IPL Data Analysis Project

Portfolio Report

Presented by

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Project Overview

This project explores and analyzes historical IPL data using Python and Power BI. The goal is to derive actionable insights on team performance, player statistics, and match outcomes.

 Dataset Used:
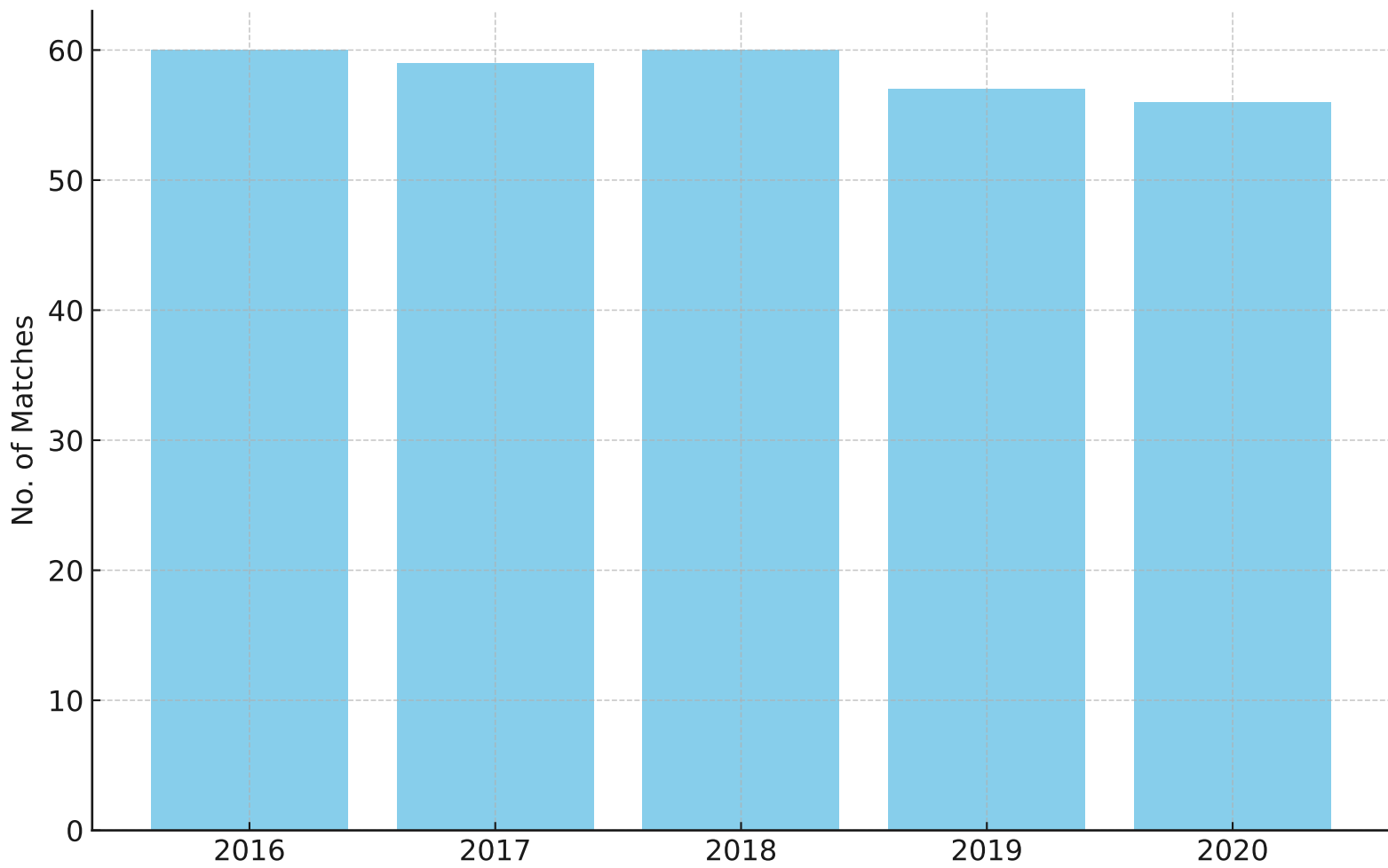- matches.csv
- deliveries.csv
Source: Kaggle IPL Dataset

 Tools & Libraries:
- Python (Pandas, Matplotlib, Seaborn)
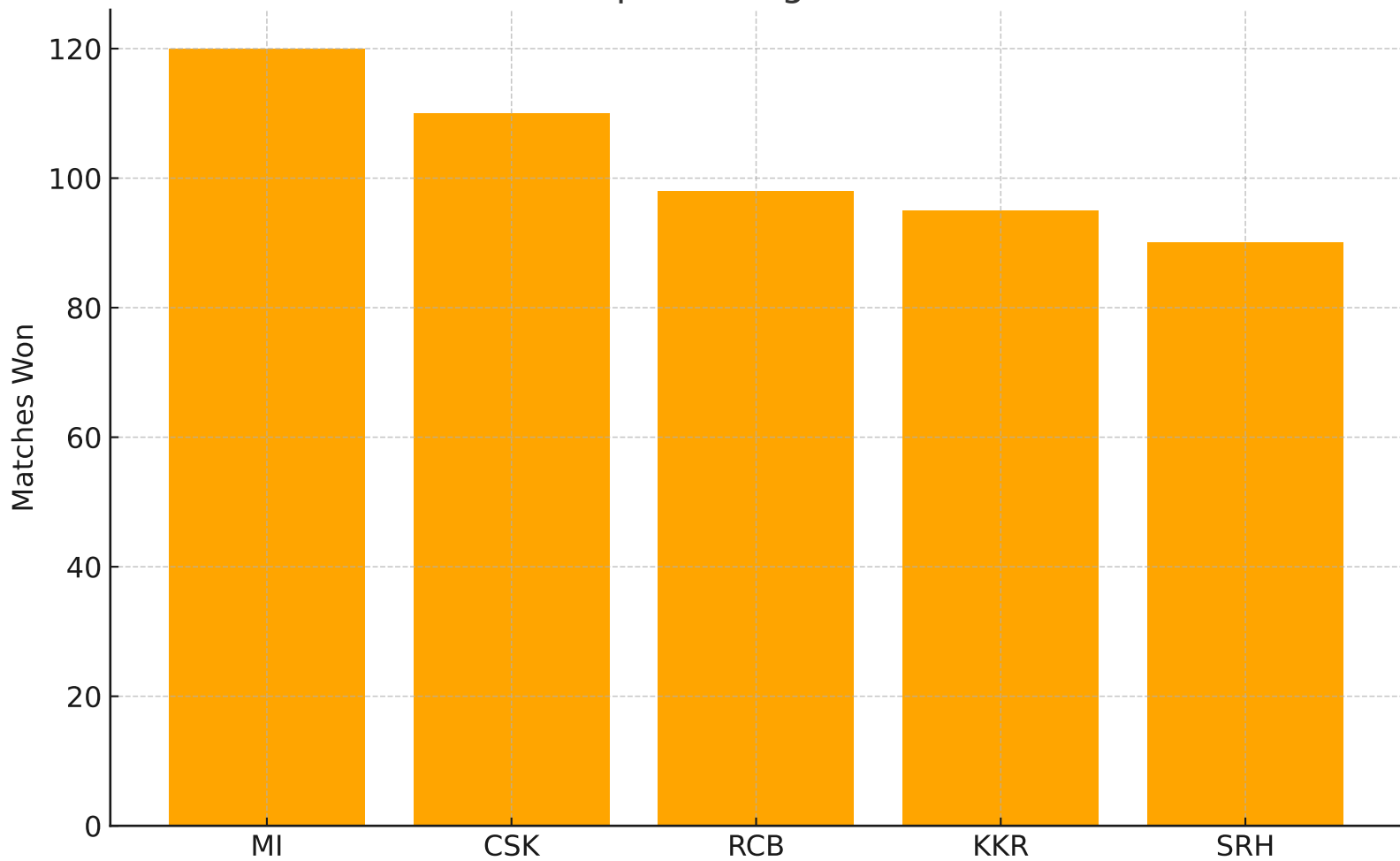- Power BI
- GitHub for version control and hosting

 Key Objectives:
- Explore season-wise match stats
- Analyze team and player performance
- Study impact of toss on match results
- Visualize insights via Power BI dashboards

Matches Per Season

Top Winning Teams

 Summary

Sayantani Sarkar successfully analyzed IPL data using Python and Power BI.
This project demonstrates her ability to:
- Clean and explore real-world sports data
- Visualize key patterns using modern tools
- Communicate insights effectively

 GitHub Repository:
https://github.com/sayantanisarkar204

 This project is suitable for:
- Data Analyst Role
- Data Science Internships
- Portfolio Presentation