of certain variables such as weather and player performance.

## **Approach**

Our approach encompasses data preparation, in-depth exploratory analysis, careful feature selection, and the deployment of machine learning algorithms. The final stage will involve the thorough validation of the model's predictive capabilities and its interpretability for all stakeholders.