

Cricket Data Analytics Using Web Scraping and Power BI

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Introduction

- Cricket Data Analytics is a Machine Learning based analysis project wherein the scores of players at particular grounds, in different conditions can be predicted using the past data and records.
- Using the Power BI tools we will be able to visualize the patterns of the performance of the players. Using such visualizations it will be easy for the audience to read and understand the data.



Reasons that led us to this project

- With the increasing popularity of cricket all over the world people are curious to know and predict whether their favourite player is likely to play his best innings in the current conditions of the ground.
- Also with so many fantasy cricket applications people want to know the stats of the team members with which they can easily predict which player would perform better.
- With optimized results and predictions the data can be useful to the teams to know their opponent team better and practice accordingly.

Features

- It would provide player stats. The ground conditions and pitch situation.
 - With Power BI the users would have visual data for the players and teams.
 - It will also contain data on the recent performances of the players.
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Technologies Used



Python

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation.



JavaScript

JavaScript, often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.



VS Code

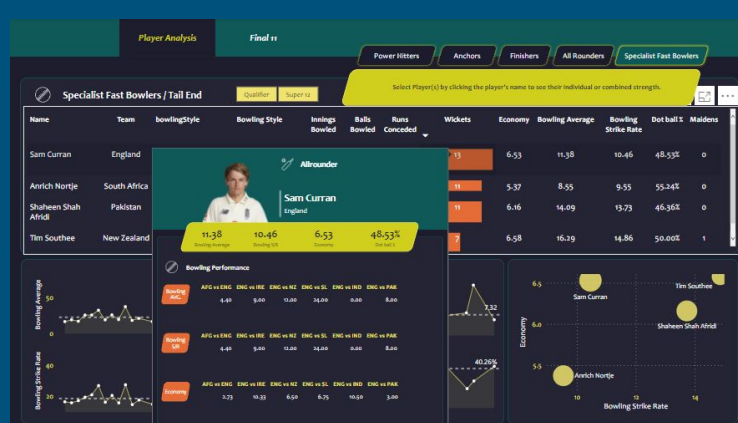
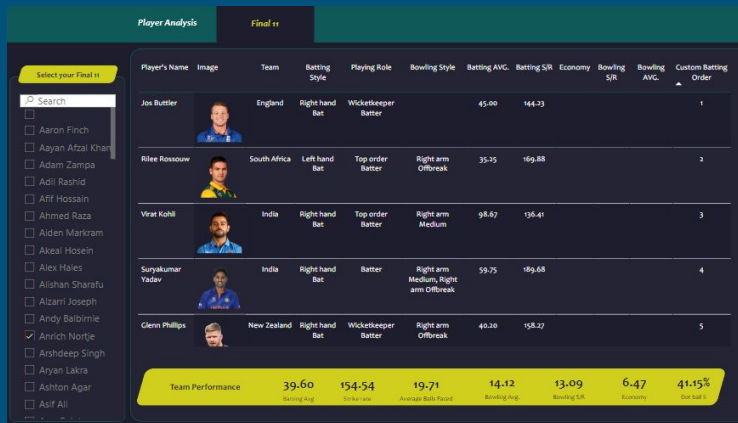
Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft with the Electron Framework, for Windows, Linux and macOS.



Power Bi

Power BI is an interactive data visualization software product developed by Microsoft with a primary focus on business intelligence. It is part of the Microsoft Power Platform.

Implementation



Future Scope

- As of now the data is limited to Men's cricket but in future we can include Women's Cricket and also other sports like Football and Tennis.
 - By tying up with the fantasy application we can increase the user base extensively.
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Thank You!