

## Indian Premier League Team Analysis

**Graph1(image scatterplot)** depicts the modified design of scatter plot where dots are replaced by images or logos of teams, This graph illustrates the matches won by each team in a season and seasons are selected from dropdown.

**Graph2(networkx tree)** depicts the tree implemented from networkx, it gives a brief match hierarchy for each season based on the value selected from season dropdown.

**Graph3(horizontal barplot)** illustrates the maximum number of wickets made by player of each team based on teams dropdown.

**Graph4(dotplot)** depicts the economy rate of each player based on which the best bowler is decided for each team based on the value of team dropdown.

**Graph5(histplot)** shows the statistics of dots and conceded for each team based on team dropdown.

**Graph6(kdeplot)** illustrates the missed balls on dots throughout the matches for each team based on the team dropdown

**Graph7(violinplot)** depicts the number of fours conceded by bowlers in each team and changes based on team drop down values.

**Graph8(violinplot)** shows the number of sixes conceded by bowlers in each team and changes based on team drop down values.

**Graph9(stripplot)** illustrated the orange caps as in the players who had made maximum number of runs through out the seasons.

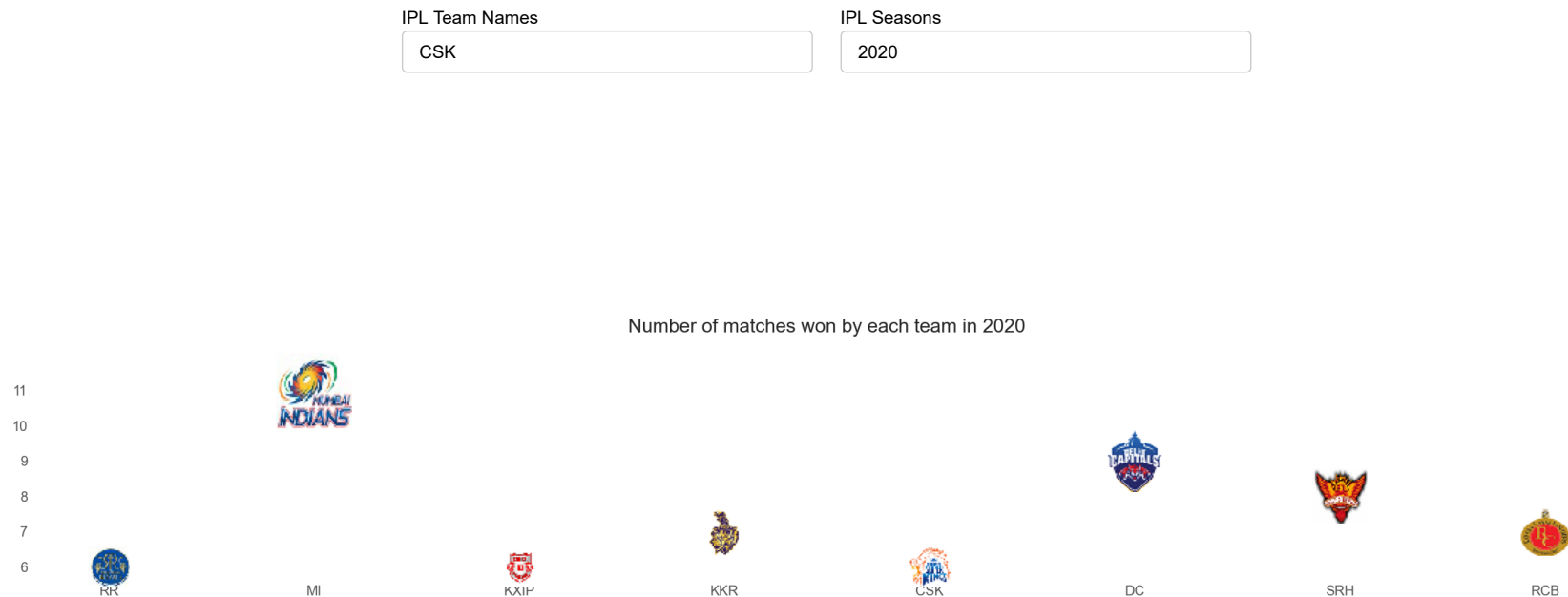
**Graph10(barplot)** depicts the power hitter in each team, power hitter is the one with good strike rate .

**Graph11(swarmplot)** shows the number of fours hit by each team through all the matches.

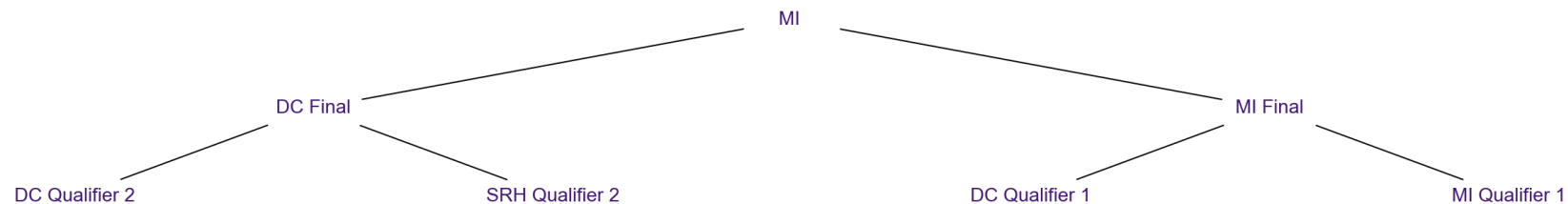
**Graph12(boxplot)** illustrates the number of sixes hit by each team throughout the IPL.

**Graph13(replot)** gives an overview of running over and runs statistics throughout the matches.

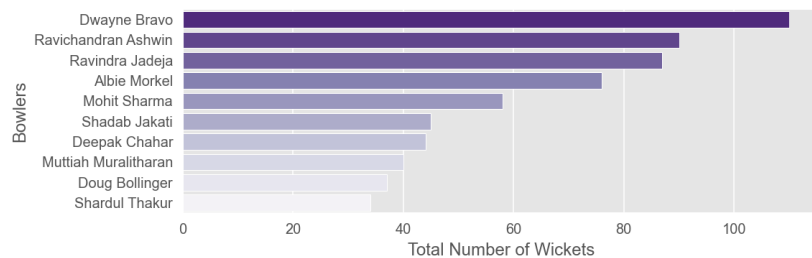
**Graph14(scatterplot)** provides statistical view on boundaries made by each team.



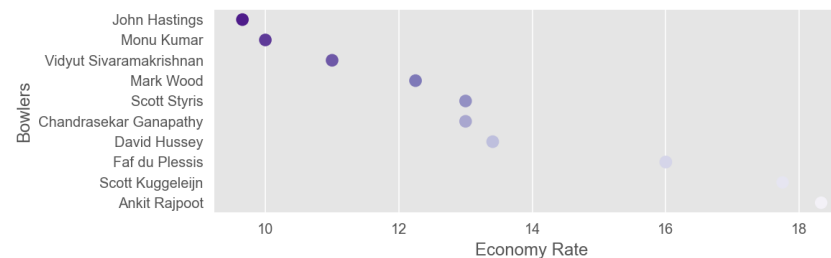
## Brief Overview of Matches in 2020



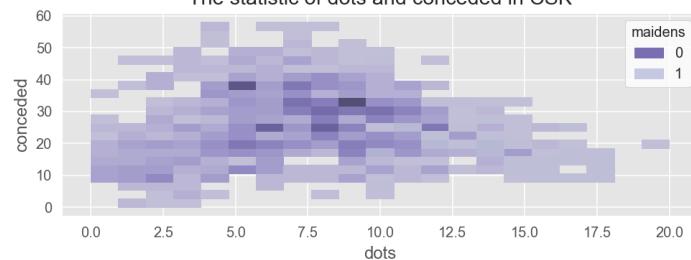
## Purple Caps in CSK



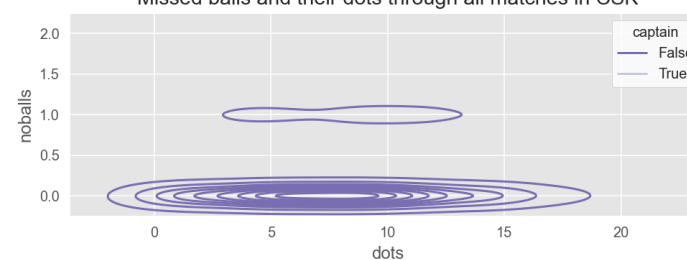
## Best Bowlers in CSK



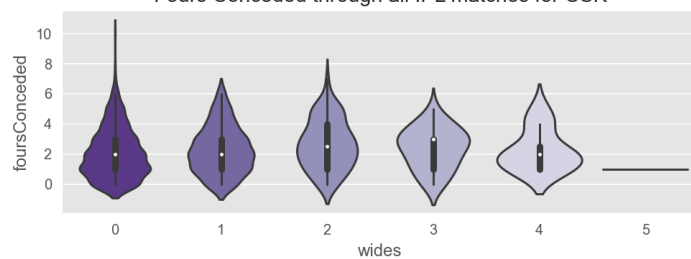
## The statistic of dots and conceded in CSK



## Missed balls and their dots through all matches in CSK



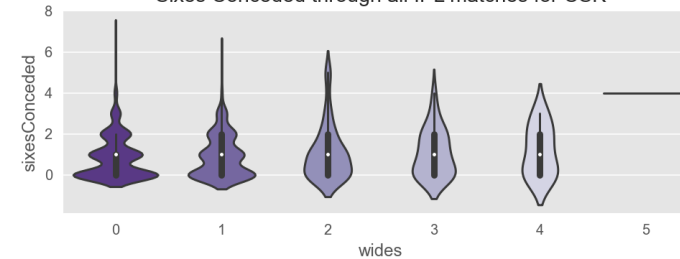
## Fours Conceded through all IPL matches for CSK



## Orange Caps in CSK



## Sixes Conceded through all IPL matches for CSK



## Power Hitter in CSK



