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)

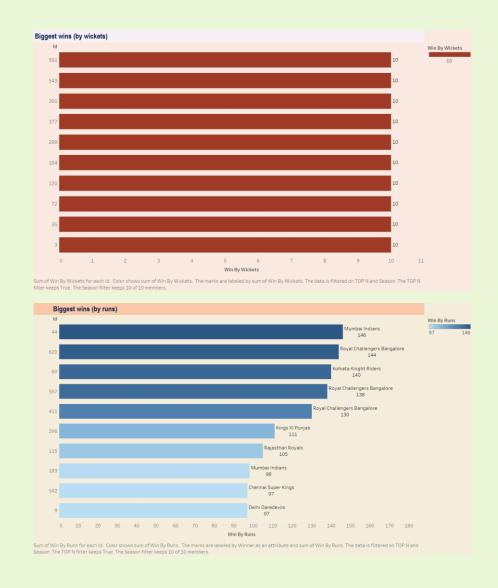


Visualisation Started



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.

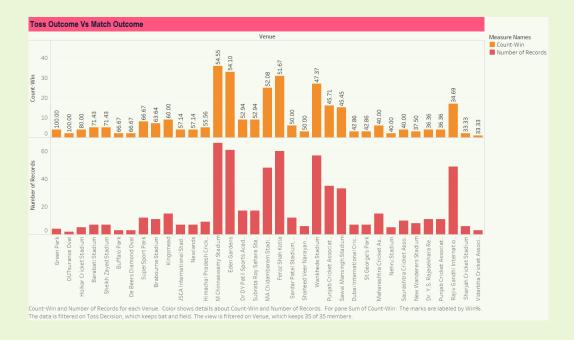


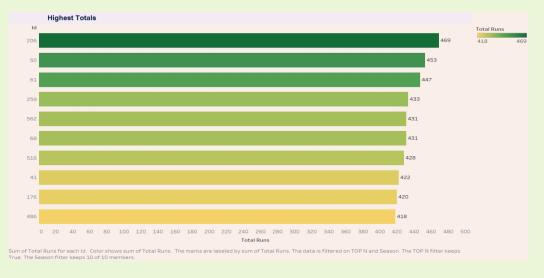
Toss Outcome Vs Match Outcome

 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.

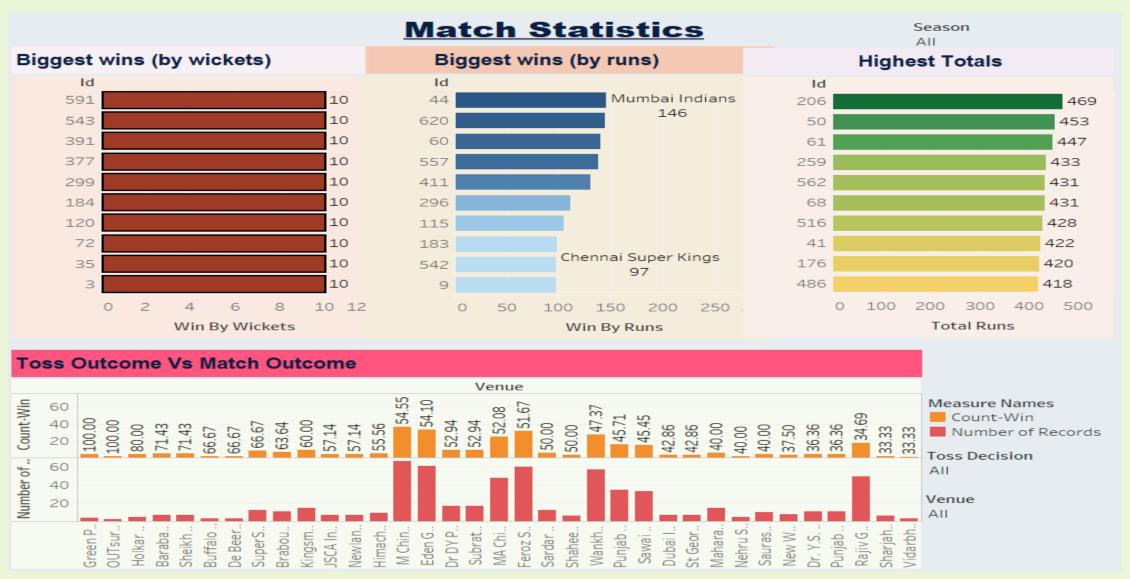
Highest Totals

 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

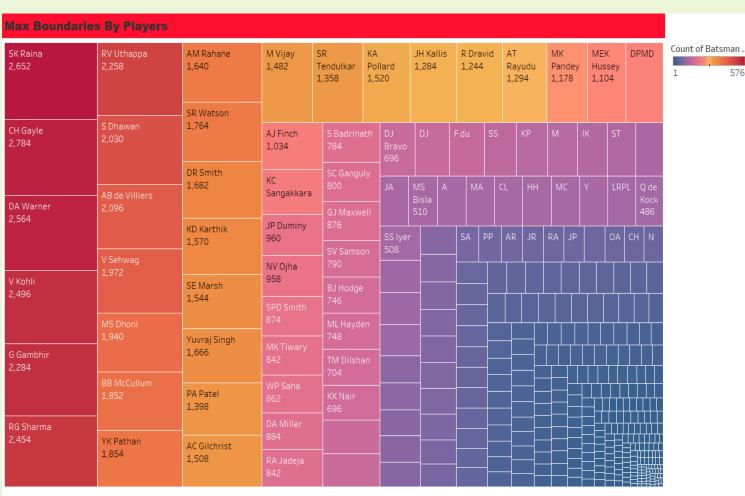
Purple Cap contender

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



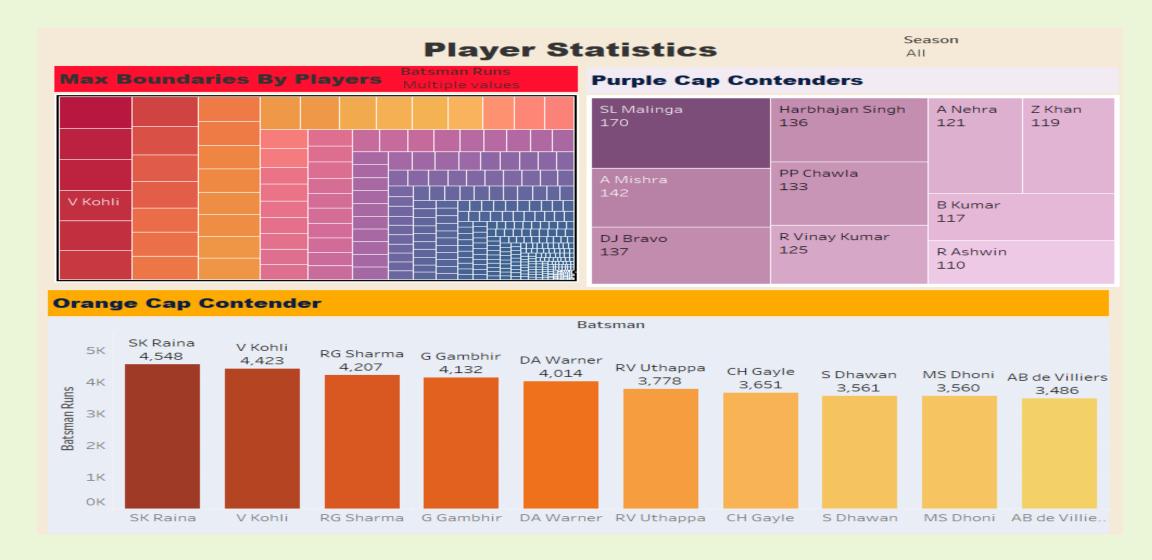
Max Boundaries By Players

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



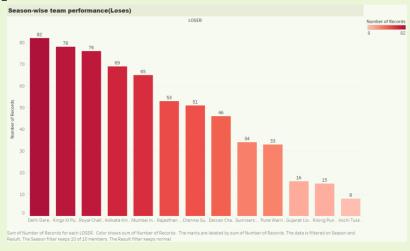
Batsman and sum of Batsman Runs. Color shows count of Batsman Runs. Size shows count of Batsman Runs. The marks are labeled by Batsman and sum of Batsman Runs. The data is filtered on Batsman Runs and Season. The Batsman Runs filter keeps 4 and 6. The Season filter keeps 10 of 10 members.

Player Statistics Dashboard



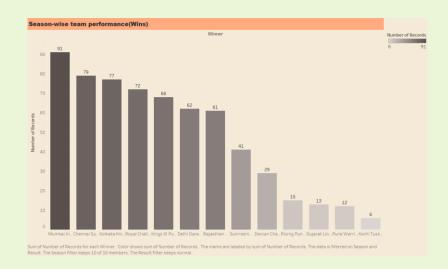
Season-wise team performance(Losses)

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



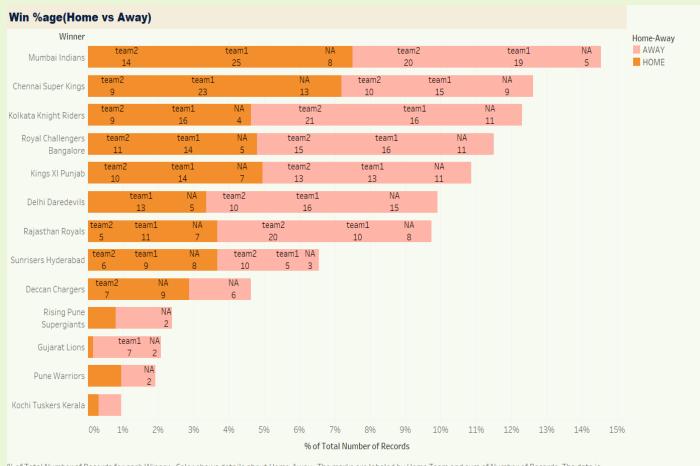
Season-wise team performance(Win)

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



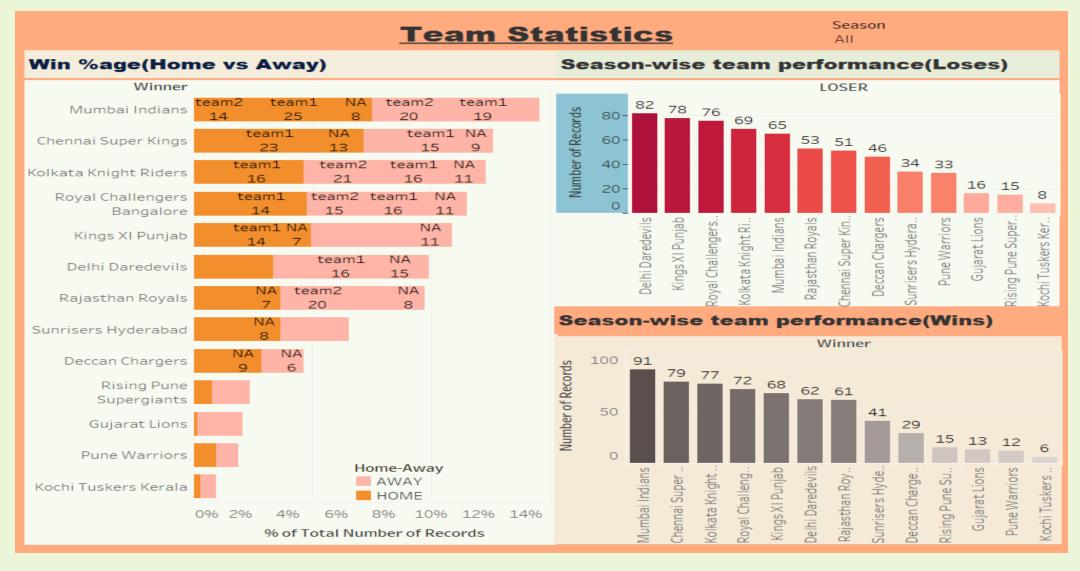
Win %age(Home vs Away)

 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.



% of Total Number of Records for each Winner. Color shows details about Home-Away. The marks are labeled by Home Team and sum of Number of Records. The data is filtered on Season and Result. The Season filter keeps 10 of 10 members. The Result filter keeps normal. The view is filtered on Winner, which excludes Null.

Team Statistics Dashboard



THANK YOU