

The background features a large, stylized gear or circular pattern in the center, with circuit-like lines and nodes extending from the left side. The entire image has a dark red or maroon color scheme.

# ANALYSING IPL DATASET USING TABLEAU

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BY

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# OBJECTIVE

*To prepare and analyse IPL statistics through Tableau dashboards over the years since its inception.*

# TO VISUALISE:

## 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)

# ***DATASETS AVAILABLE***

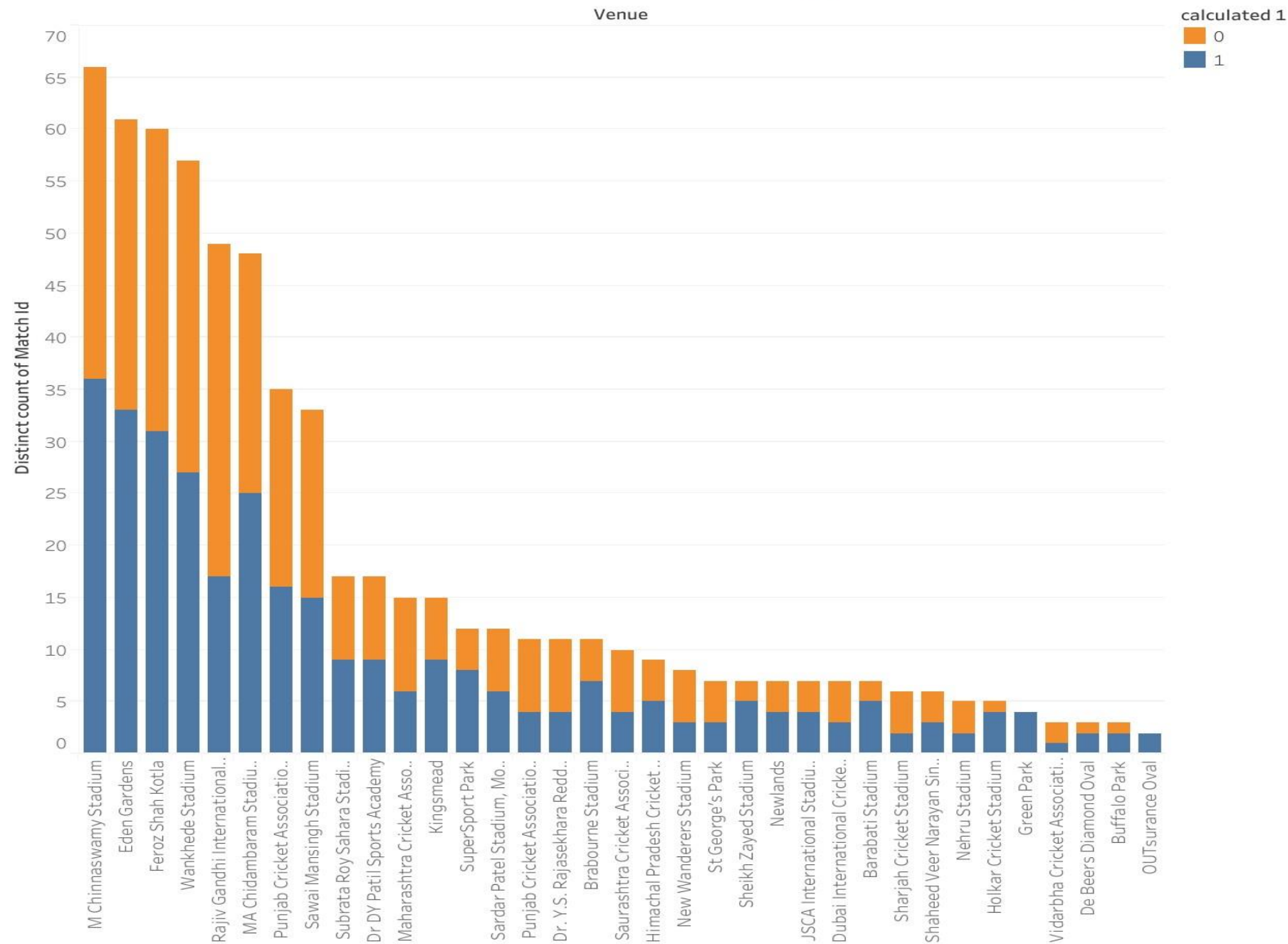
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- **matches.csv** - It contains match-level information for each and every match held in IPL from 2008 to 2017.
- **deliveries.csv** - It contains ball-by-ball information for each of the matches





# Toss outcome vs match outcome for each (ground/venue)



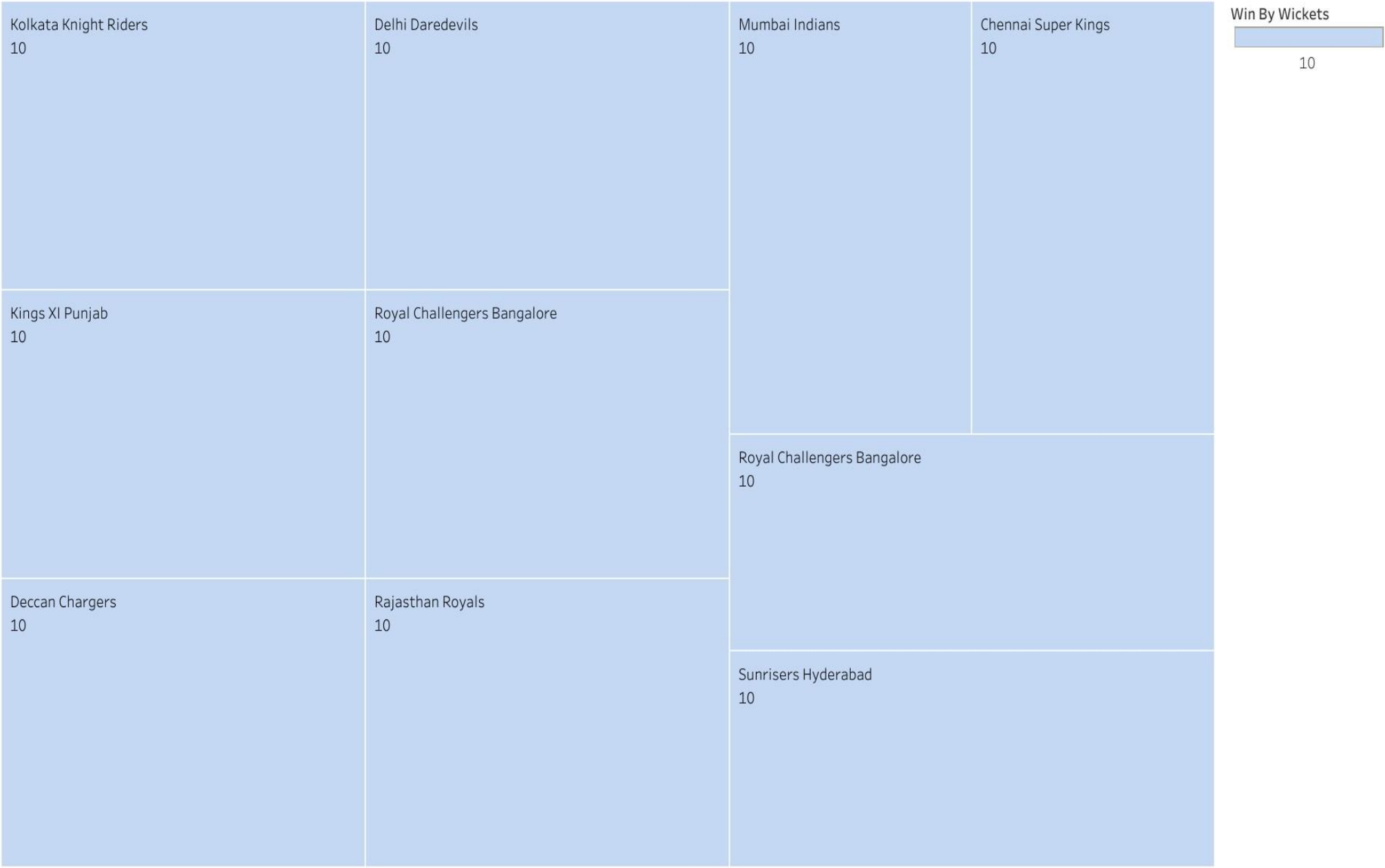
Distinct count of Match Id for each Venue. Color shows details about calculated 1.

# Biggest wins by Runs



Winner and sum of Win By Runs. Color shows sum of Win By Runs. Size shows sum of Win By Runs. The marks are labeled by Winner and sum of Win By Runs. Details are shown for Match Id. The data is filtered on Id, which keeps 10 of 636 members.

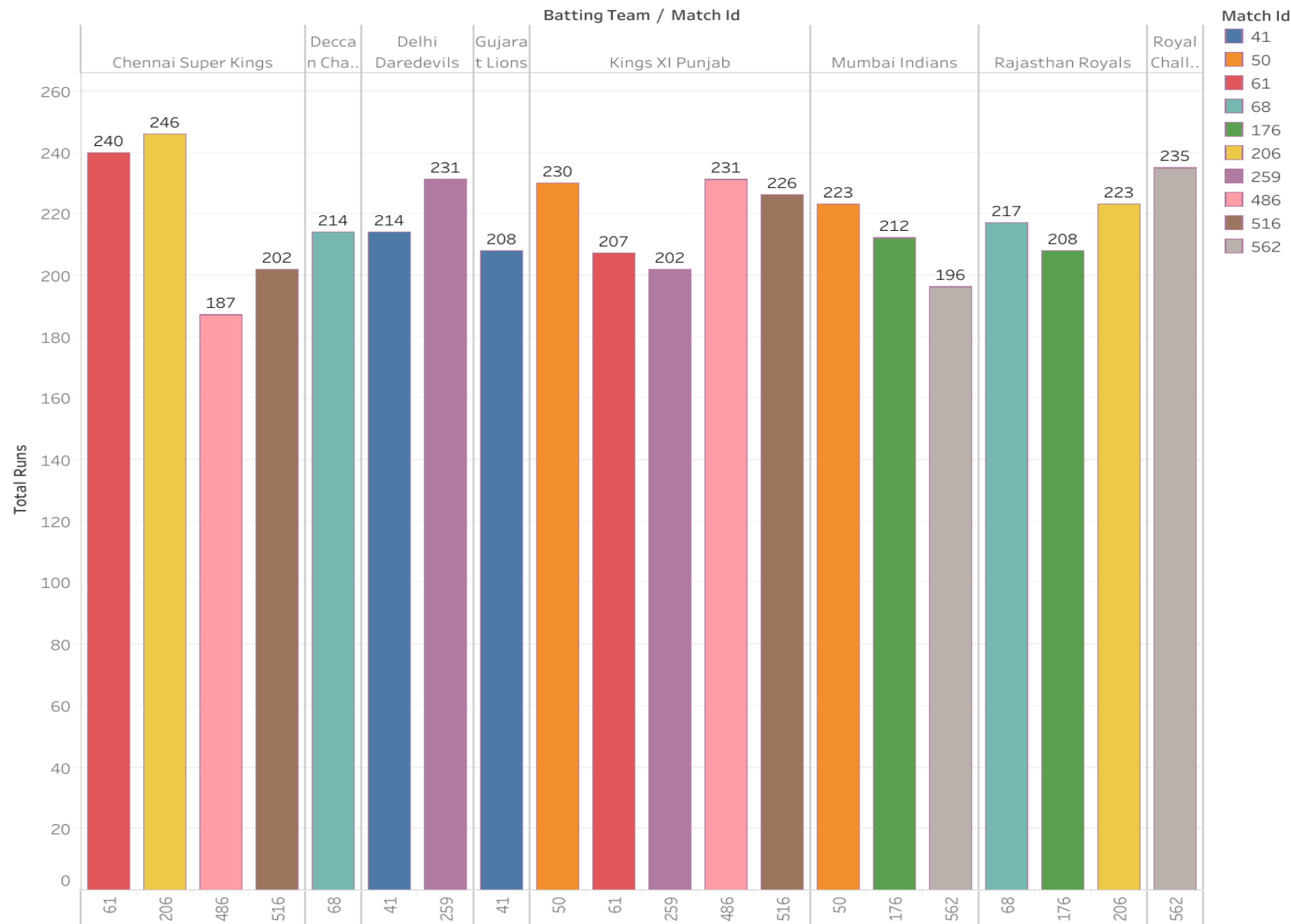
# Biggest wins by Wickets



Winner and sum of Win By Wickets. Color shows sum of Win By Wickets. Size shows sum of Win By Wickets. The marks are labeled by Winner and sum of Win By Wickets. Details are shown for Match Id. The data is filtered on Id, which keeps 10 of 636 members.



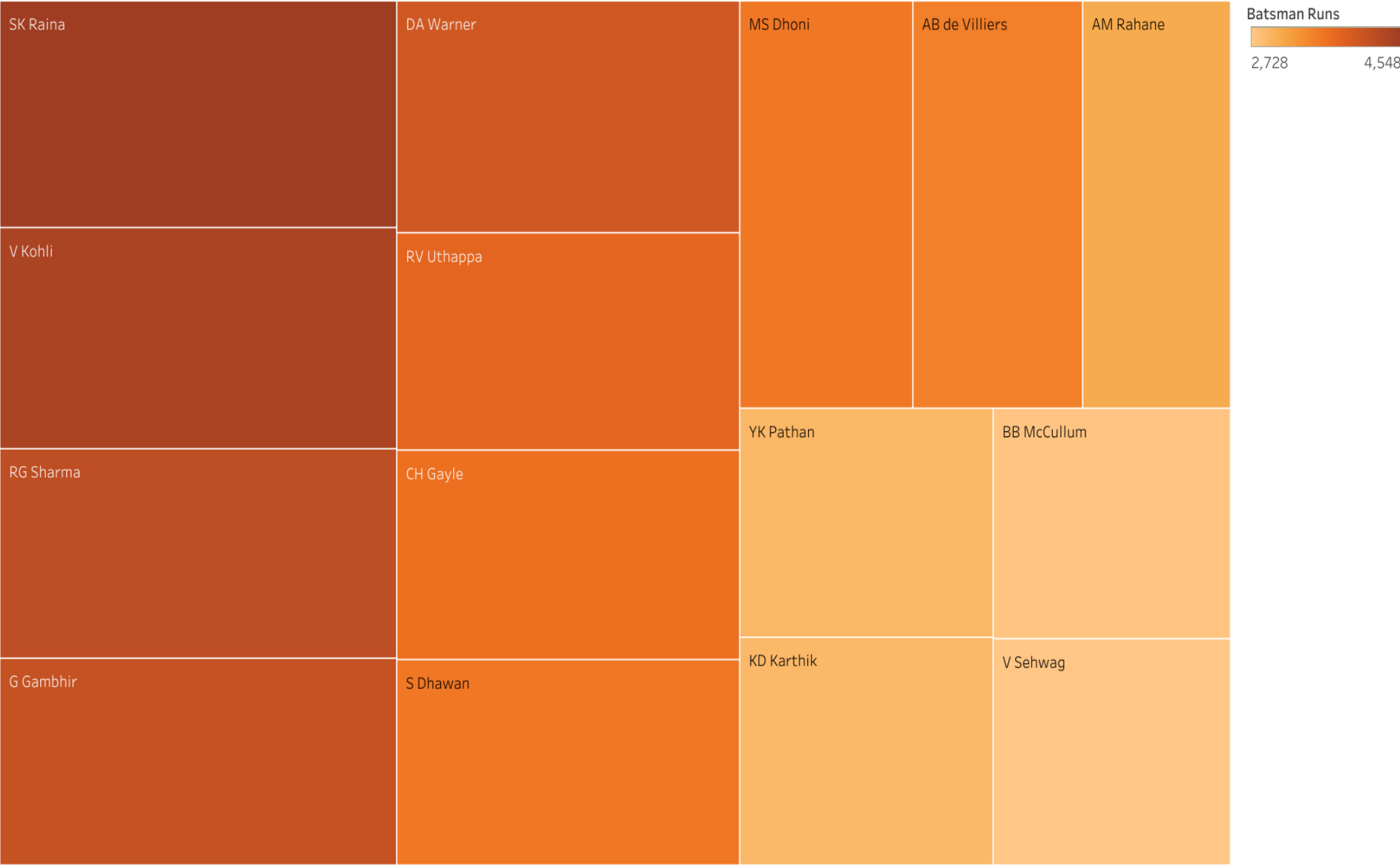
# Highest Totals (Across all Seasons)



Sum of Total Runs for each Match Id broken down by Batting Team. Color shows details about Match Id. The marks are labeled by sum of Total Runs. The view is filtered on Match Id, which keeps 10 of 2,725 members.



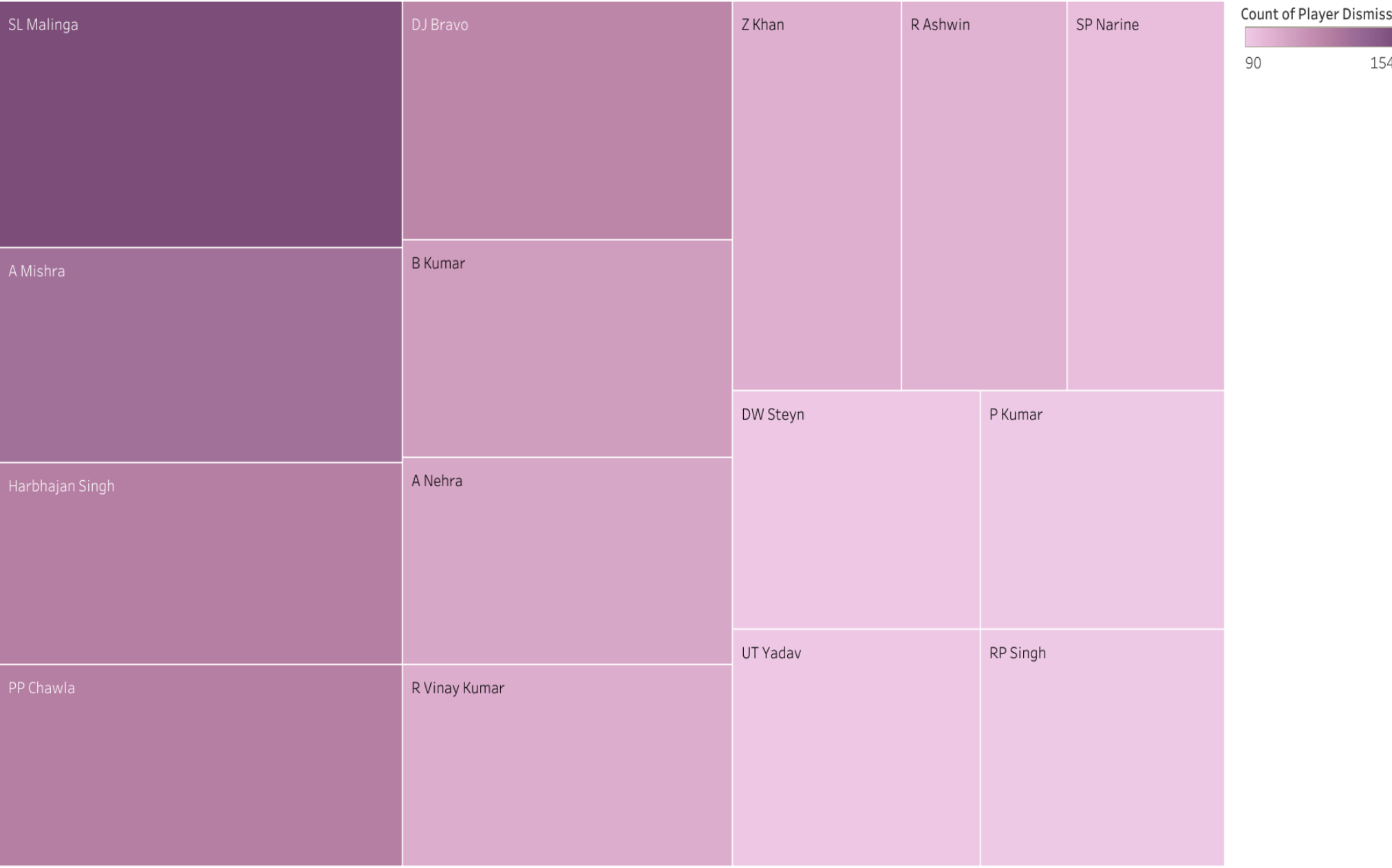
# Player Statistics: Orange Cap Contenders



Batsman. Color shows sum of Batsman Runs. Size shows sum of Batsman Runs. The marks are labeled by Batsman. The data is filtered on Season and Rank. The Season filter keeps 10 of 10 members. The Rank filter ranges from 1 to 15.

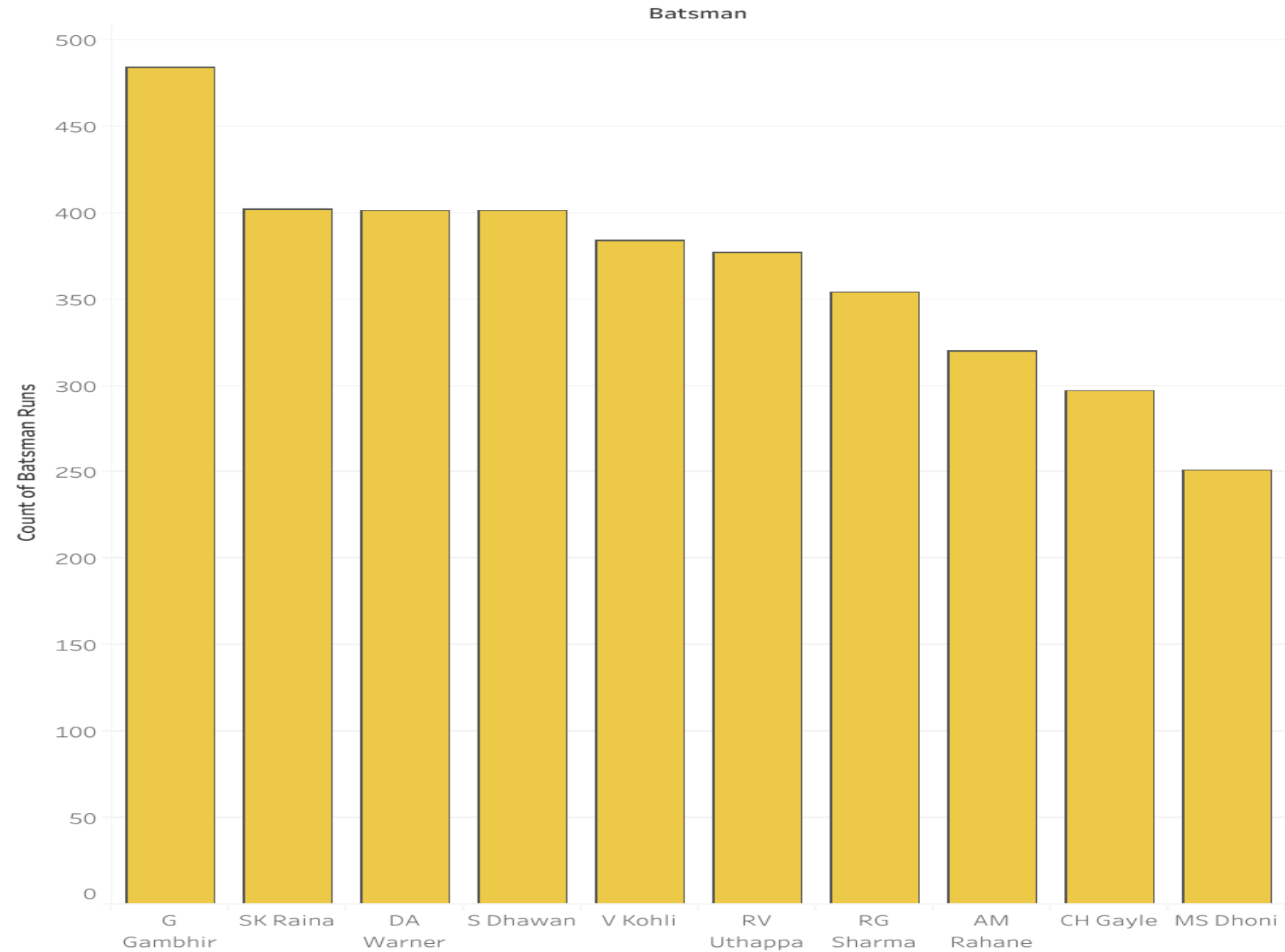


# Purple Cap Contenders

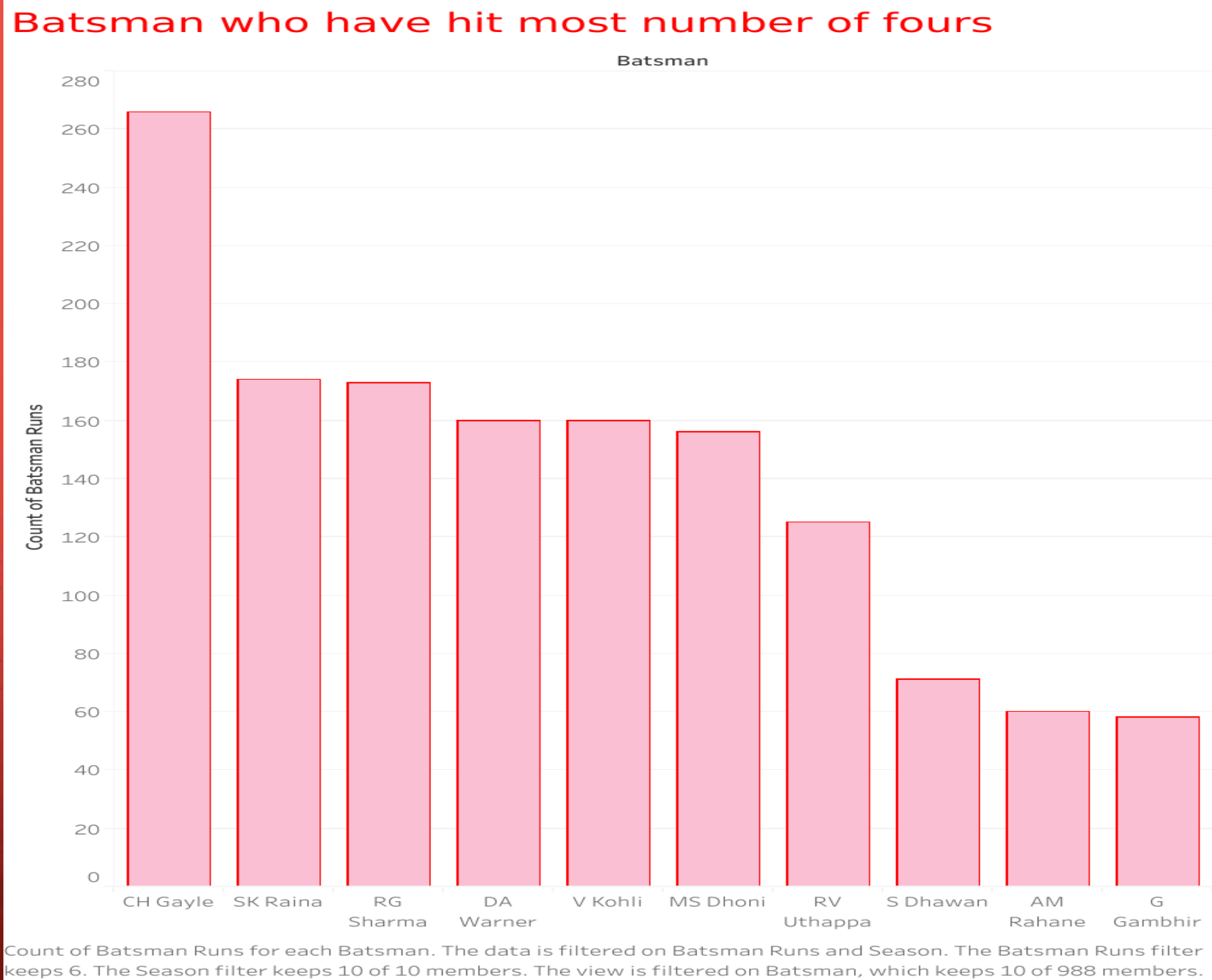


Bowler. Color shows count of Player Dismissed. Size shows count of Player Dismissed. The marks are labeled by Bowler. The data is filtered on Dismissal Kind, Season and Rank. The Dismissal Kind filter keeps bowled, caught, caught and bowled, lbw and stumped. The Season filter keeps 10 of 10 members. The Rank filter ranges from 1 to 15.

# Batsman who have hit most number of fours

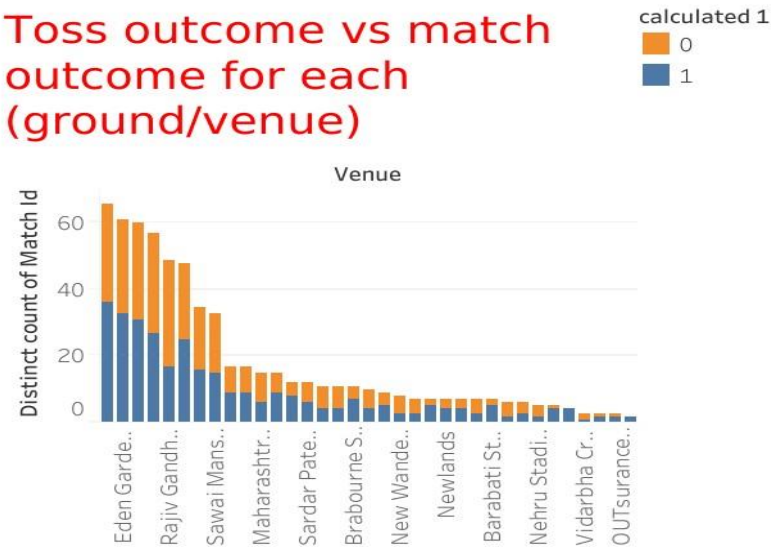


Count of Batsman Runs for each Batsman. The data is filtered on Batsman Runs and Season. The Batsman Runs filter keeps 4. The Season filter keeps 10 of 10 members. The view is filtered on Batsman, which keeps 10 of 988 members.

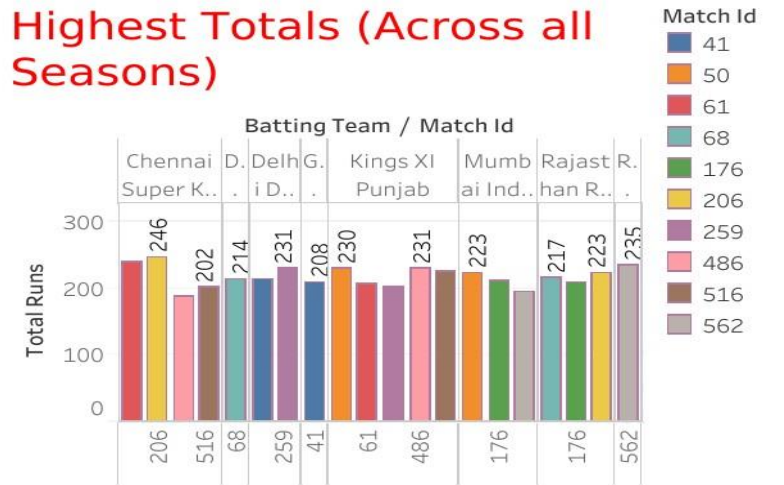


# MATCH STATISTICS-SUMMARY

## Toss outcome vs match outcome for each (ground/venue)

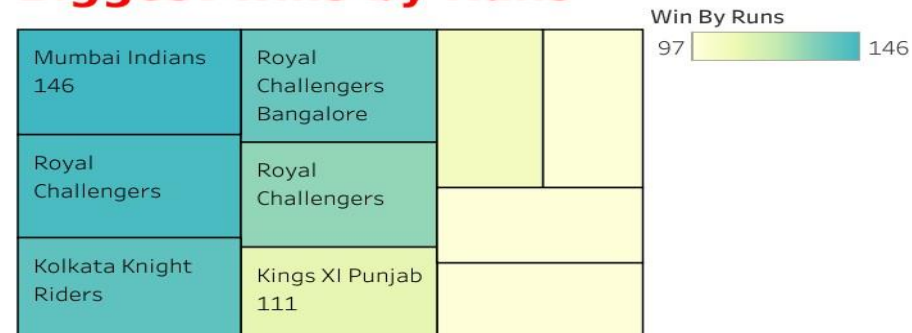


## Highest Totals (Across all Seasons)

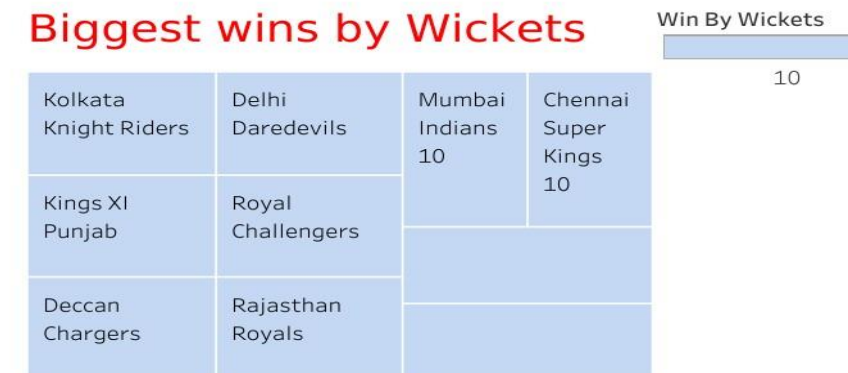


## Match Statistics

## Biggest wins by Runs

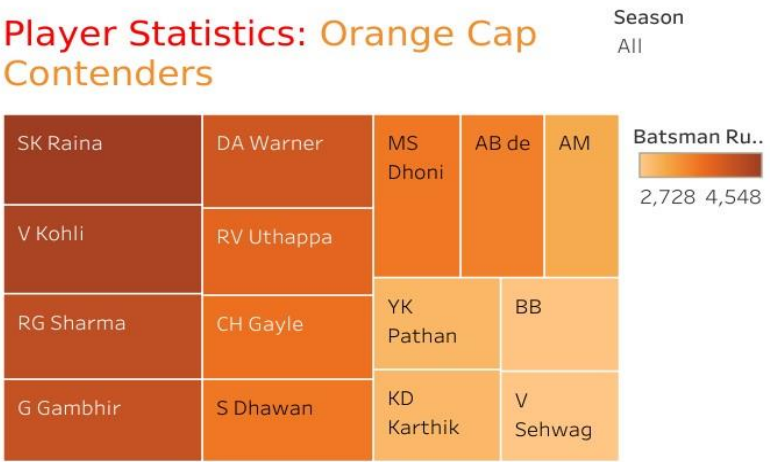


## Biggest wins by Wickets

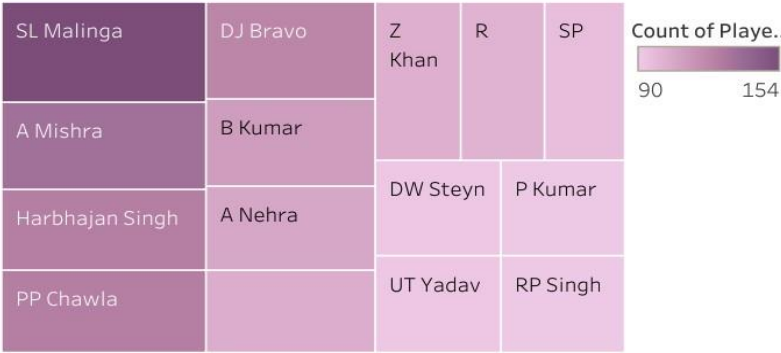




Player Statistics: Orange Cap Contenders

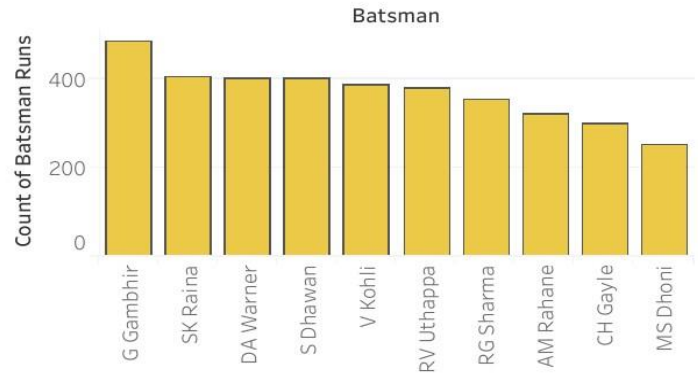


Purple Cap Contenders

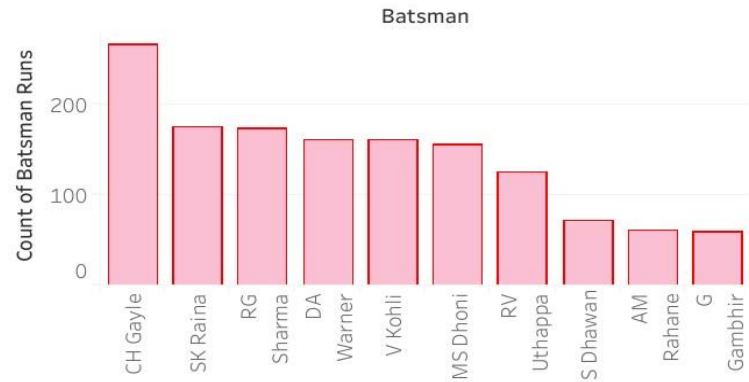


Player Statistics

Batsman who have hit most number of fours

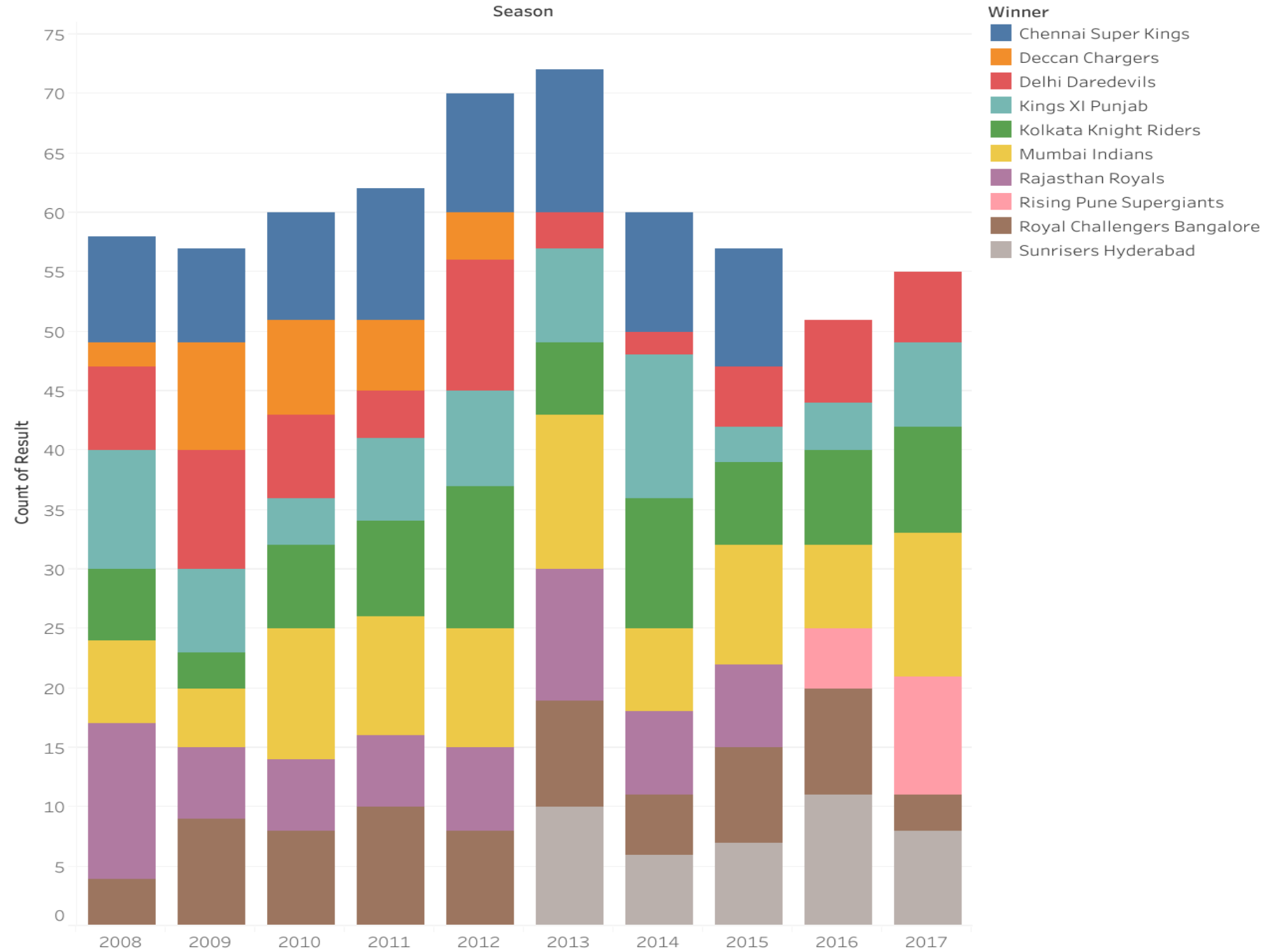


Batsman who have hit most number of fours

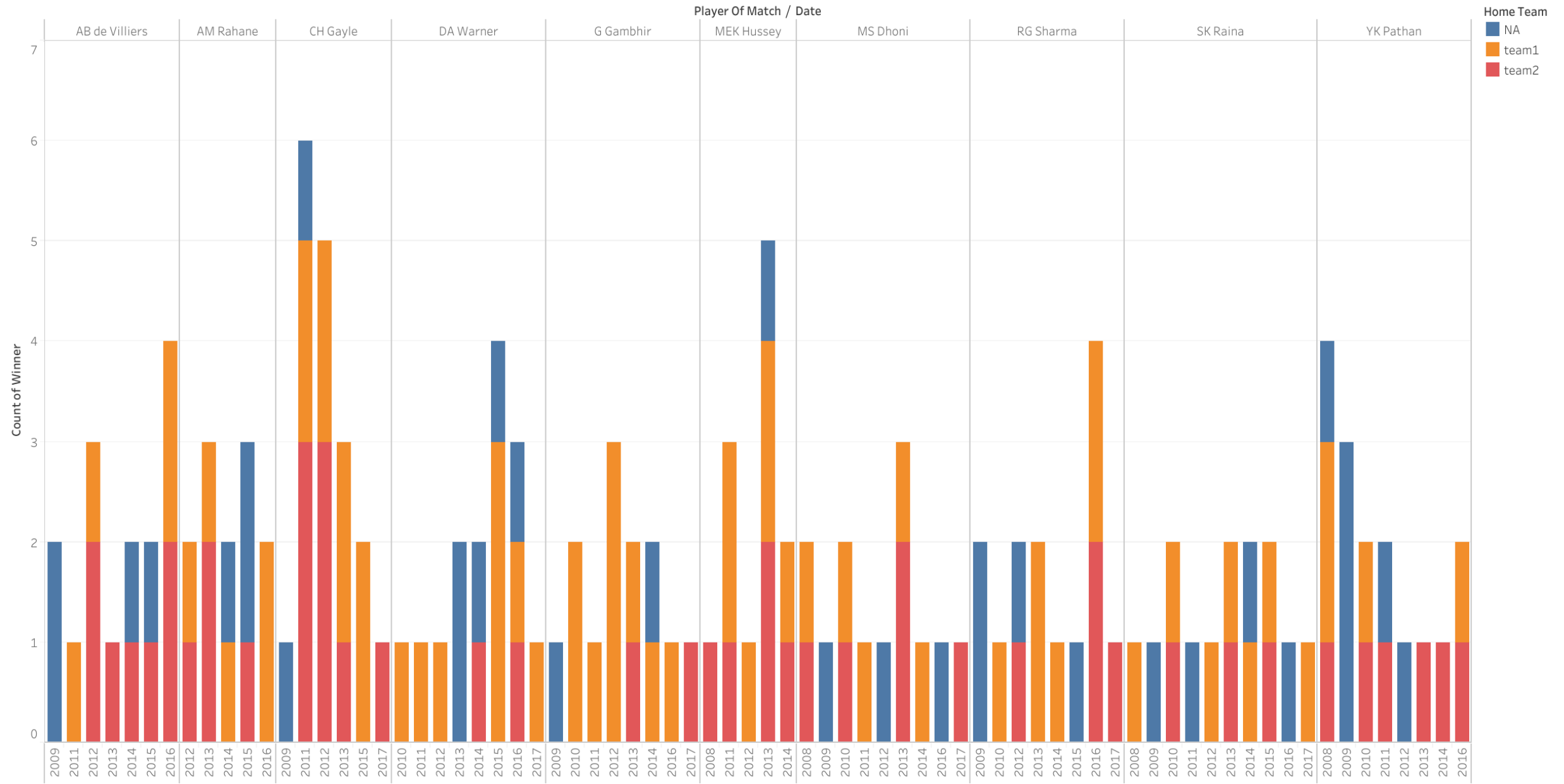




## Season wise team performance

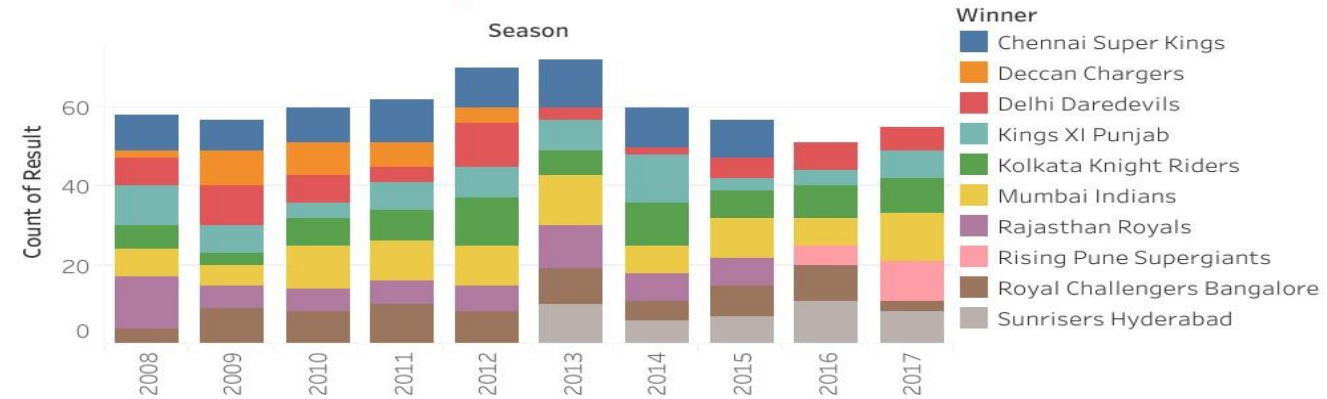


## Win percentage (home vs away)



# TEAM STATISTICS -SUMMARY

## Season wise team performance



## Team Statistics

## Win percentage (home vs away)





THANK YOU