

# Cricket Statistical Analysis

## Visual Analytics and Scoring of cricket players

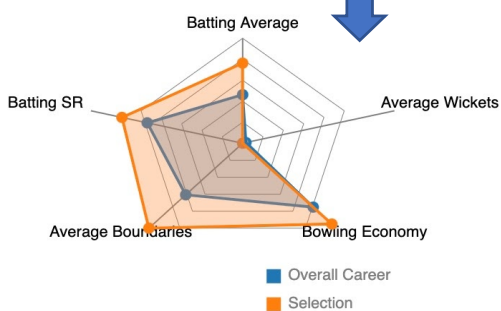
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### Introduction

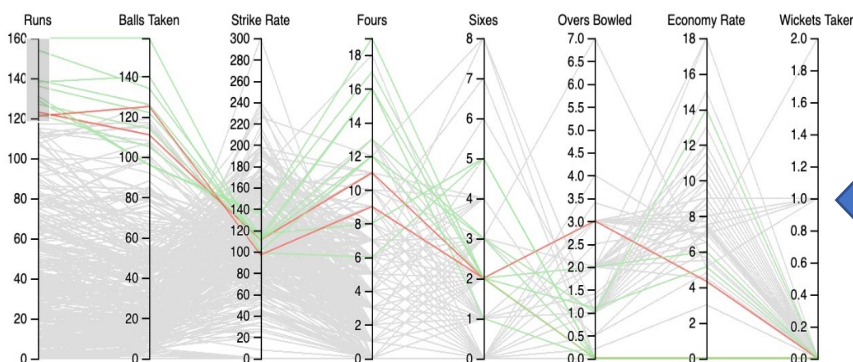
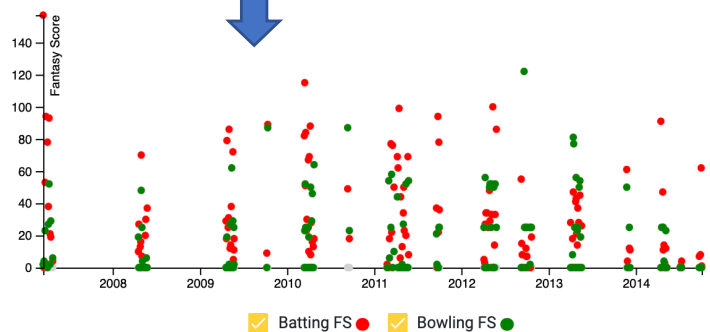
The dashboard provides a way of holistically scoring/ranking players across formats. It provides visual analytics that can be used to analyse a player's performance against important features that have been identified using clustering mechanisms. These analyses can be used to select teams or make strategies against teams or players.

### Observations/Insights

Through this visualization we can see that the player's performance is better than his career performance.



Analysis of how the player has performed over the years against this team at given venue. This can be used in selecting the team.



These graphs show the impact of particular player on the outcome of the match. The score and other features could also be analyzed.

### Conclusion and Future Scope

- Through this visual analysis tool a lot of insightful information about a player could be identified. Further drilling down using the filters could give very specific and helpful information.
- The weights of different features for scoring can be improved using various machine learning techniques which would give a better way of ranking a player.

<https://youtu.be/NDjMwRo6lQY>

<https://cric-viz.uk.r.appspot.com/dashboard>