



# IPL SEASON VISUALISATIONS

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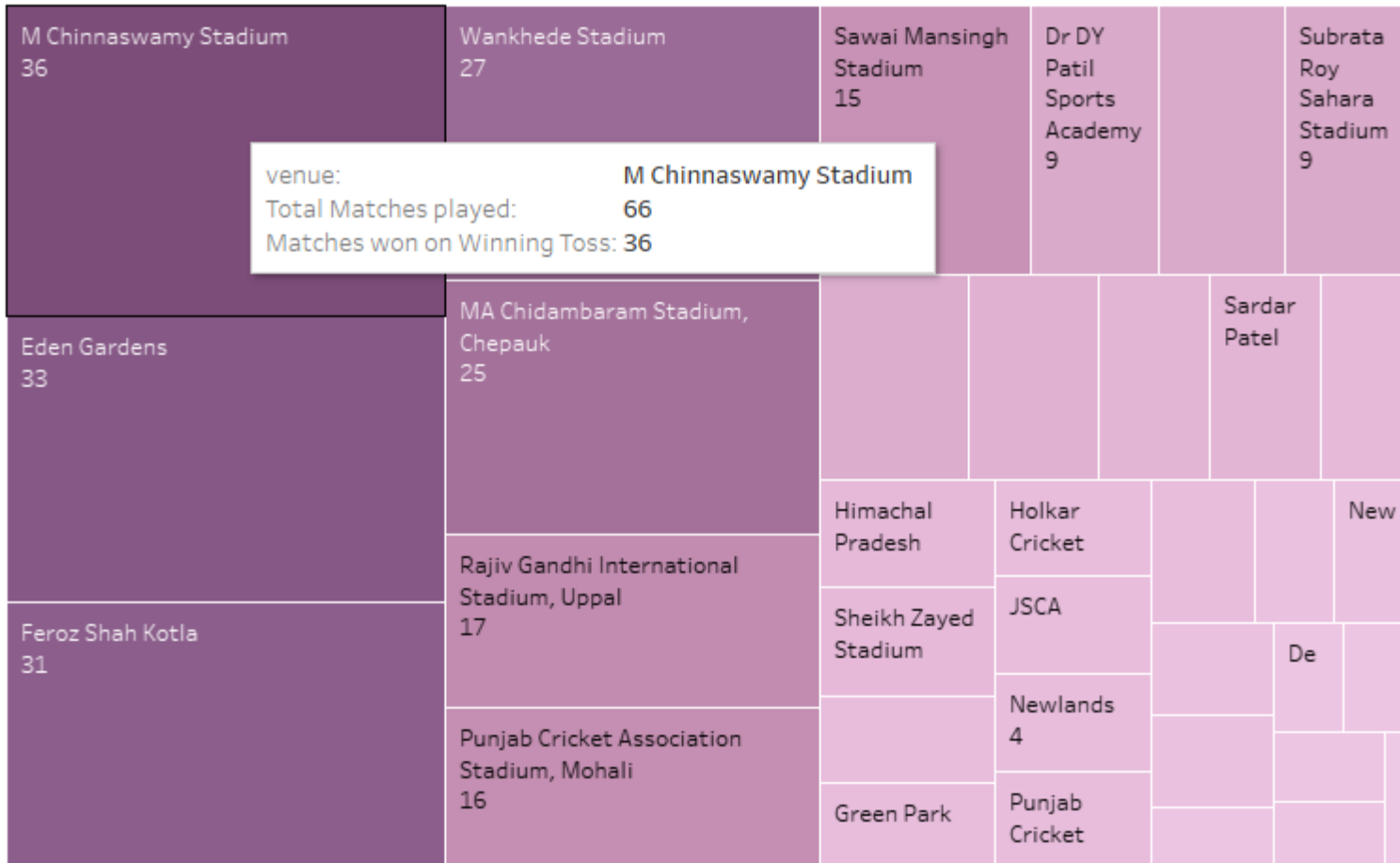
# PROBLEM STATEMENT

As a data analyst at IFP, an interactive dashboard needs to be built in Tableau to serve the purpose of providing an infographic for a newsletter that the team is working on. The dashboard should contain several IPL statistics with respect to the match, teams and the players. The visuals will help in giving a better understanding of the IPL statistics.

# MATCH STATISTICS

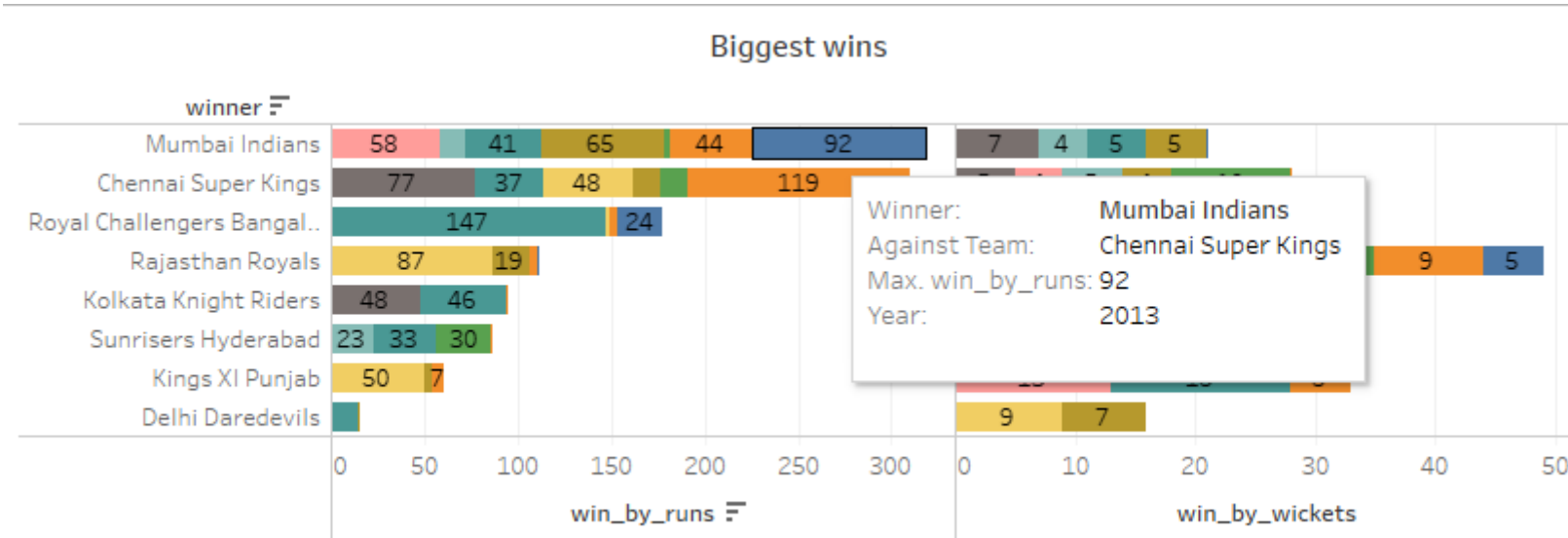
# TOSS OUTCOME VS MATCH OUTCOME

Toss Outcome vs Match Outcome for each venue



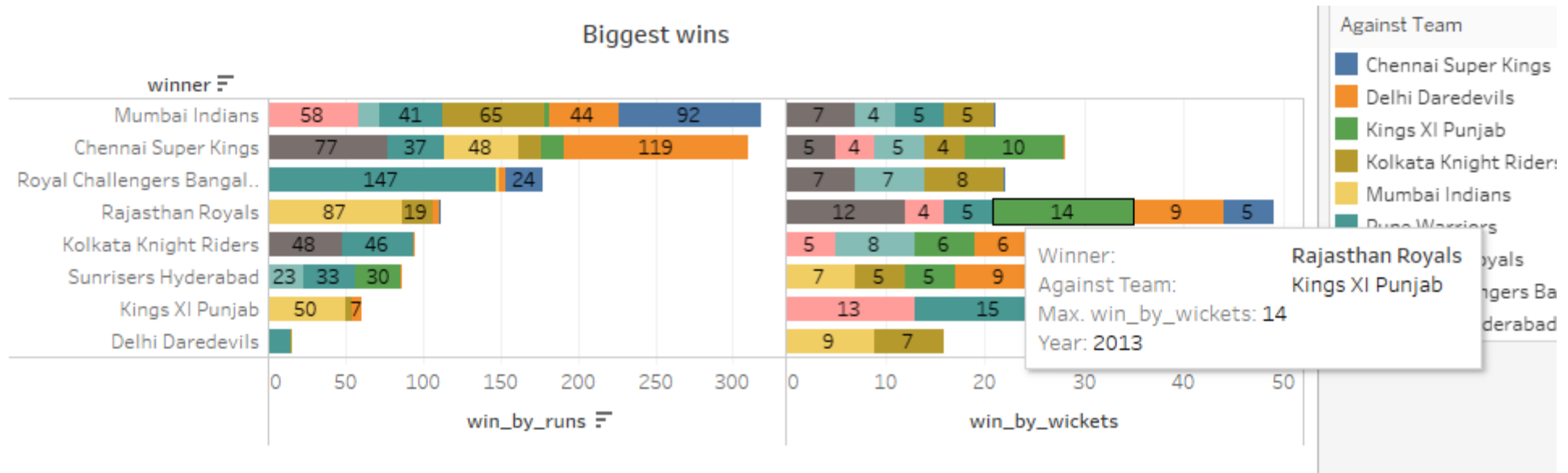
From the tree chart it can be seen that over all the seasons ranging from 2008 to 2017, M Chinnaswamy Stadium is the venue where most matches have been played which is represented by the color and also have the most number of matches won on winning the toss which is represented by the size of each segment.

# BIGGEST WIN BY RUNS



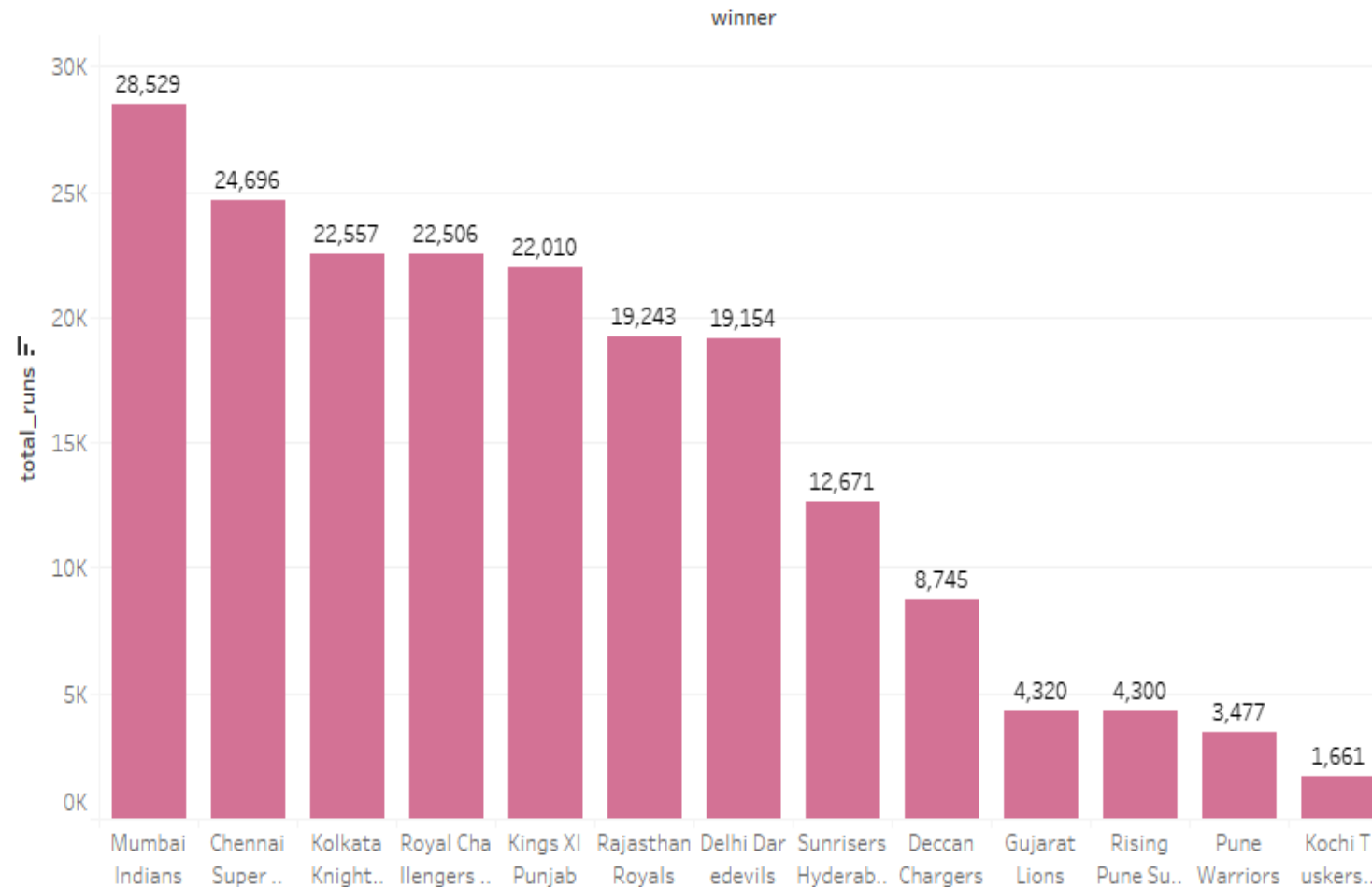
In the year of 2013, it can be seen that Mumbai Indians is the team which had the biggest win by runs and the highest was against Chennai Super Kings winning by 92 runs on the total for all the matches played against CSK in that season.

# BIGGEST WIN BY WICKETS



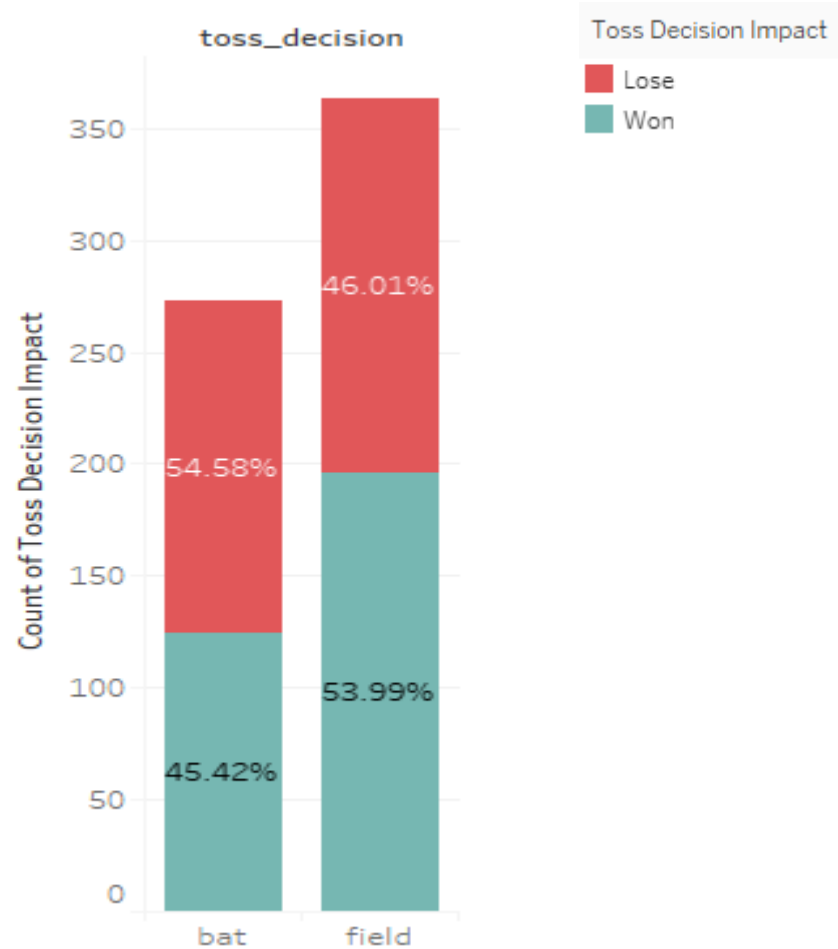
In the year of 2013, it can be seen that Rajasthan Royals is the team which had the biggest win by wickets and the highest was against Kings XI Punjab winning by 14 wickets on the total for all the matches played against KXIP in that season.

# HIGHEST TOTALS



It can be seen that among the top 10 winners, Mumbai Indians is the team scoring the highest total runs over all the seasons with the total runs of 28529.

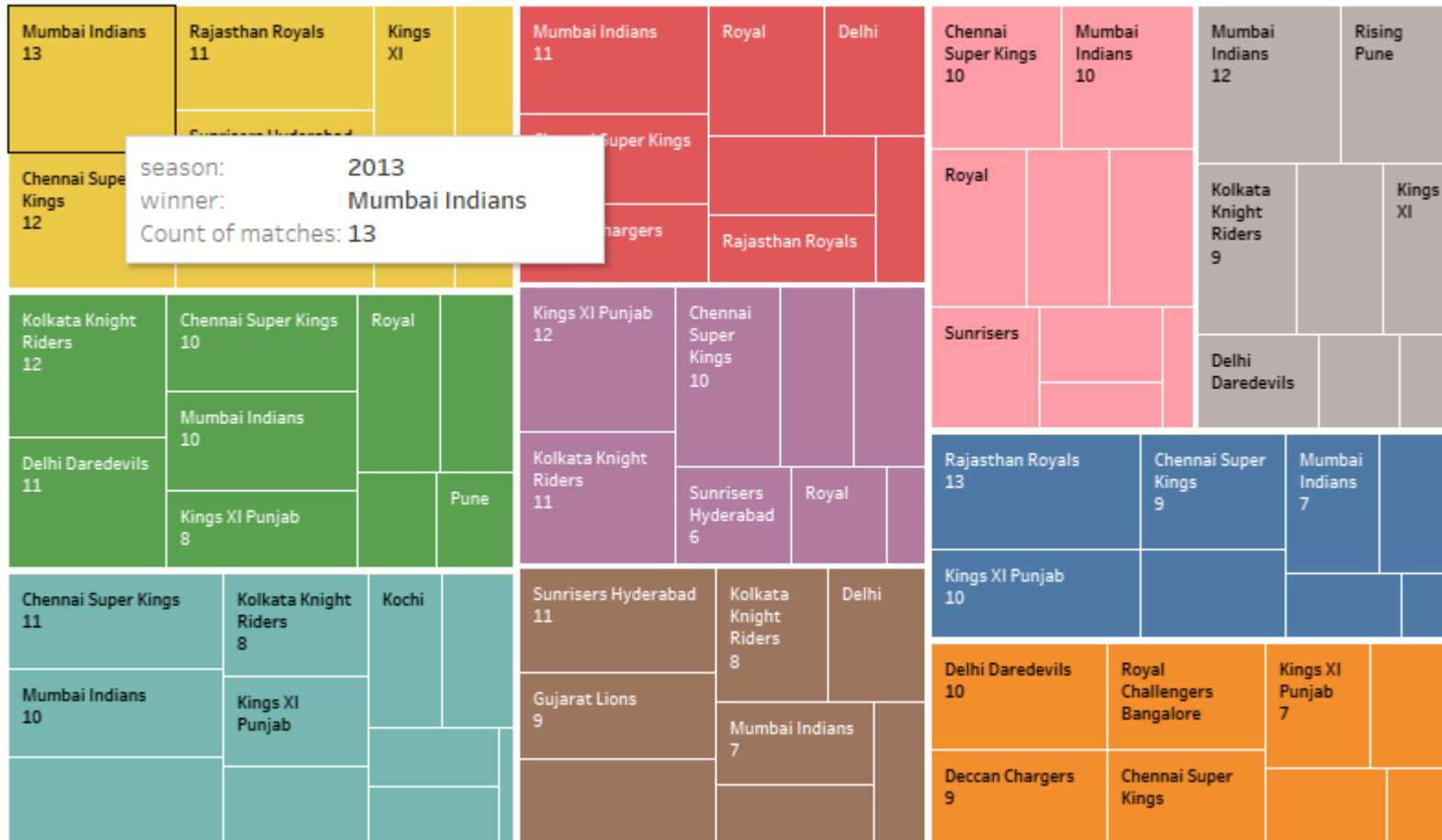
# TOSS DECISION



From the stacked bar chart, it can be seen on the overall that teams which won the toss and decided to field first won the match. On the other hand, those teams which won a toss and decided to bat first, lost the game. So from the analysis it can be clearly said that chances of winning increases if the toss winner decides to field first.

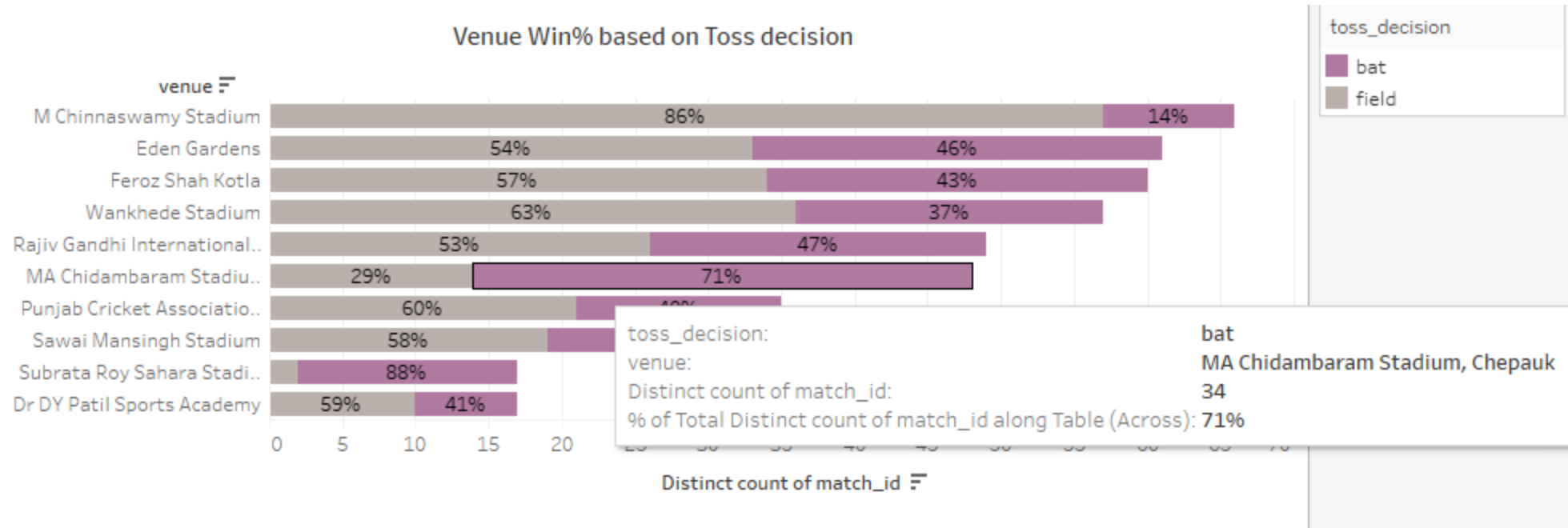


# MATCHES WON PER SEASON



It can be clearly seen that most number of matches were played in season 2013 and Mumbai Indians team played the most number of matches. On the other hand, Kolkata Knight Riders played the most number of matches in season 2012 depicted by green color. The treemap shows that in recent times less number of total matches are being played as you can see the number of matches played in 2017 depicted by the grey color is less.

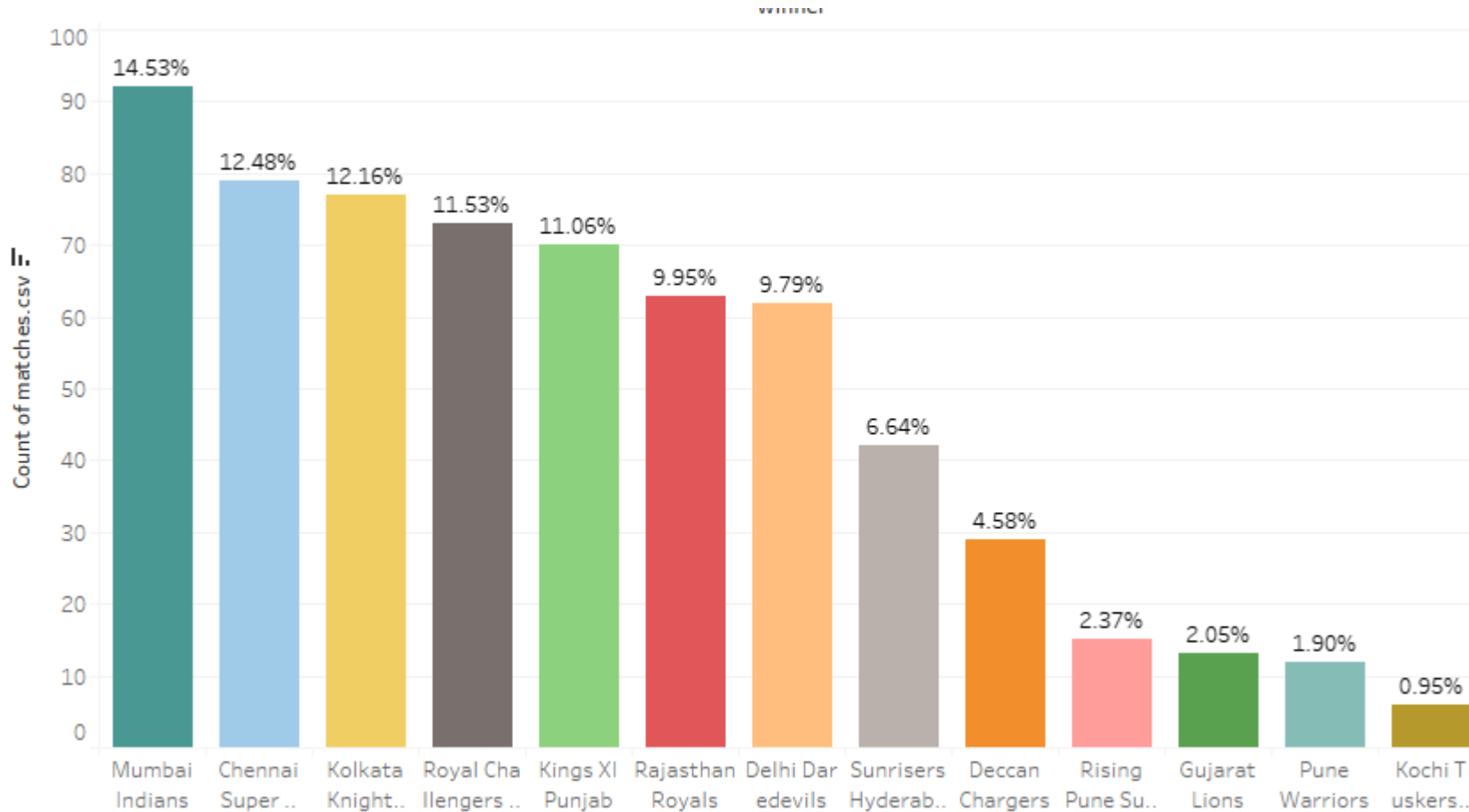
# VENUE WIN% BASED ON TOSS DECISION



Among the top 10 venues, it can be seen that all the venues except Chidambaram Stadium choosing fielding after winning the toss favours the team to win the match. But in case of Chidambaram Stadium it can be seen that , choosing batting after winning the toss favours the team to win the match.

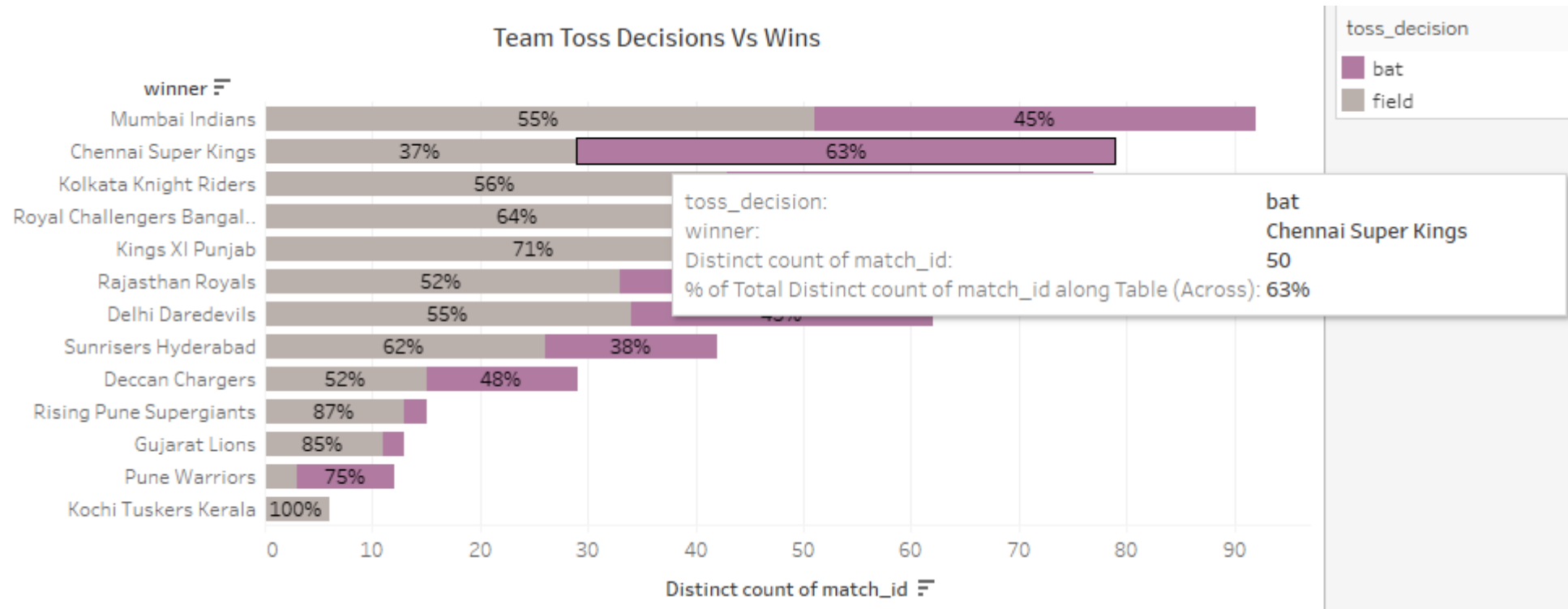
# TEAM STATISTICS

# WIN % OVERALL



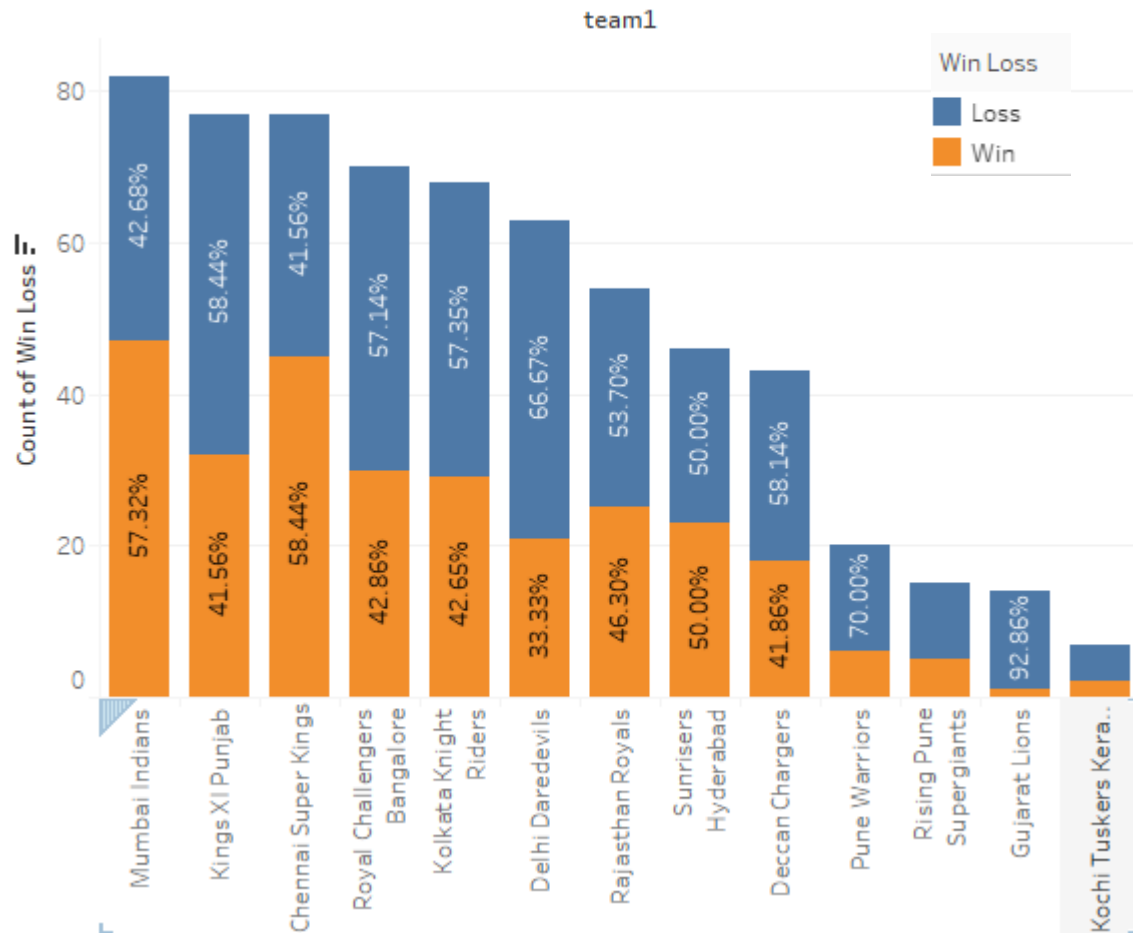
Among the top 10 winning teams it can be seen that in the overall across all the seasons, Mumbai Indians team has the highest winning percentage (14.53%) followed by Chennai Super Kings and Kolkata Knight Riders.

# TEAM TOSS DECISIONS VS WINS



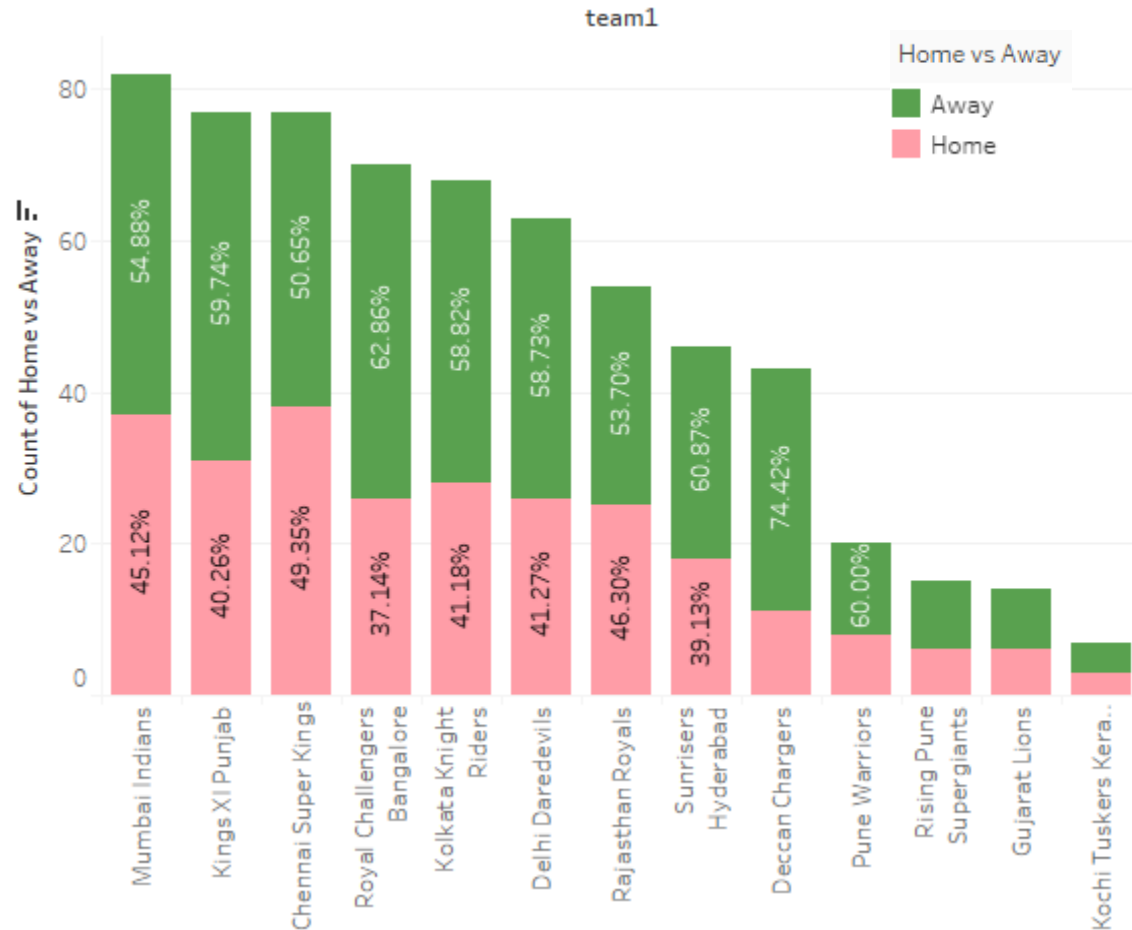
From the above it can be clearly seen that, Chennai Super Kings is the only winning team for whom choosing to bat after winning a toss favours in winning a match. All the other teams' chance of winning is more when they choose to field after winning a toss.

# WIN VS LOSS OF TEAMS



Among the teams which played the most number of matches throughout all the seasons, it can be seen that Chennai Super Kings has the highest percentage of winning the matches where as Kings XI Punjab, even if it has played the same number of matches as CSK, but the winning percentage is very less in that case.

# HOME VS AWAY WIN %

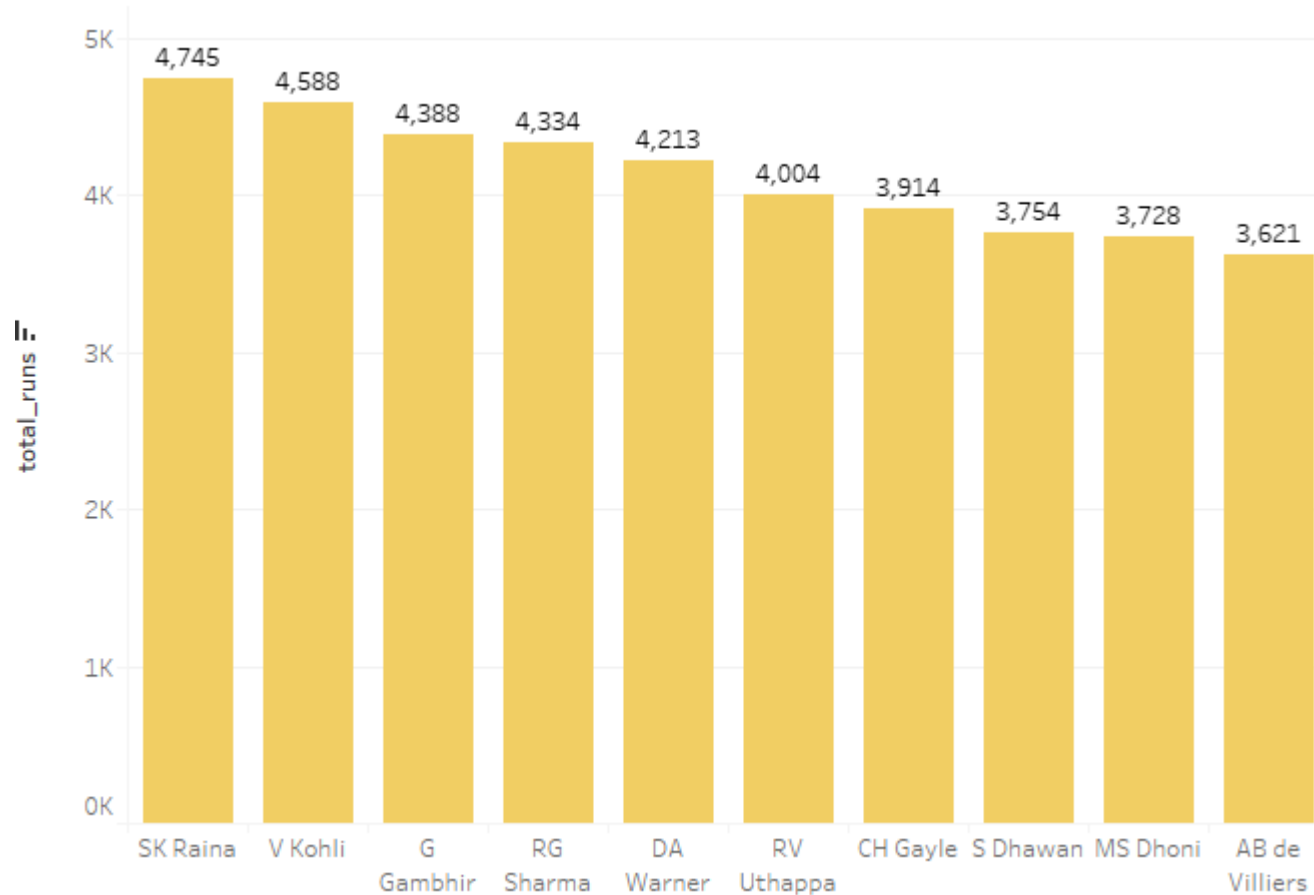


It can be clearly seen that all the teams wins more number of matches when they are not playing at their home venue. So they perform better when they are away, as they are under less pressure they tend to perform better.

# PLAYER STATISTICS

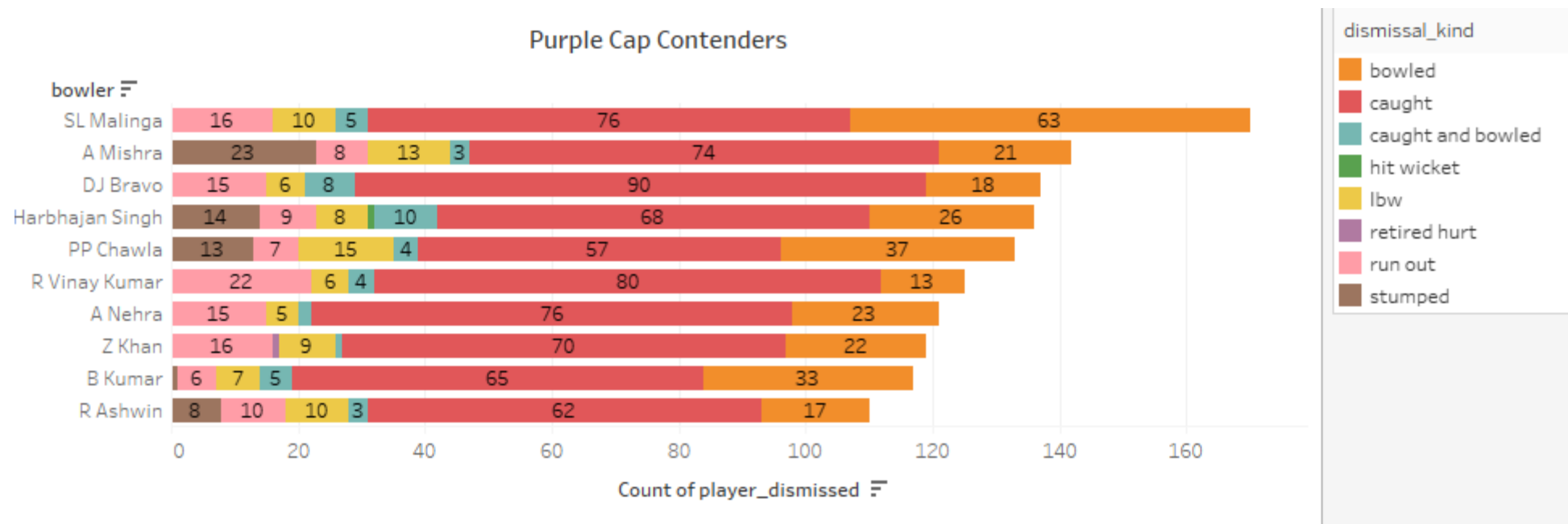


# ORANGE CAP CONTENDERS



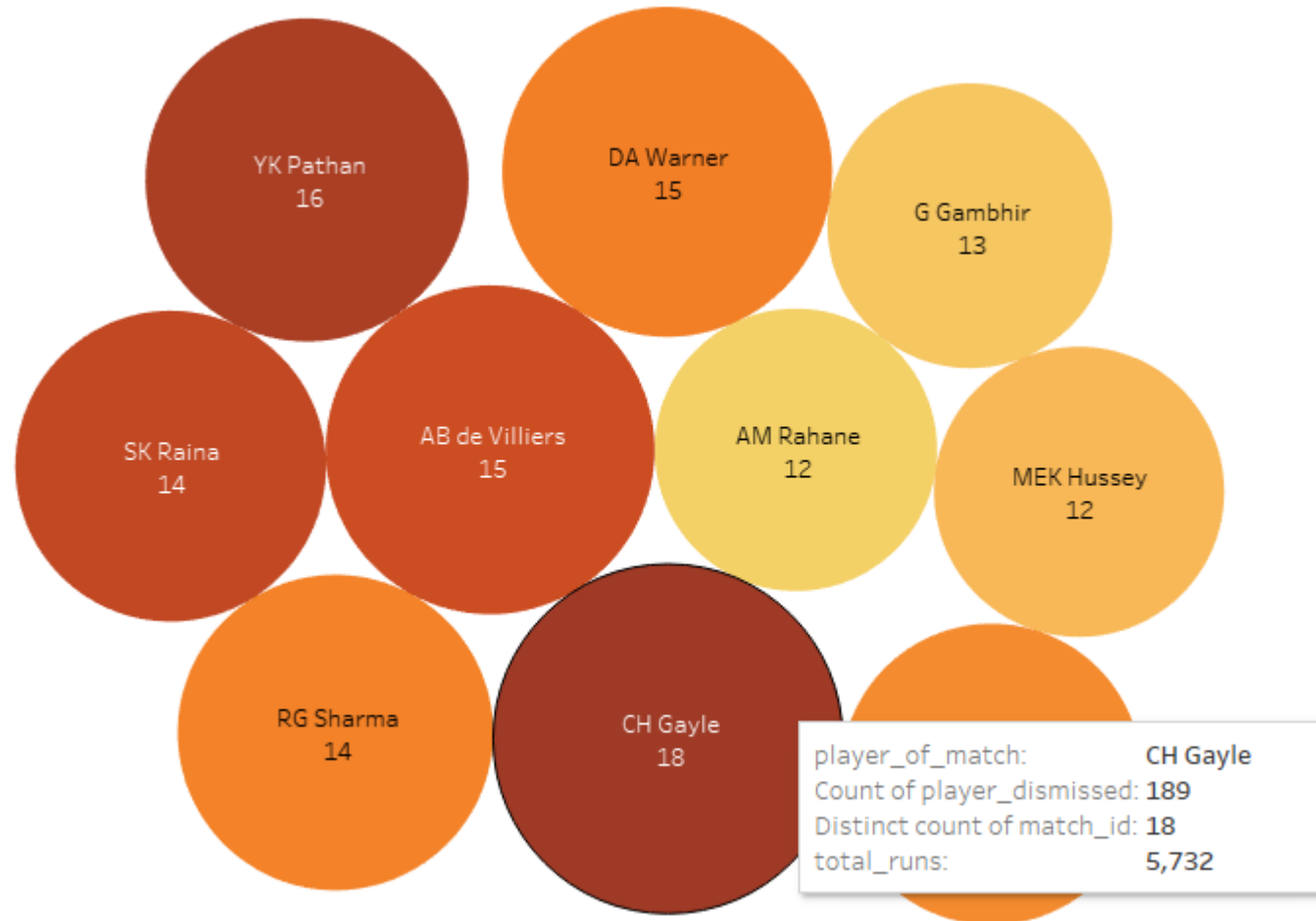
The chart shows the top players of all the IPL seasons with the most number of runs over all the seasons together and have been the consistent ones to win the Orange cap in one season or the other.

# PURPLE CAP CONTENDERS



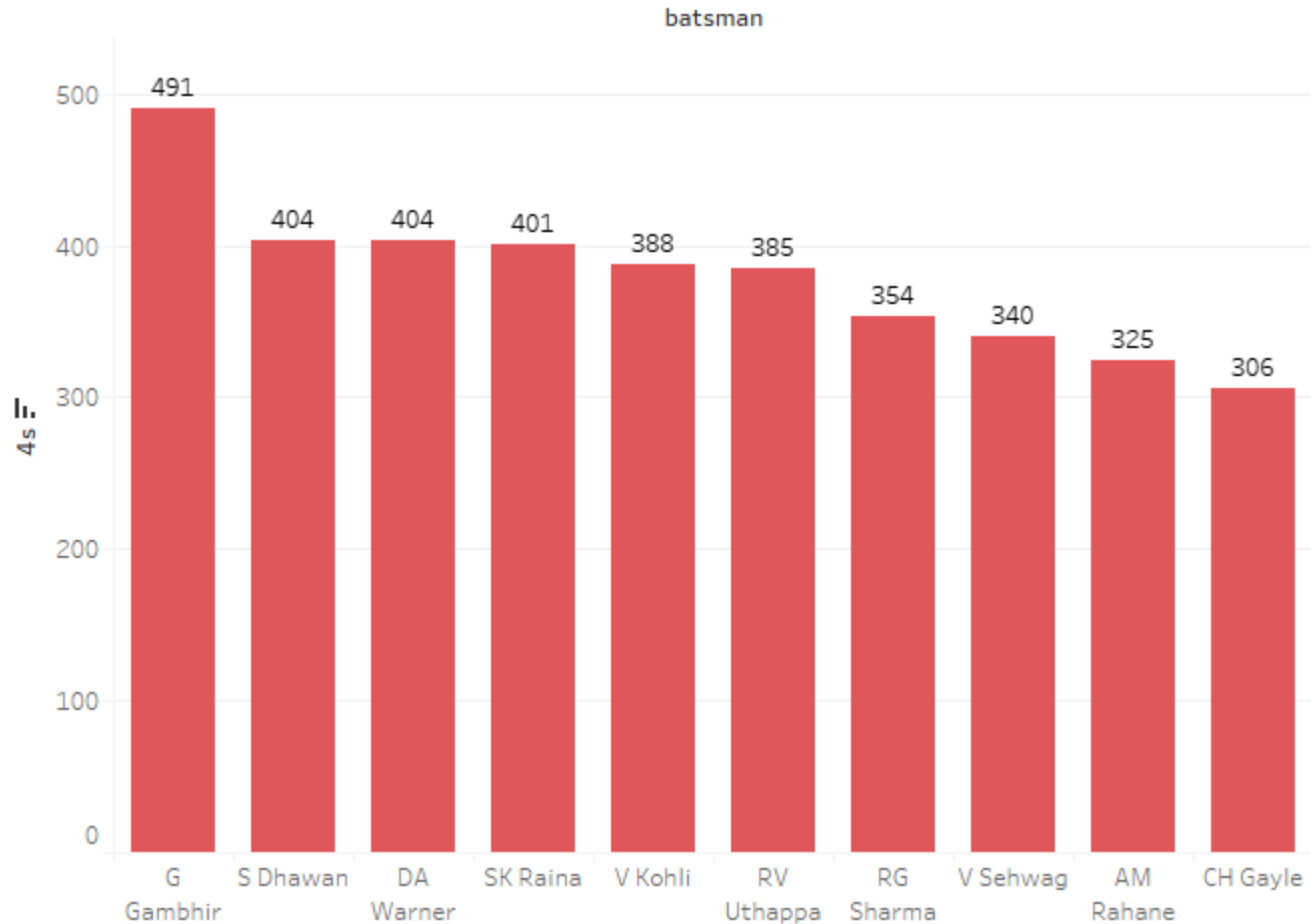
The above visual shows the best bowlers with the highest number of wickets taken over all the seasons together, who has won the purple cap in one season or the other. Also it can be seen that most of the wickets have been taken by dismissal through “caught” category of dismissal\_kind.

# MOST PLAYER OF THE MATCHES



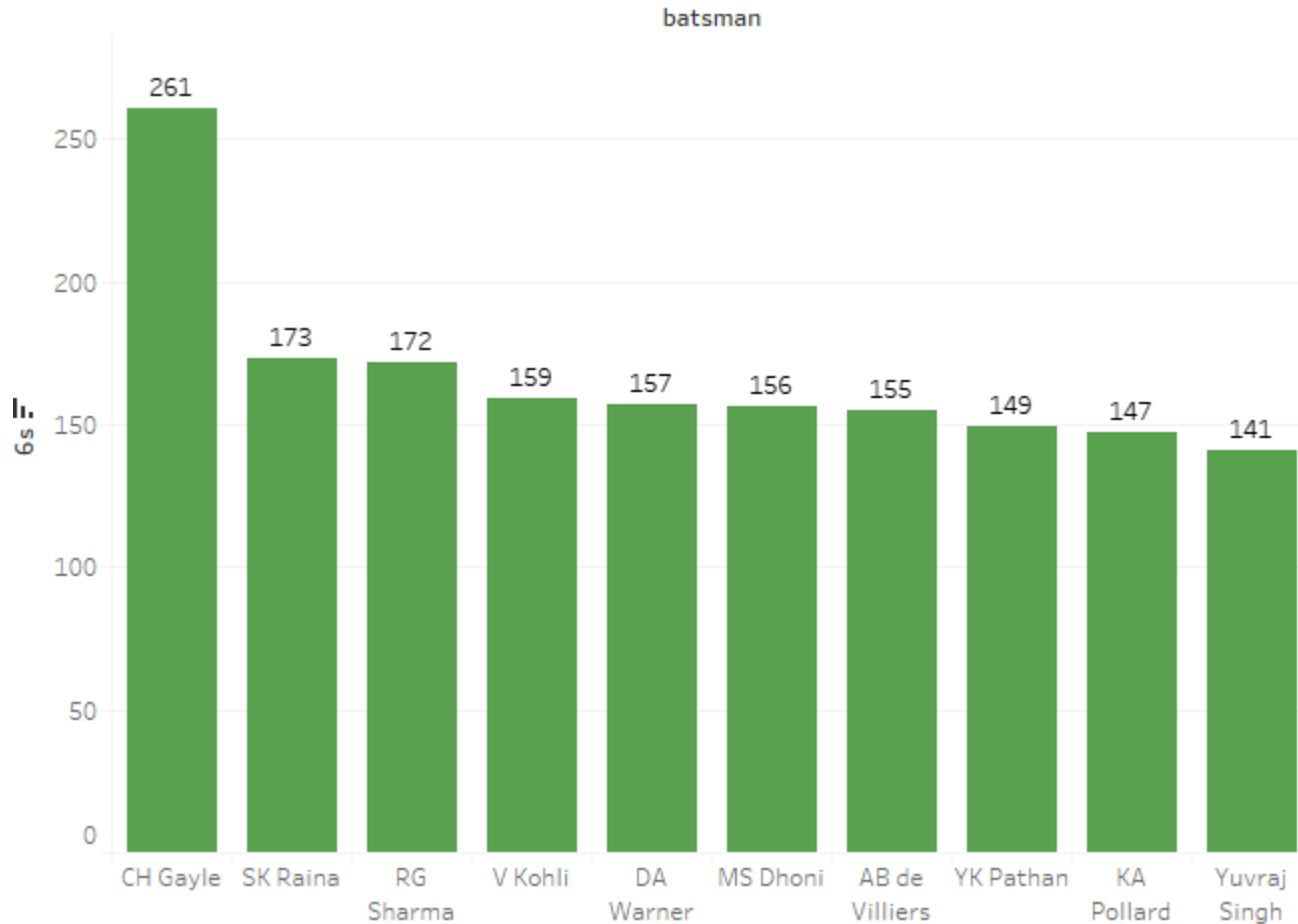
In the packed bubbles chart, the color gradient represents the number of wickets taken and the size of the bubbles represents the total number of runs. This chart shows the players who have won the most player of the matches award over all the seasons. So, Chris Gayle has won the most number of player of matches award and also scored the most number of runs and taken the most number of wickets.

# PLAYERS WITH MOST 4S



The visual shows the players who have scored the most number of 4s over all the seasons together. Gautam Gambhir has scored the most number of 4s over all the season together.

# PLAYERS WITH MOST 6S



The visual shows the players who have scored the most number of 6s over all the seasons together. Chris Gayle has scored the most number of 6s over all the season together with a huge difference with S K Raina who is the second most scorer of 6s.

**THANK YOU**