

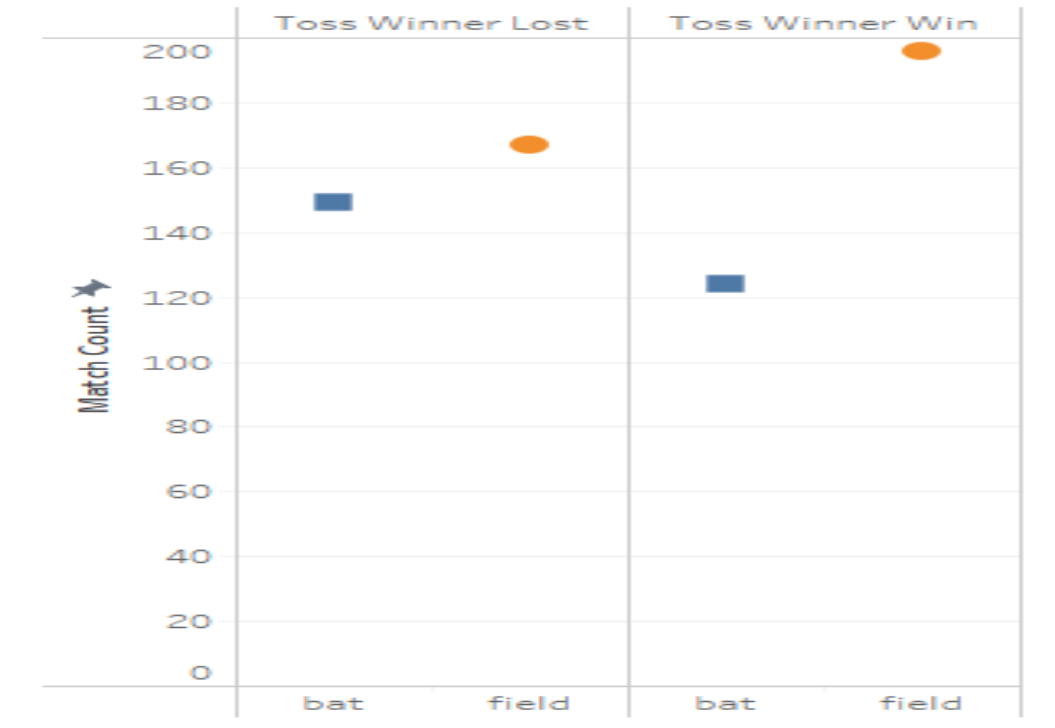
# IPL Statistics Over The Years Using Tableau

**By Amit Kumar**



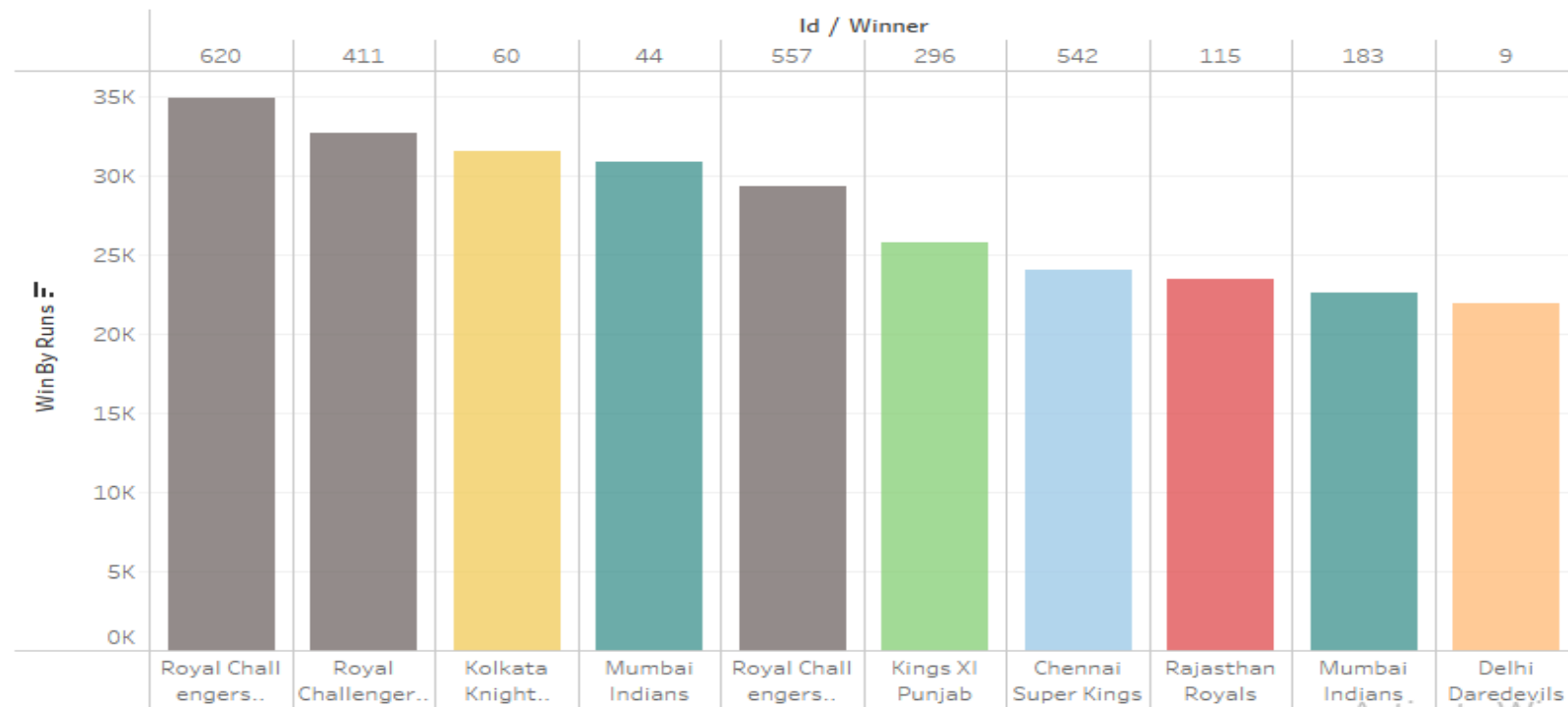
# Toss outcome vs Match outcome

- We create calculated column 'Toss\_VS\_Outcome' with condition (IF [Toss Winner] = [Winner] THEN "Toss Winner Win" ELSE "Toss Winner Lost" END), to find this.



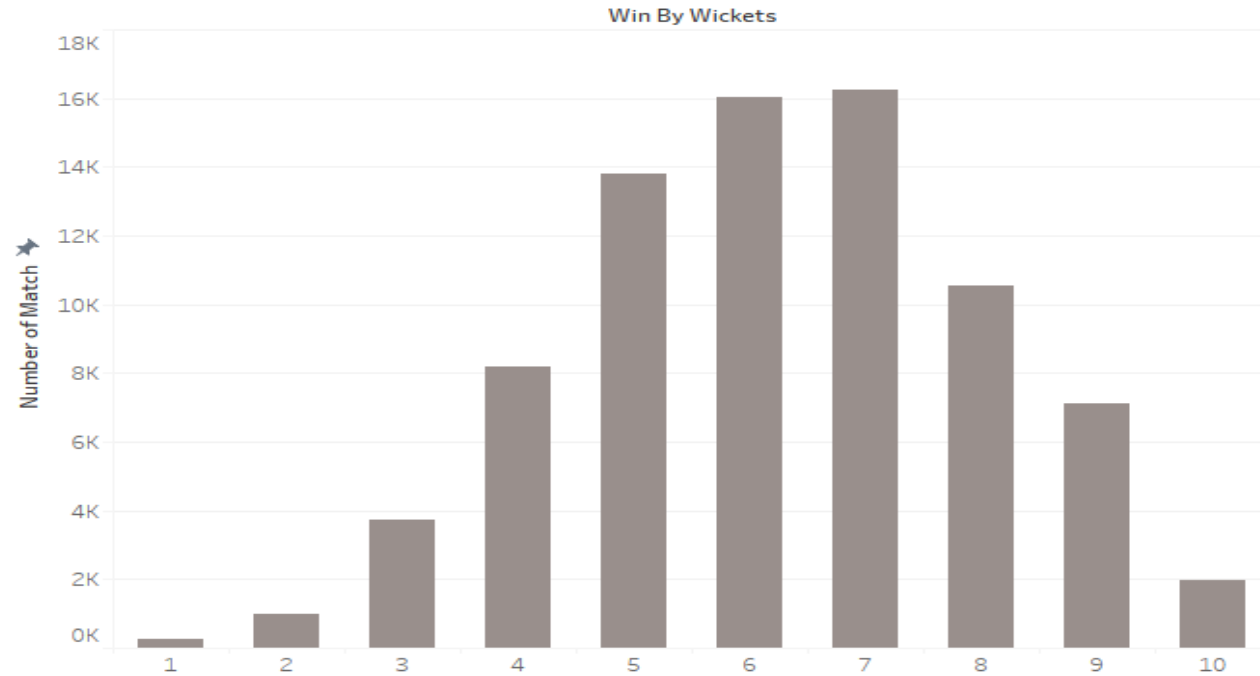
# Biggest wins by runs (Top 10)

- This is top 10 team win by runs.



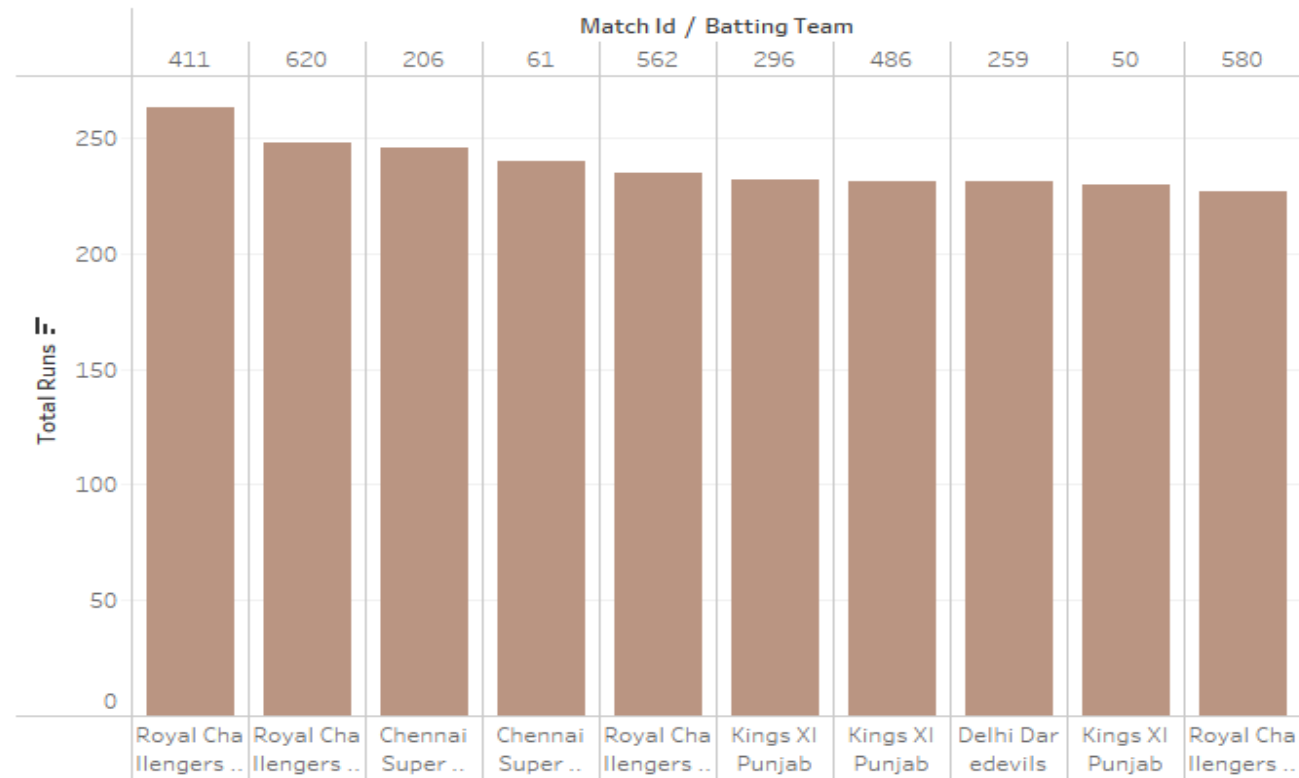
# Biggest wins by Wicket Distribution

- This is top 10 team win by wickets.



# Highest totals

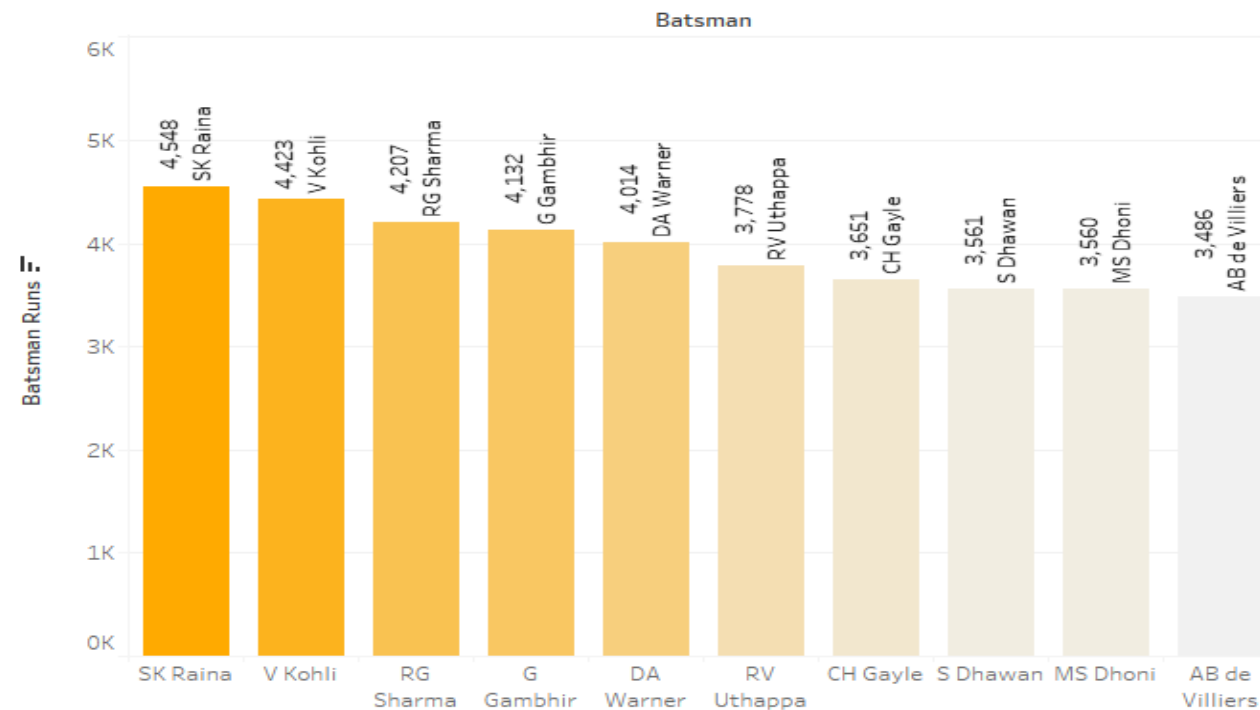
- Highest totals (across all the seasons).





# Orange Cap contenders

- The batsmen who have scored the maximum number of runs in a particular season.



# Purple Cap contenders

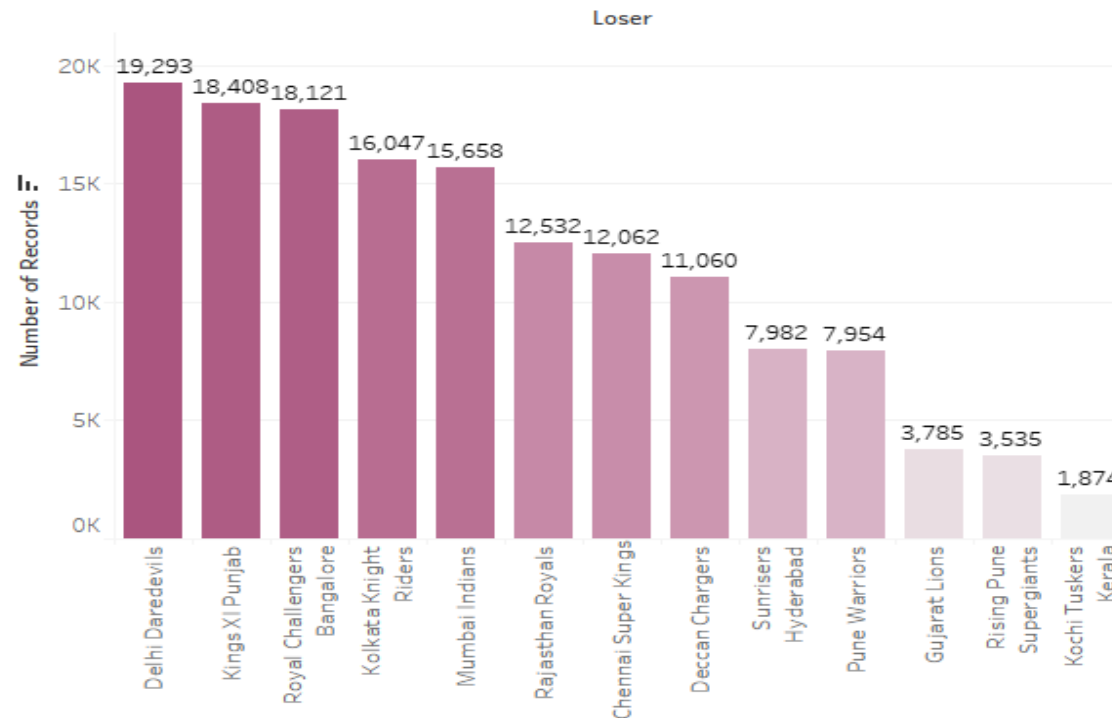
- The bowlers who have taken the maximum number of wickets in a particular season.





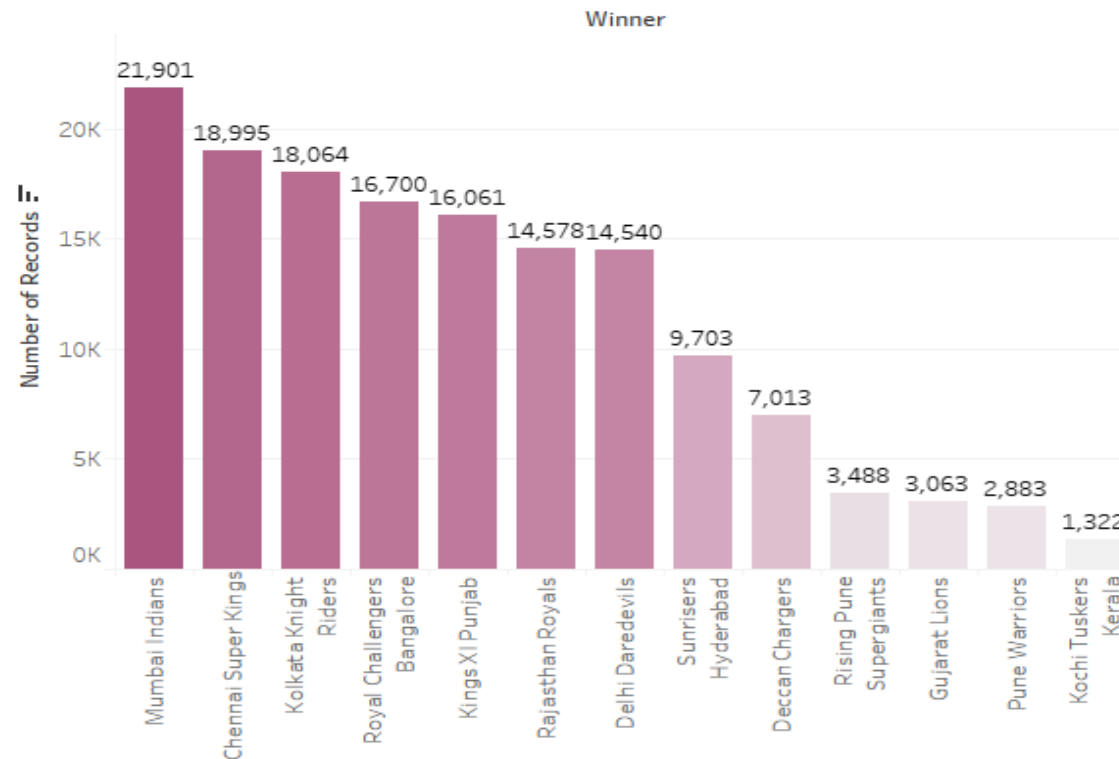
# Team Losses(Season-wise team performance )

- Season-wise team performance (losses)



# Team Wins (Season-wise team performance )

- Season-wise team performance (wins)



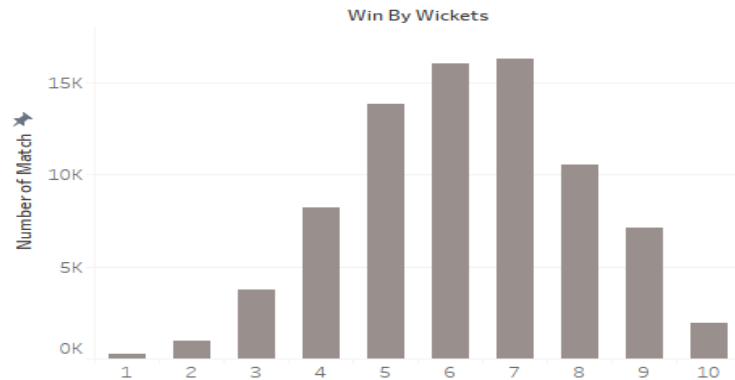
# Win %age ( home vs away)

- This chart comes with Team filter so this chart is for Royal Challengers Bangalore, which give winning percentage per year in home ground of team vs away location.

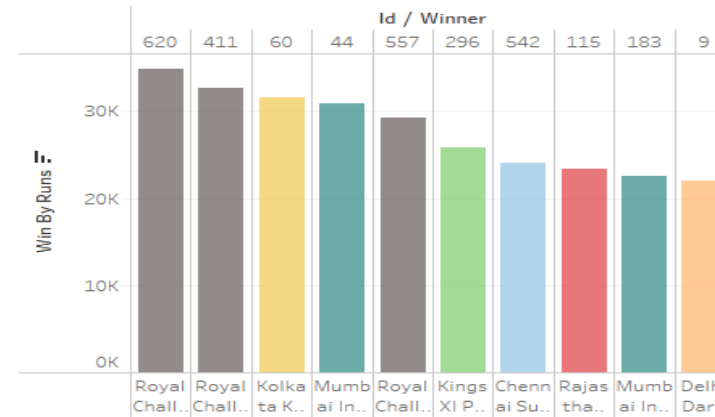
Year of Date	Home vs Away		NA
	Away	Home	
2008	44.53%	14.91%	
2009			56.39%
2010	41.52%	55.19%	44.30%
2011	49.87%	82.33%	50.20%
2012	62.07%	42.48%	
2013	28.49%	86.71%	0.00%
2014	0.00%	40.64%	51.72%
2015	72.85%	25.30%	49.49%
2016	50.34%	54.12%	100.00%
2017	35.10%	17.60%	0.00%

# Match Statistics

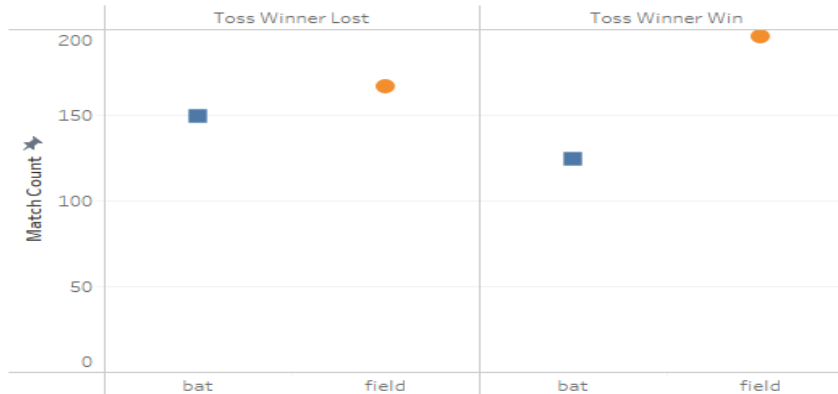
Biggest wins by Wicket Distribution



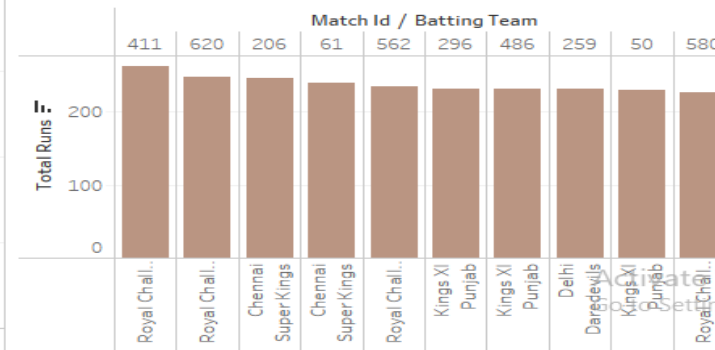
Biggest wins by runs (Top 10)



Toss outcome vs Match outcome (for each Ground/Venue)

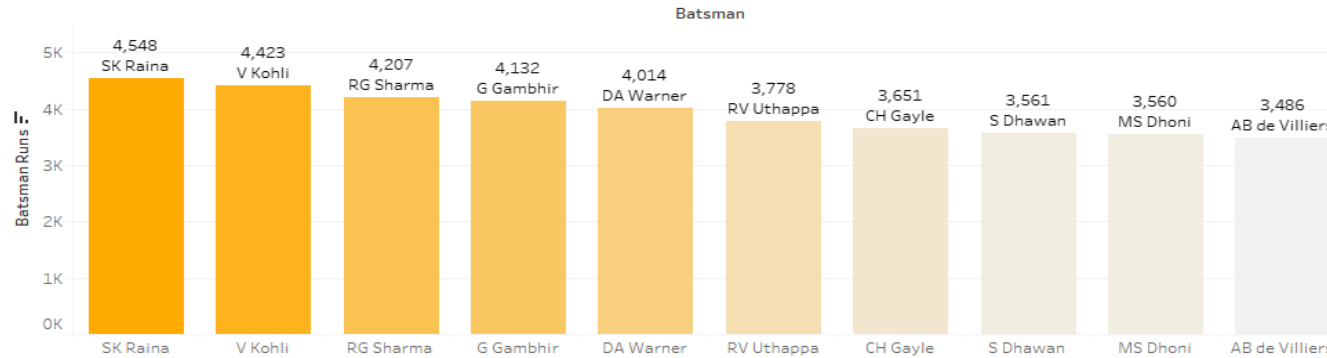


Highest totals

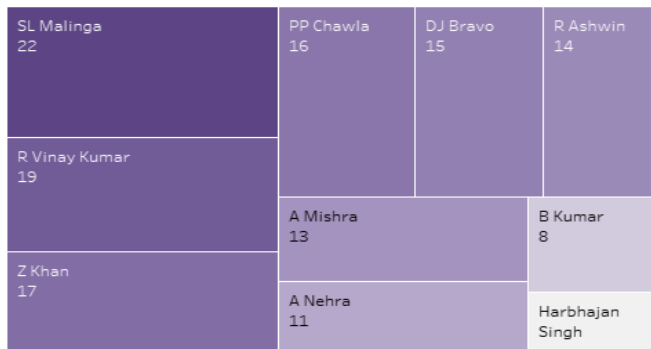


# Player Statistics

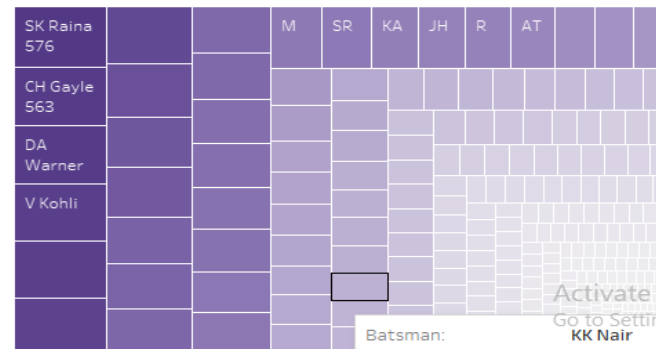
Orange Cap contenders



Purple Cap contenders



Boundaries



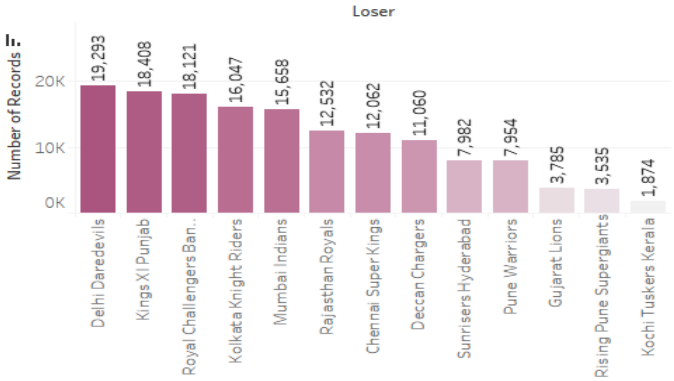
Batsman:  
Count of Batsman Runs: 161

Activate Windows  
Go to Settings to activate Windows.

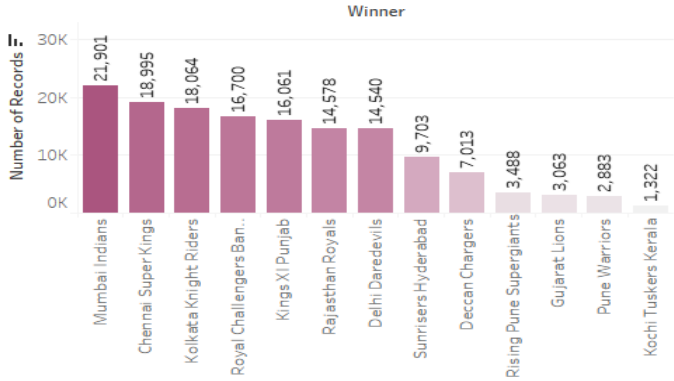
# Team Statistics

## Team Statistics

Team Losses(Season-wise team performance )



Team Wins (Season-wise team performance )



Win % (H vs A)

Home vs Away			
Year of Date	Away	Home	NA
2008	44.53%	14.91%	
2009			56.39%
2010	41.52%	55.19%	44.30%
2011	49.87%	82.33%	50.20%
2012	62.07%	42.48%	
2013	28.49%	86.71%	0.00%
2014	0.00%	40.64%	51.72%
2015	72.85%	25.30%	49.49%
2016	50.34%	54.12%	100.00%
2017	35.10%	17.60%	0.00%

Activate Windows  
Go to Settings to activate Windows.

# SUMMARY

- We designed the dashboards pertaining to the 3 categories - **Match statistics**, **Player statistics** and **Team statistics**.
- Each dashboard should contain the visualizations from the sub-category worksheets.
- Match statistics dashboard contain the Toss Outcome vs Match Outcome, Biggest Wins and Highest Totals worksheets
  1. Toss Vs Match Visualization indicates comparison between toss result and match result as well as shows counts when teams elected for bat or field.
  2. Biggest win by Wicket and by Runs are in two different worksheets. These worksheets indicates wins by teams from Runs(aggregate) and by wicket.
  3. Highest Totals shows highest total run by batting team across all session. We depicted this by creating a calculated column 'Match\_Inning' and taken top ten of 'Total Runs'.

# SUMMARY

- Player Statistics dashboard contain the Orange Cap contenders, Purple Cap contenders and Batsmen who have hit the most number of fours and sixes.
  1. Orange Cap contenders depict highest number of boundaries across all the player for season wise in filter condition.
  2. Purple Cap contenders depict highest number of wickets taken across all the player for season wise in filter condition.
  3. Batsmen who have hit the most number of fours and sixes is obtain by a heat map which shows which batsmen hits the most number of boundaries per season which can be selected from filters.



# SUMMARY

- Team Statistics dashboard contain the Season-wise team performance, Win percentage.
  1. Season-wise team performance is segregated in two worksheet names as 'Team Losses(Season-wise team performance )' and 'Team Wins team performance )'.
  2. We have created a calculated field which simply counts the appearance of lost team and winner team from data and from the filter condition select season for which we need the statistics. Later, displayed the result in the bar graph.
  3. The last sheet indicates the win percentage for each team selected from the filter in home ground or away from home ground.

**Thank You 😊 Happy Learning**