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# Tableau

## IPL Visualisation Assignment

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## **PROBLEM STATEMENT:**

The problem statement contains focus on the below feilds :

### **1. Match Statistics**

- Toss outcome vs Match outcome (for each Ground/Venue)
- Biggest wins (by runs and by wicket)
- Highest totals (across all the seasons)

### **2. Player Statistics**

- Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)
- Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)
- Batsmen who have hit the most number of fours and sixes (per season and overall)

### **3. Team Statistics**

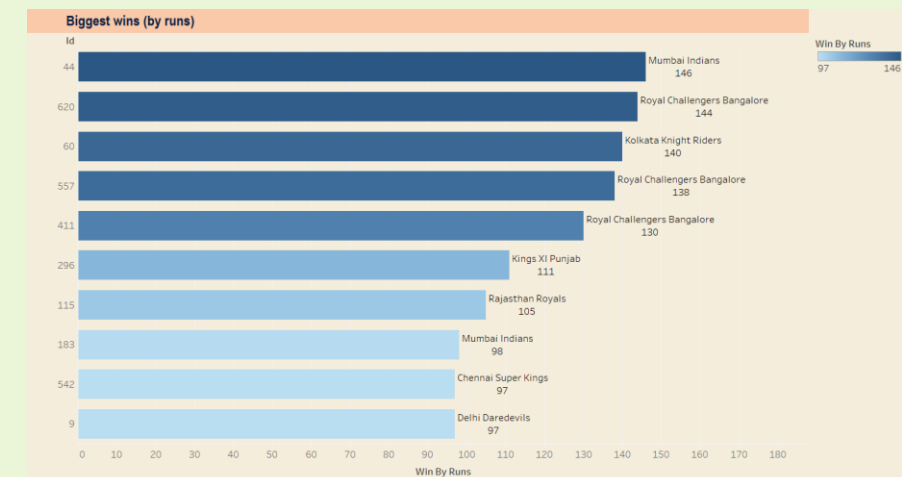
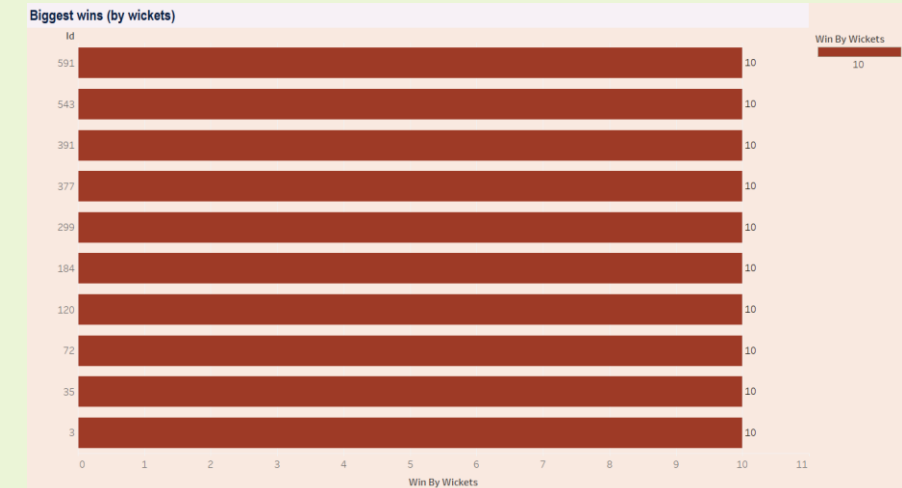
- Season-wise team performance (wins vs losses)
- Win %age ( home vs away)

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# Visualisation Started

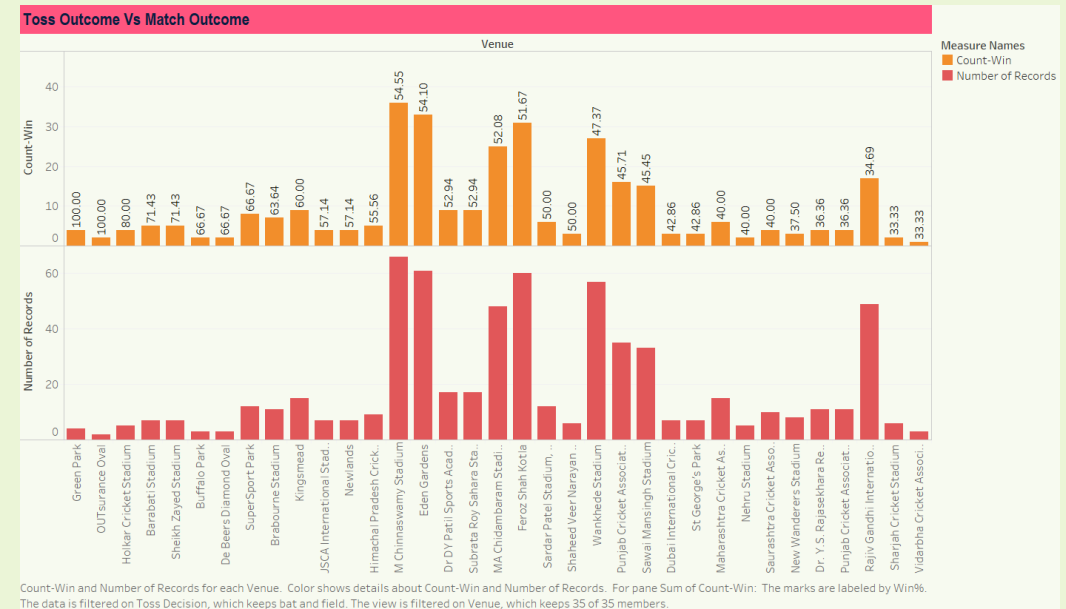
# Biggest wins (by wicket)

- Graph1: In Win by wickets we plot team1, team2 and winner with season which predict the winner team is win by how much wickets. Top 10 winner teams are listed on the graph.
- Graph2: In win by runs we plot team1, team2 and winner with season which predict the winner team is win by how much runs. Top 10 winner teams are listed on the graph. Mumbai Indians wins by max runs in 2017.



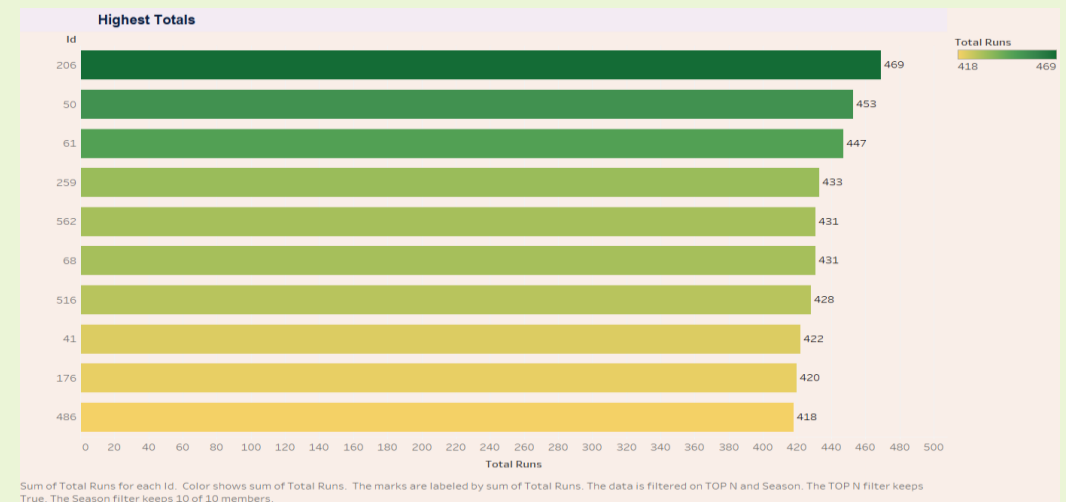
## Toss Outcome Vs Match Outcome

- Graph tells us about the team toss decision, number of records and win count. It calculate the percentage count win and number of records w.r.t field.

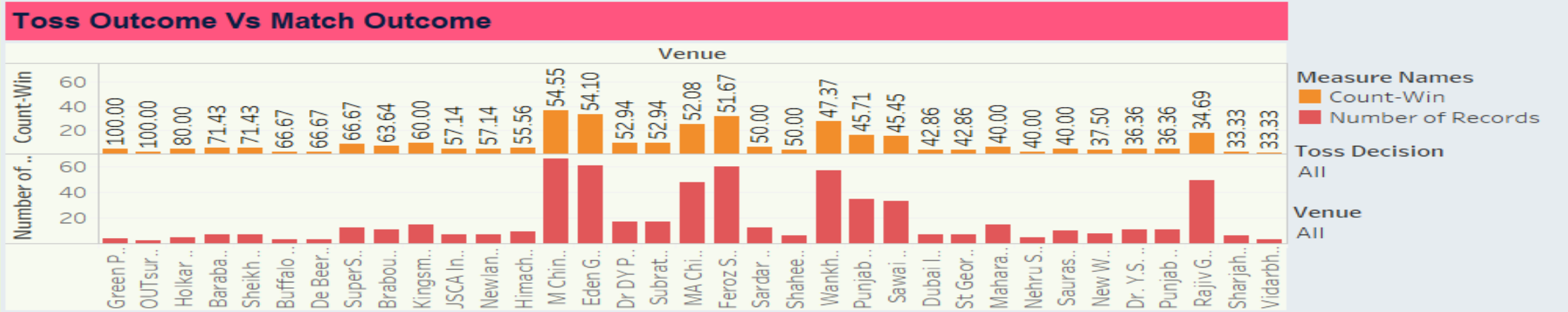
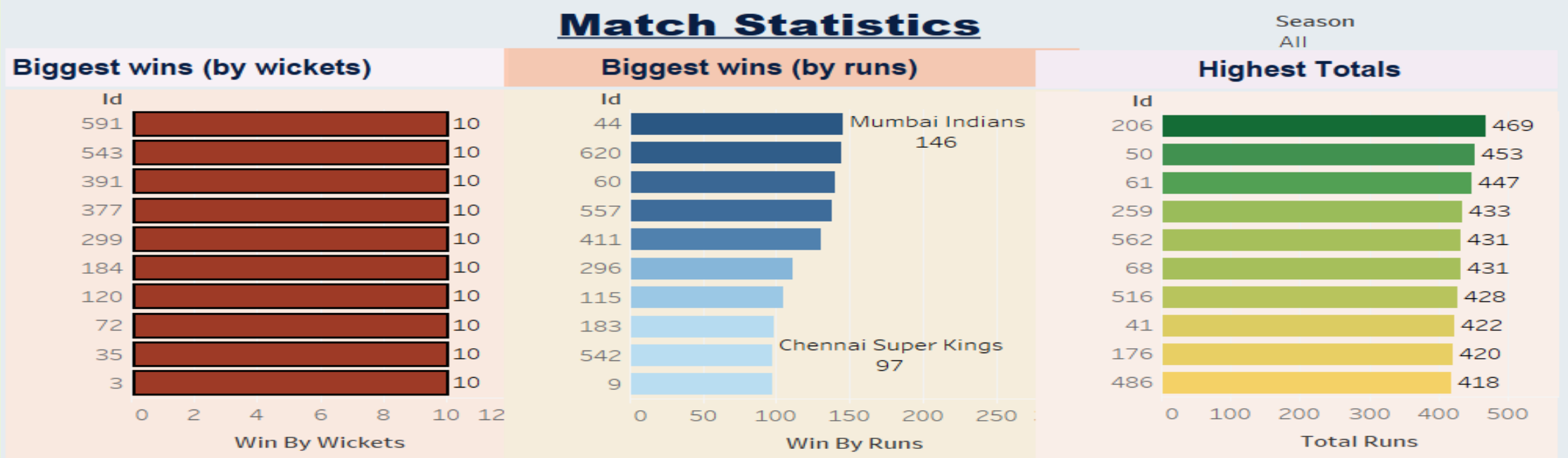


## Highest Totals

- The graph gives insight about top 10 teams which scored max total runs across all the season

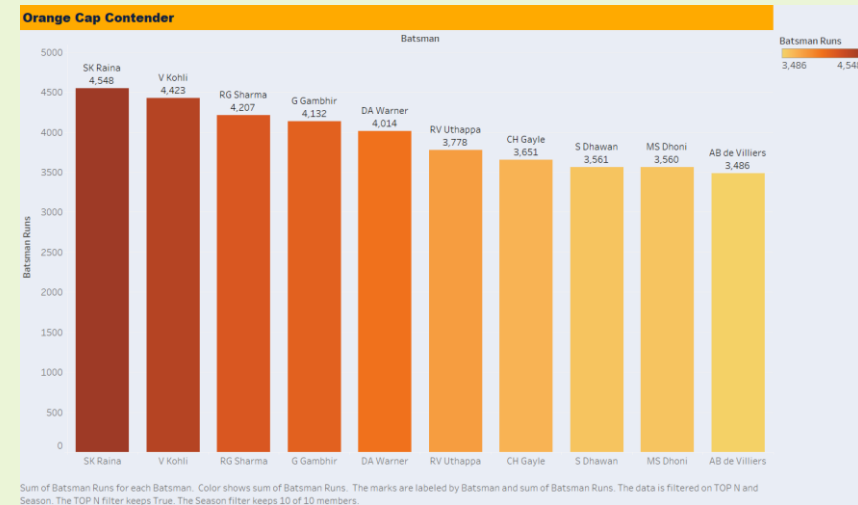


# Match Statistics



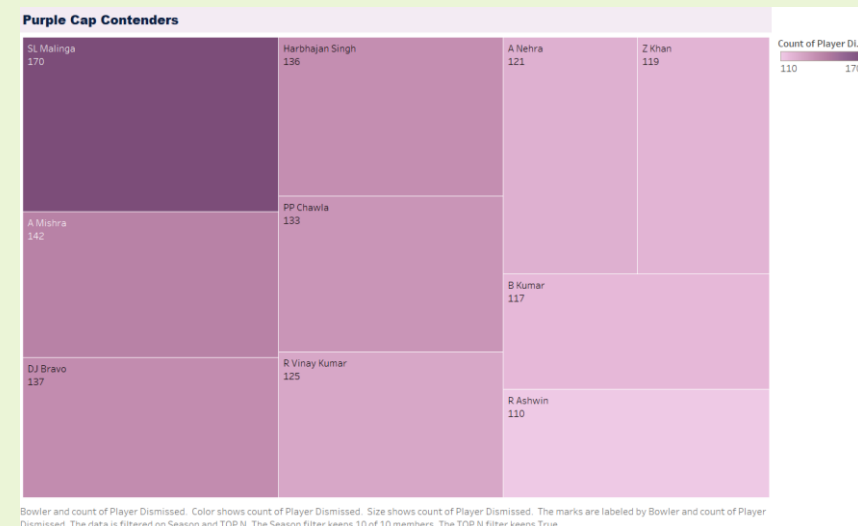
# Orange Cap contender

- Top 10 players who has scored max runs and are the orange cap contender across the various seasons



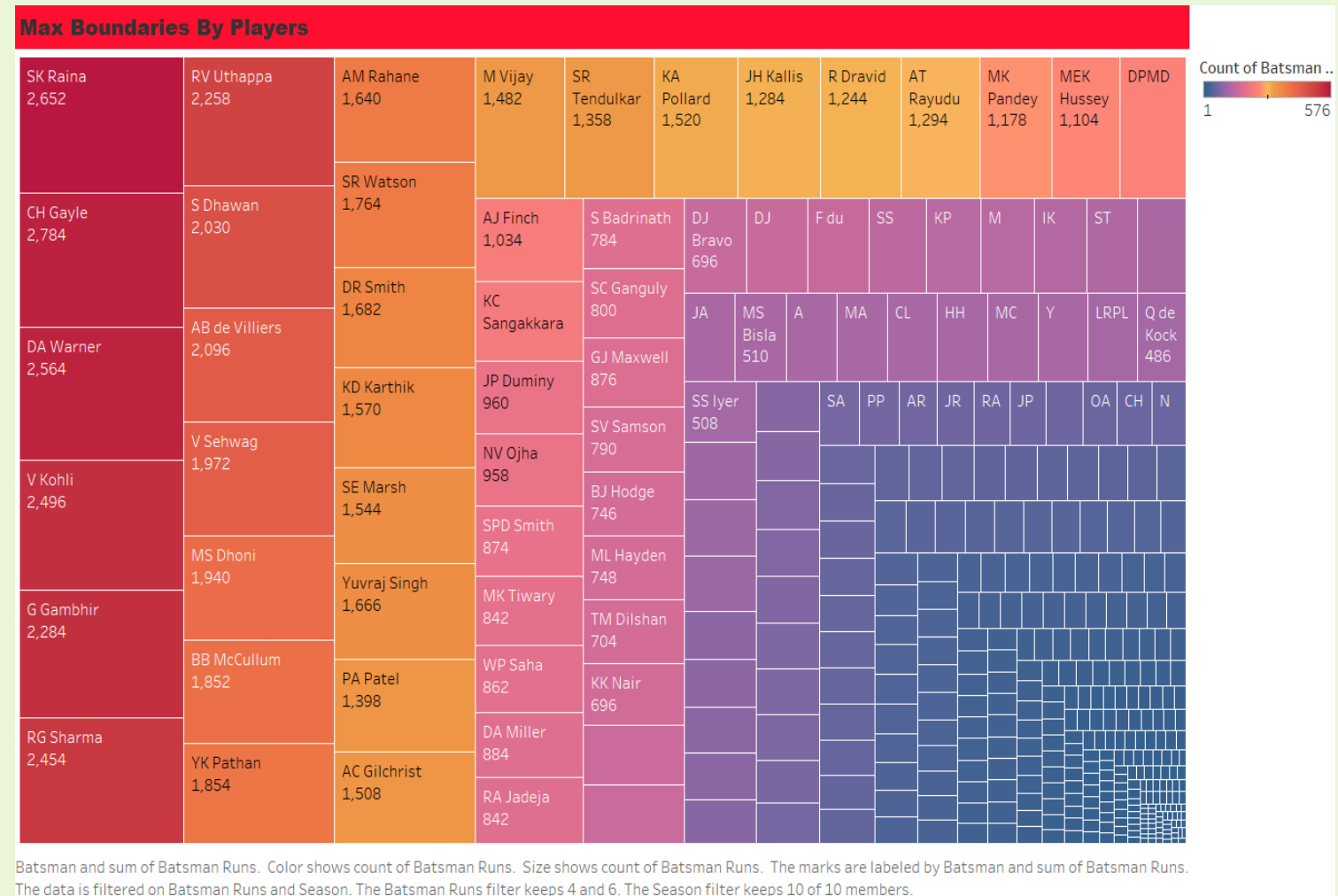
# Purple Cap contender

- Top 10 bowlers who takes maximum wickets of the players of opposite team.



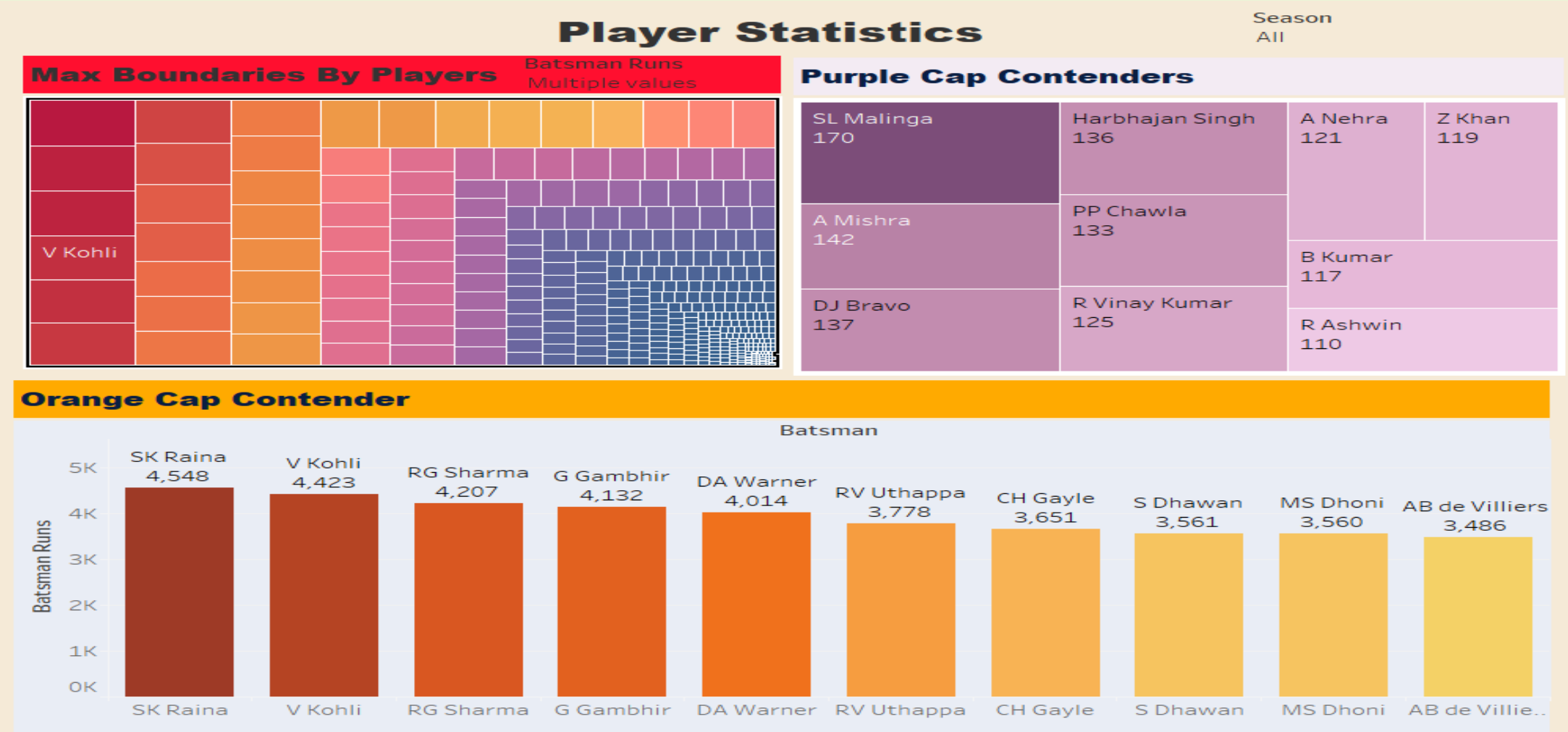
# Max Boundaries By Players

- Players who has hit maximum boundaries(4's, 6's). SK Raina scores maximum runs by hitting the boundaries.



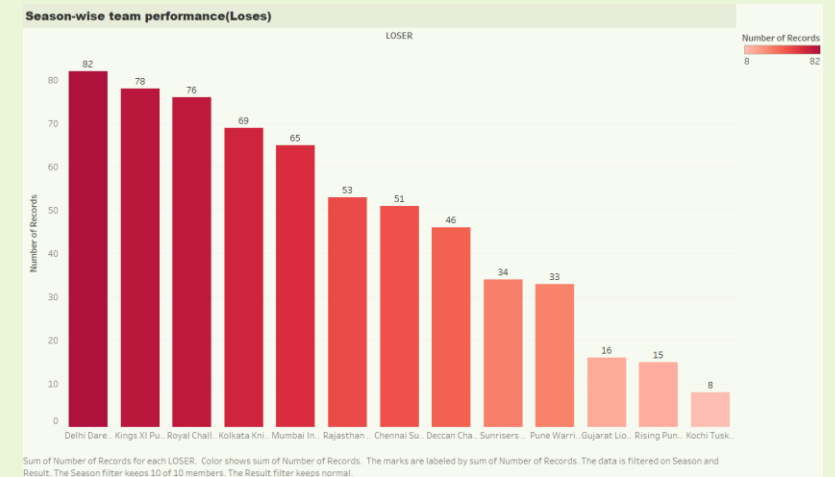


# Player Statistics Dashboard



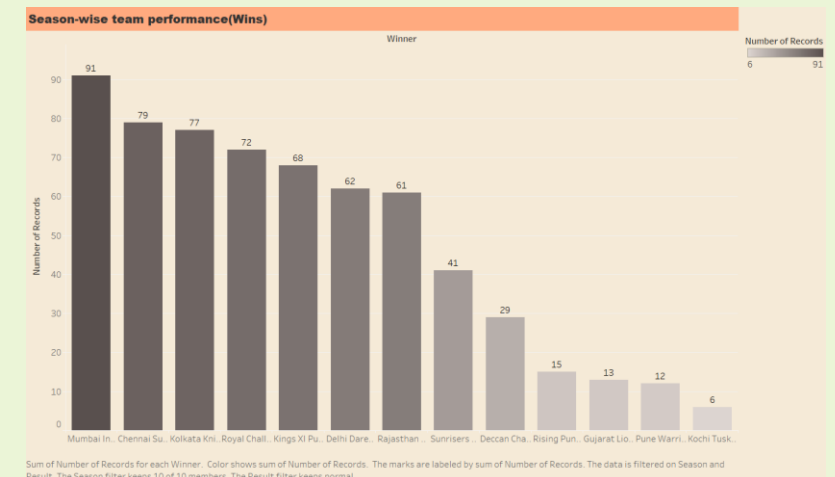
## Season-wise team performance(Losses)

- The graphs gives insight about the number of times, teams loss across the various season.



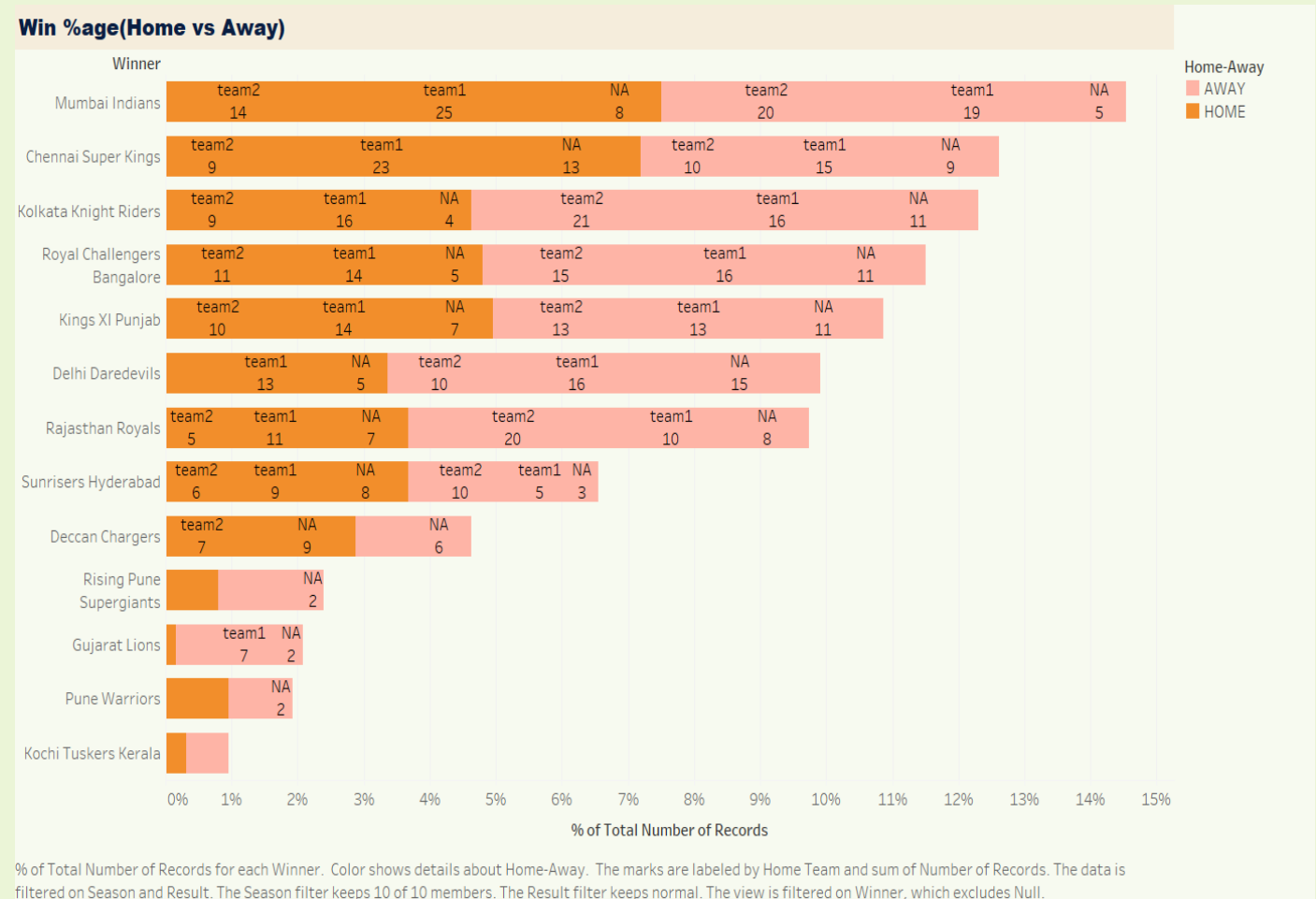
## Season-wise team performance(Win)

- The graphs gives insight about the number of times, teams wins across the various season.

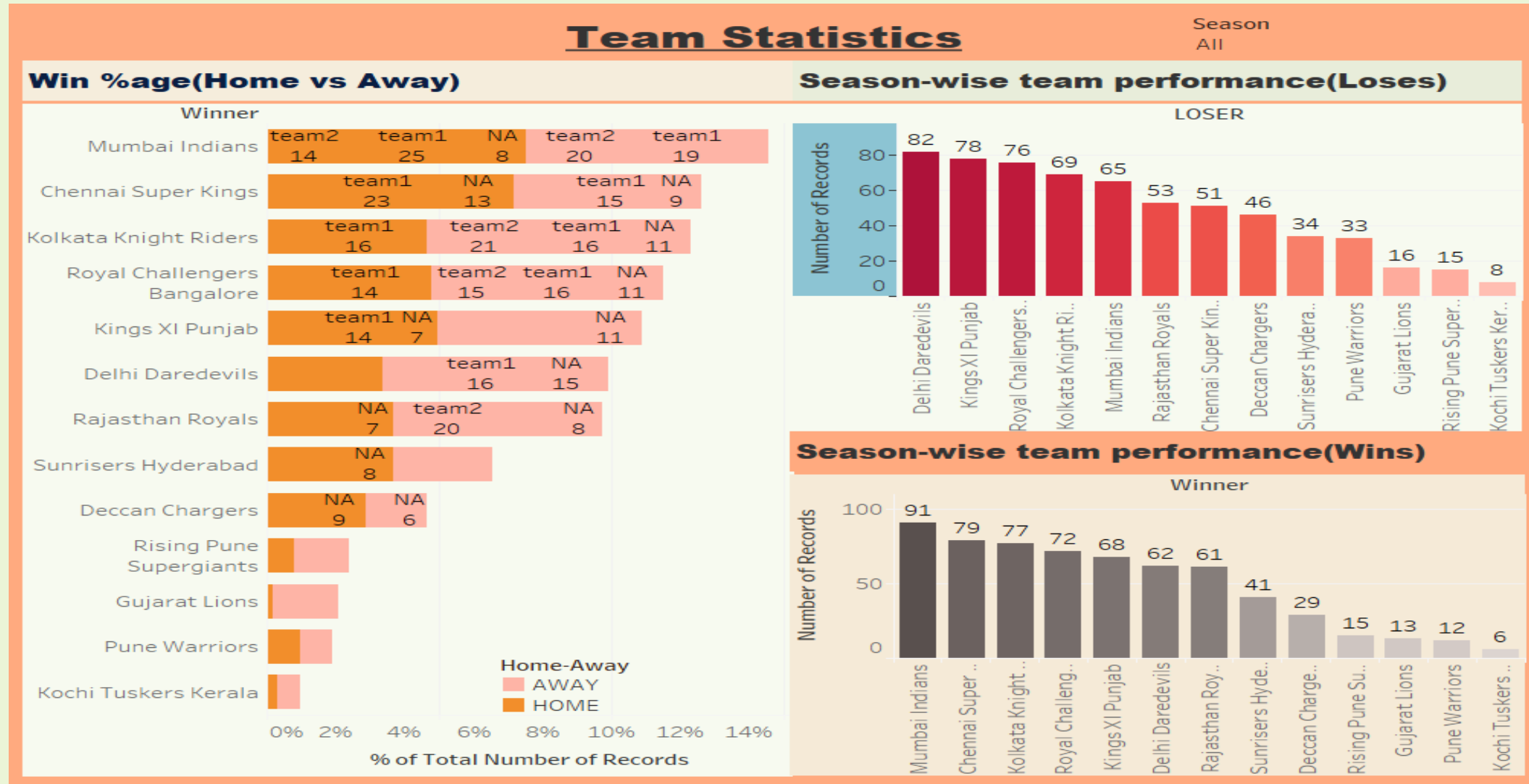


# Win %age(Home vs Away)

- The graph gives insights about the winning percentage on Home ground and the other ground. If we hover for percentage than we get the better insights.



# Team Statistics Dashboard



**THANK YOU**