

# IPL 2008 - 2019 Analysis

9  
TEAMS

834 +  
MATCHES

12  
SEASONS

IST 719  
MADHAVI KADAM

## Questions

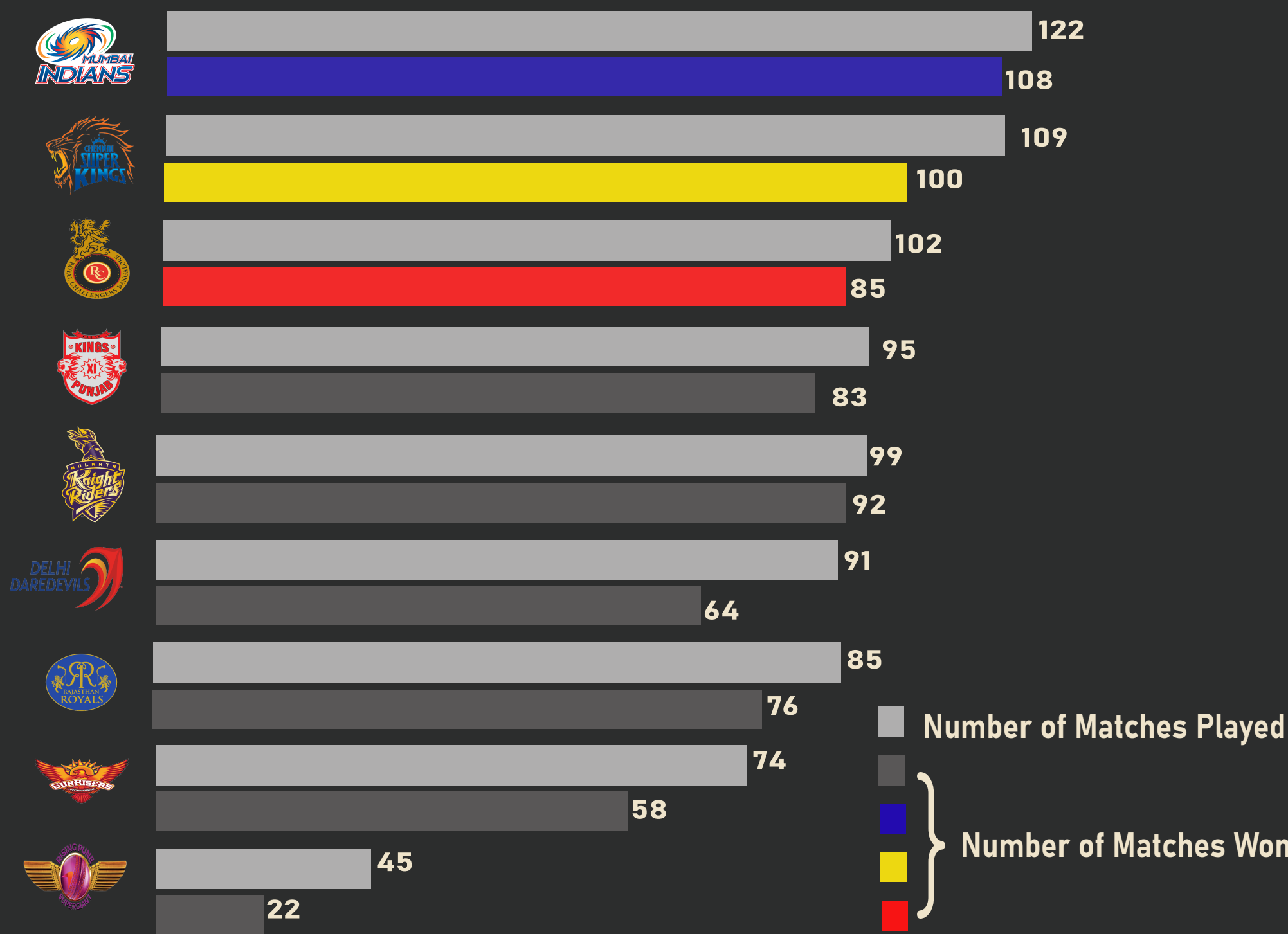
1. Which team played and won a greater number of matches from 2008 - 2019 season?
2. Top 3 batsmen, who scored a greater number of runs from season 2008 - 2019?
3. Against which bowlers have the top run-getters performed?
4. Compare the number of runs scored by top run-getters in each season.
5. What is the distribution of runs over the balls for the top batsman?

## Introduction & Data Description

Indian Premier League (IPL) is a 20 over cricket format held in India that attracts over 141M viewers. Form visualization I have used 2 datasets, the first one contains data about teams, match venue, date match was played on. The second contains detailed information on the balls delivered, bowlers, runs, etc. The audience for this analysis are the IPL fans who are interested in the statistics of batsmen.

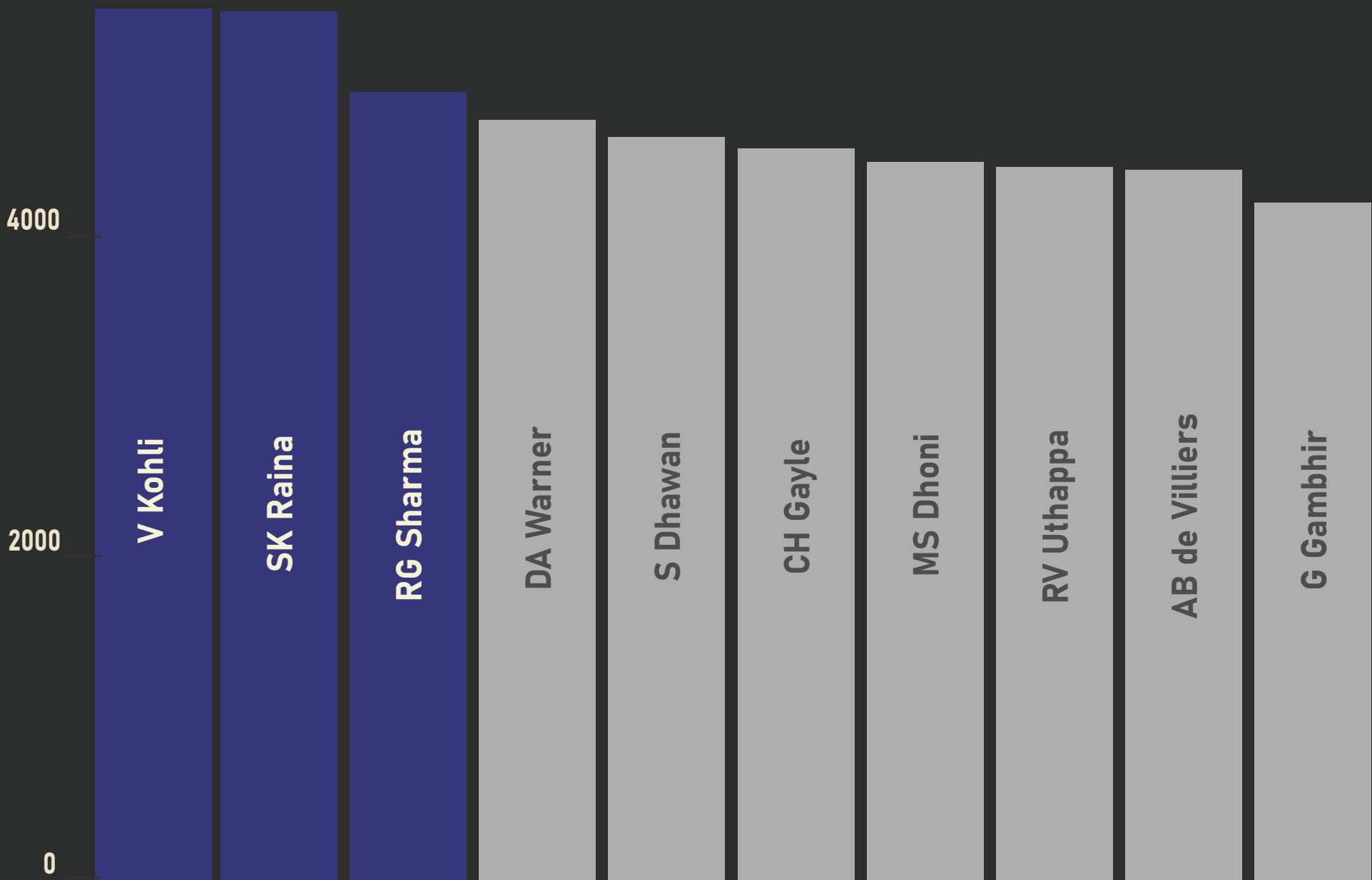
## Number of Matches Played & Won

The horizontal bar graph below shows the number of matched played and won by each of the teams. We can see that Mumbai Indians have won the most number of matches, Mumbai Indians have reached 5 times into finals from the 2008 season leading to the greatest number of matched played compared to the other teams.



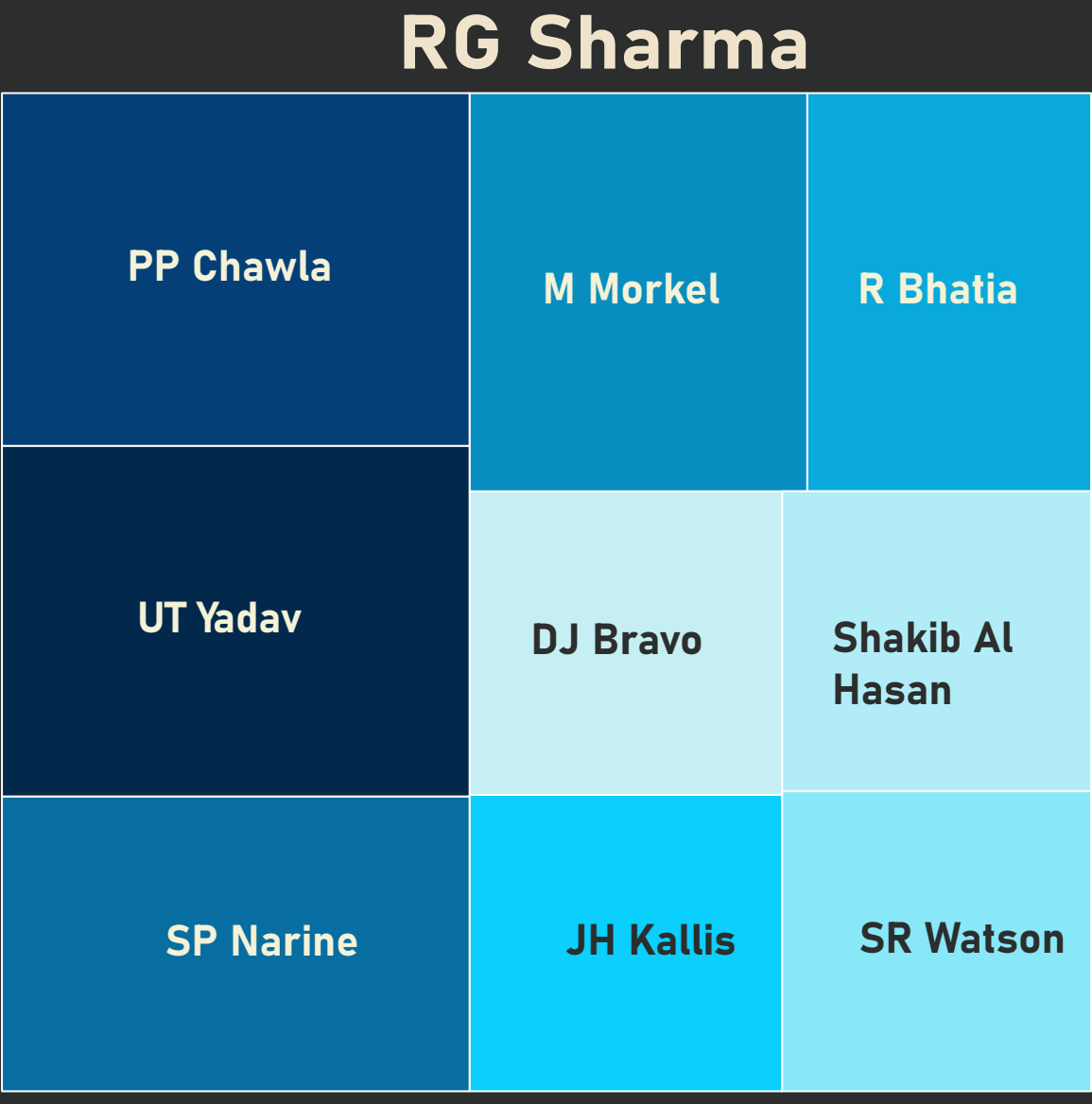
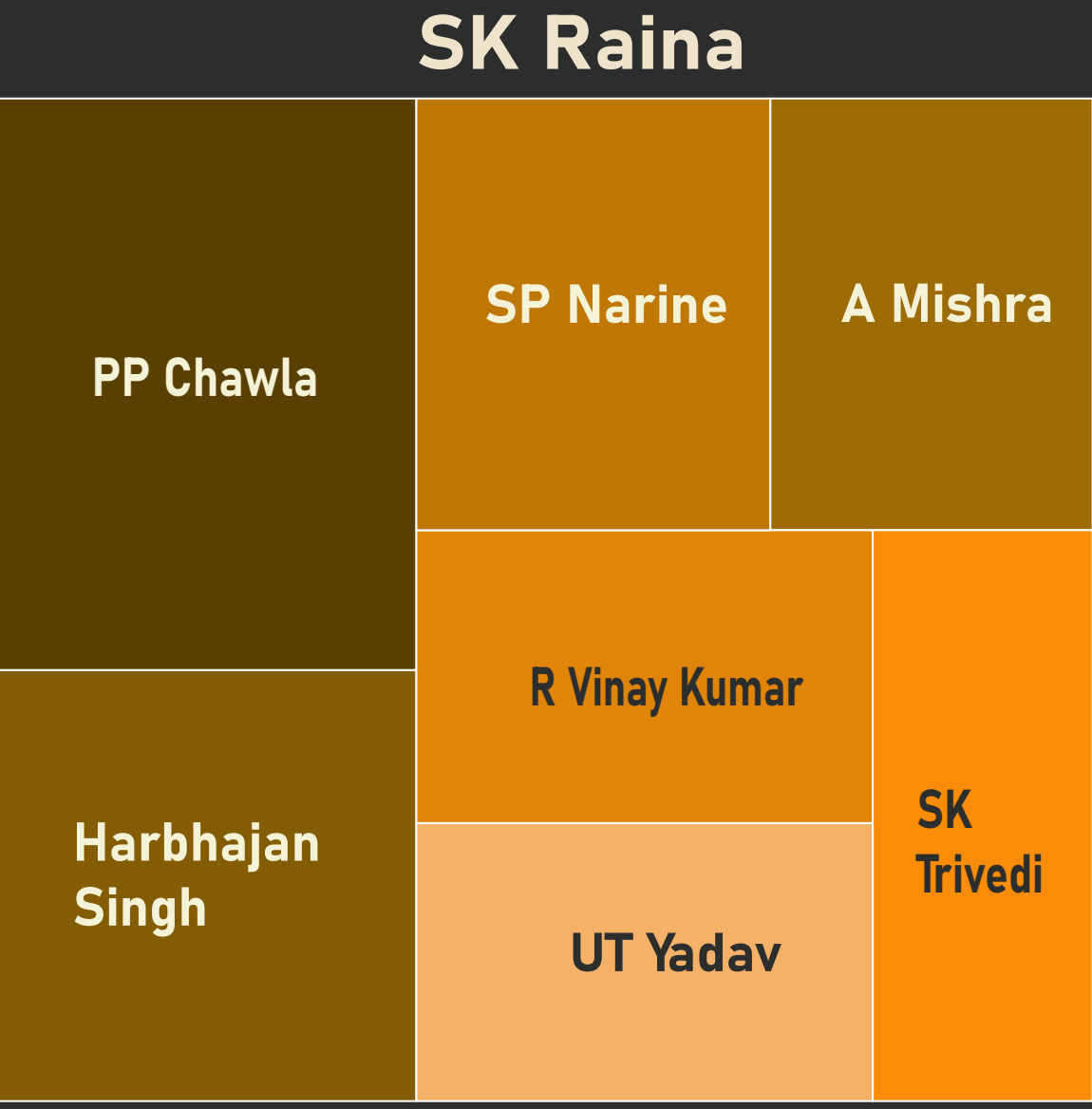
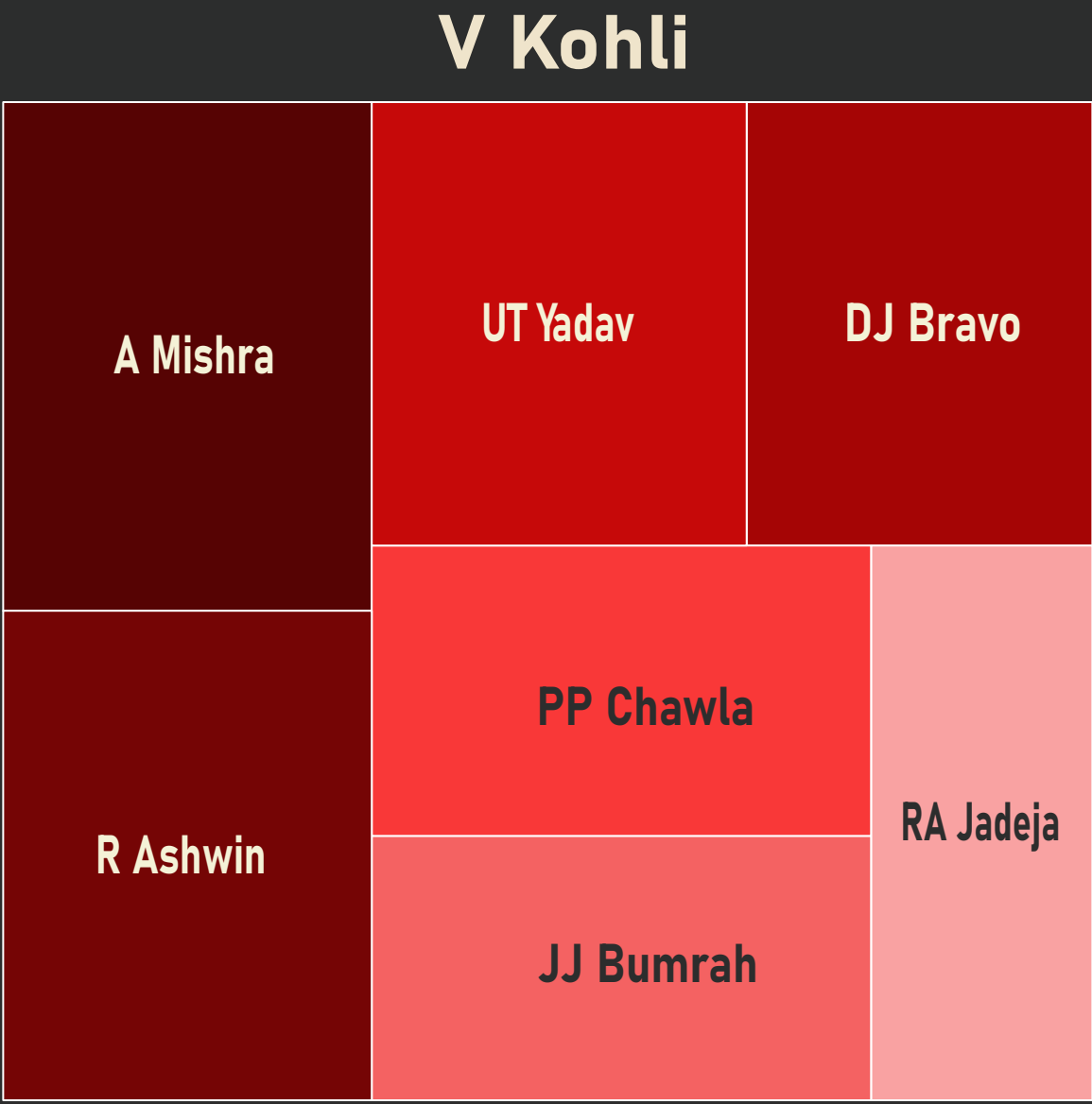
## Top 3 Batsmen

Virat Kohli is the top run-scorer followed by SK Raina and RG Sharma. V Kohli has scored 5500 + runs in 102 matches played with an average strike rate of 128. Till now he has scored 5 centuries and 38 fifties with the highest score of 131.



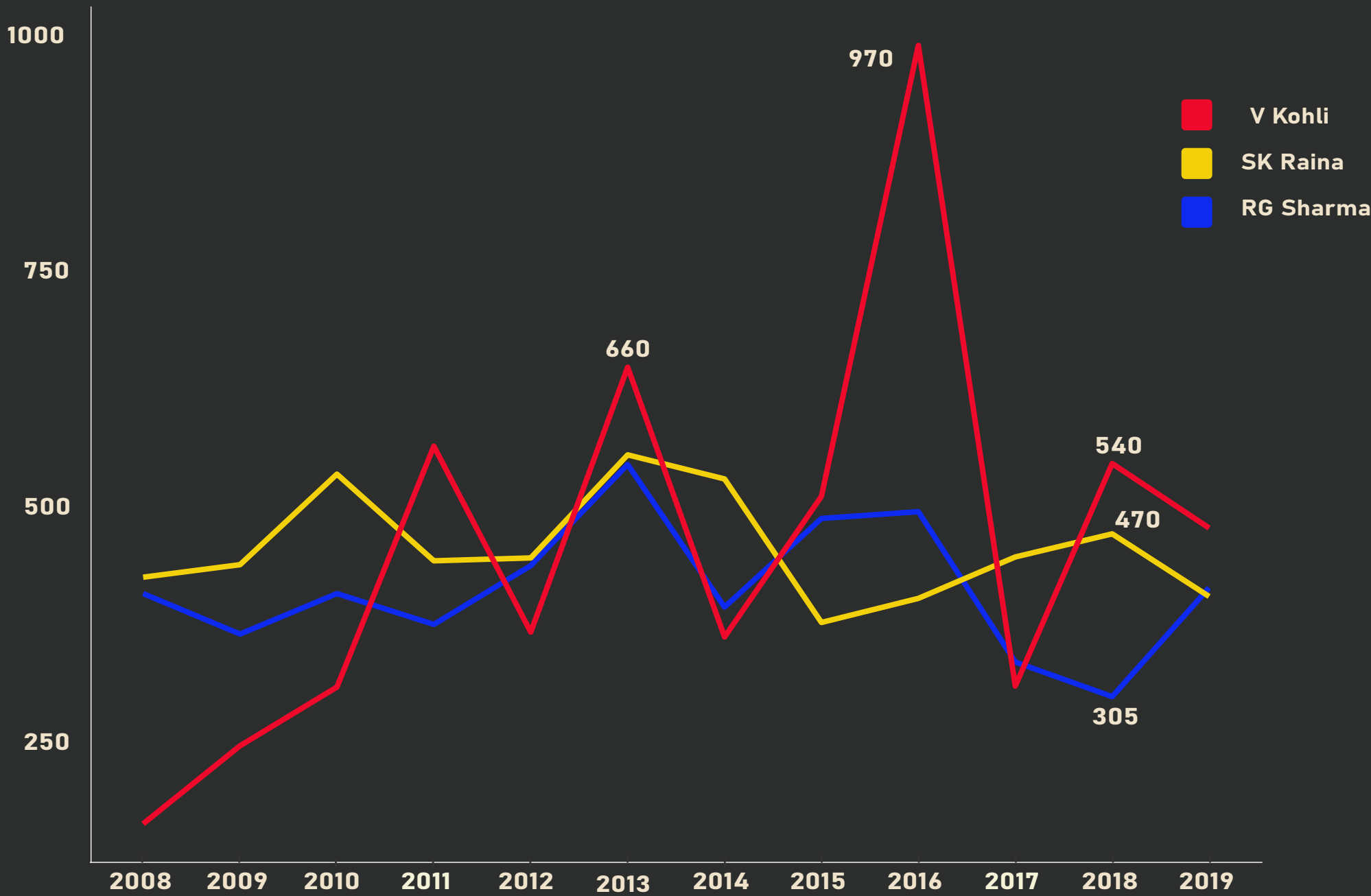
## Performance of Top 3 Run Scorers Against Top 7 Bowlers

From the treemaps on the left we can see that V Kohli has scored the highest number of runs against A Mishra as compared to RA Jadeja. The color scheme shows the hierarchy of the runs. Same is done for SK Raina and RG Sharma.



## Season Wise Comparison of Runs by Top 3 Batsmen

The line graph below shows that V Kohli has scored the highest number of runs in 2016. During this season he was the **orange cap** (Award of Highest Run Scorer), holder.



## Innings Progression - Type of Runs

The scatter plot below shows the distribution of types of runs for every ball played by SK Raina. It can be seen that the distribution of the boundaries is more during the start of the game as compared to the end. During the entire IPL career, SK Raina has scored a total of 700 + boundaries.

