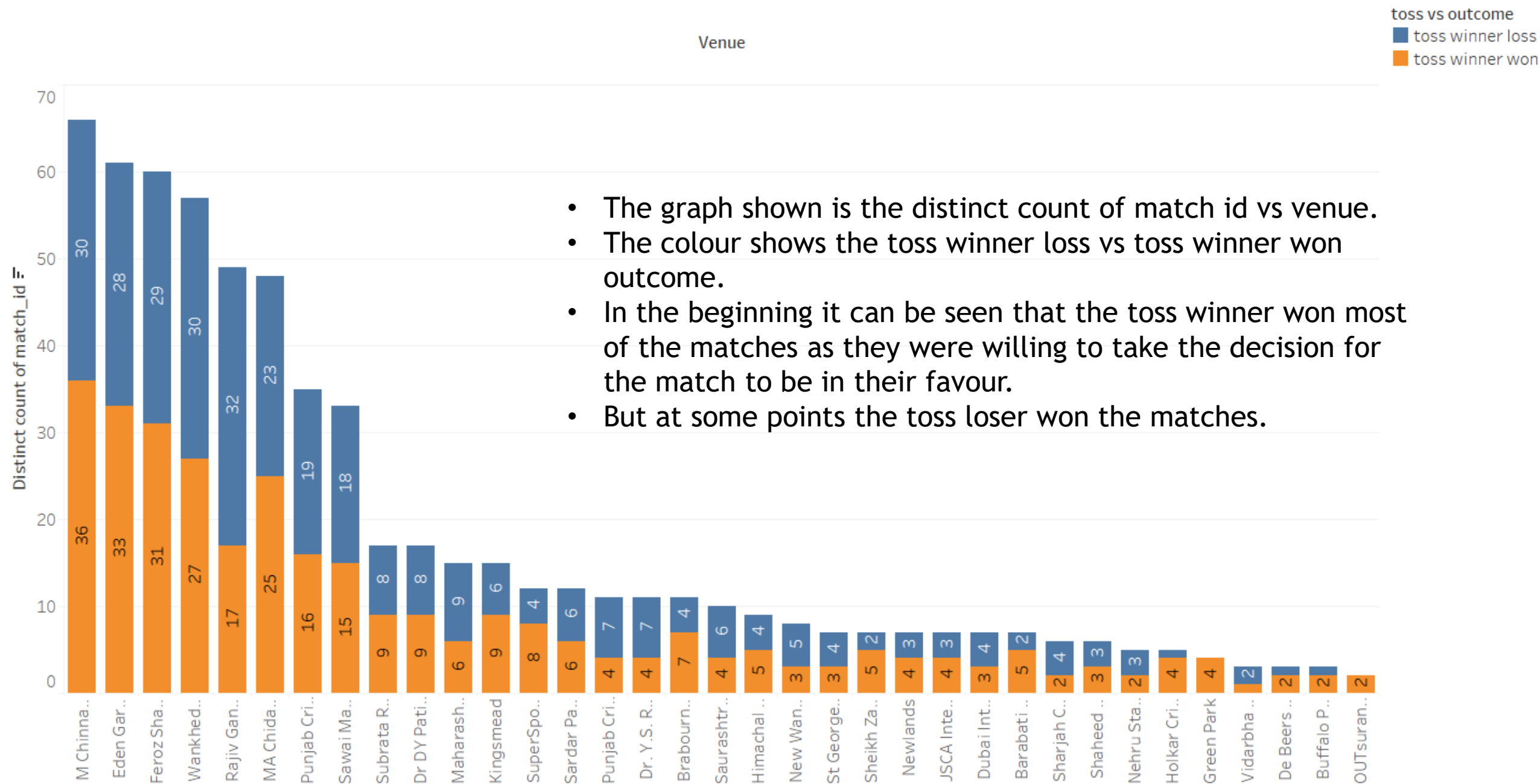


# **IPL Visualisation Assignment Using Tableau**

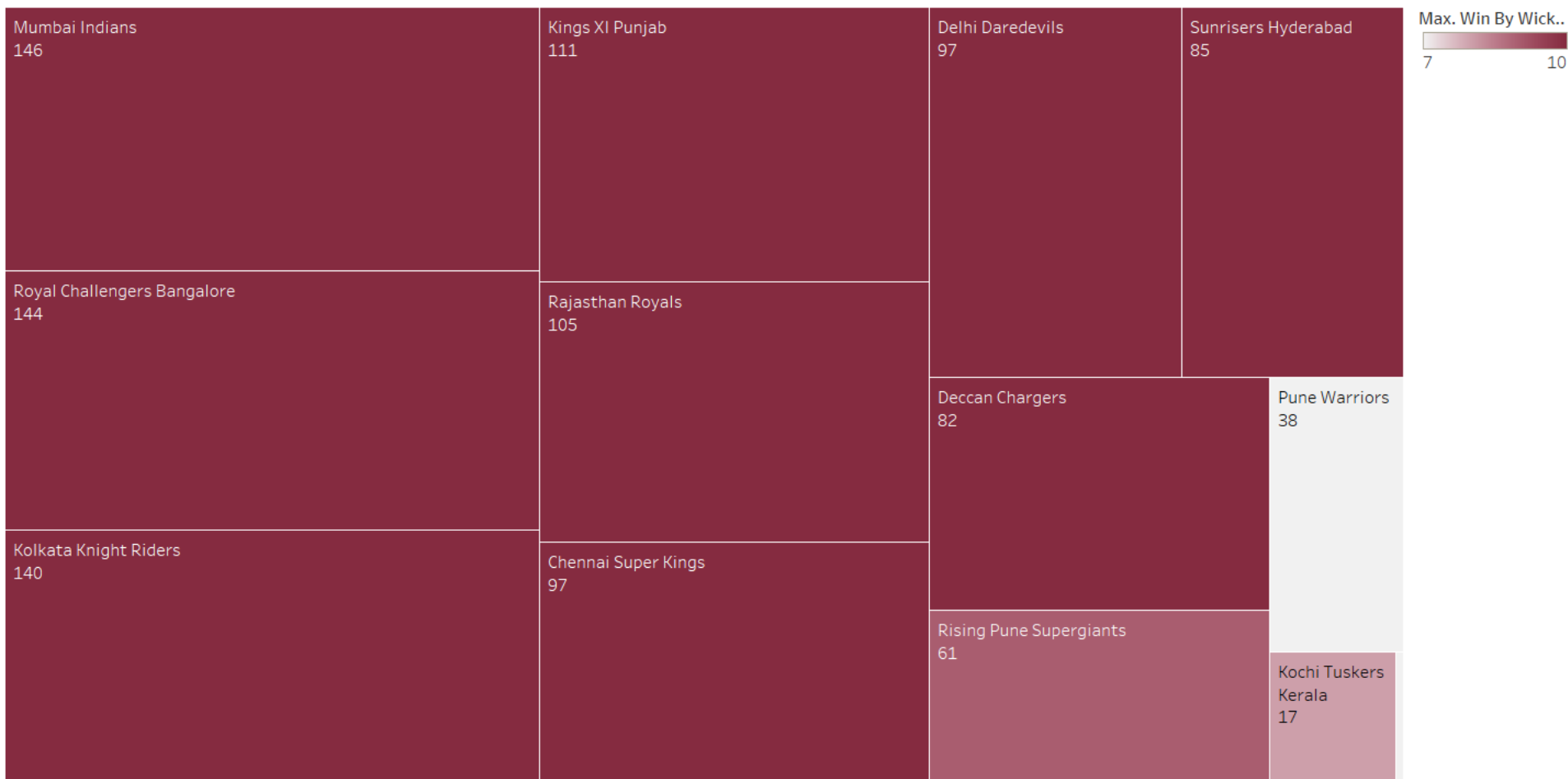
By- Vikram Mohanty

# Toss Outcome Vs Match Outcome



Distinct count of match\_id for each Venue. Color shows details about toss vs outcome. The marks are labeled by distinct count of match\_id.

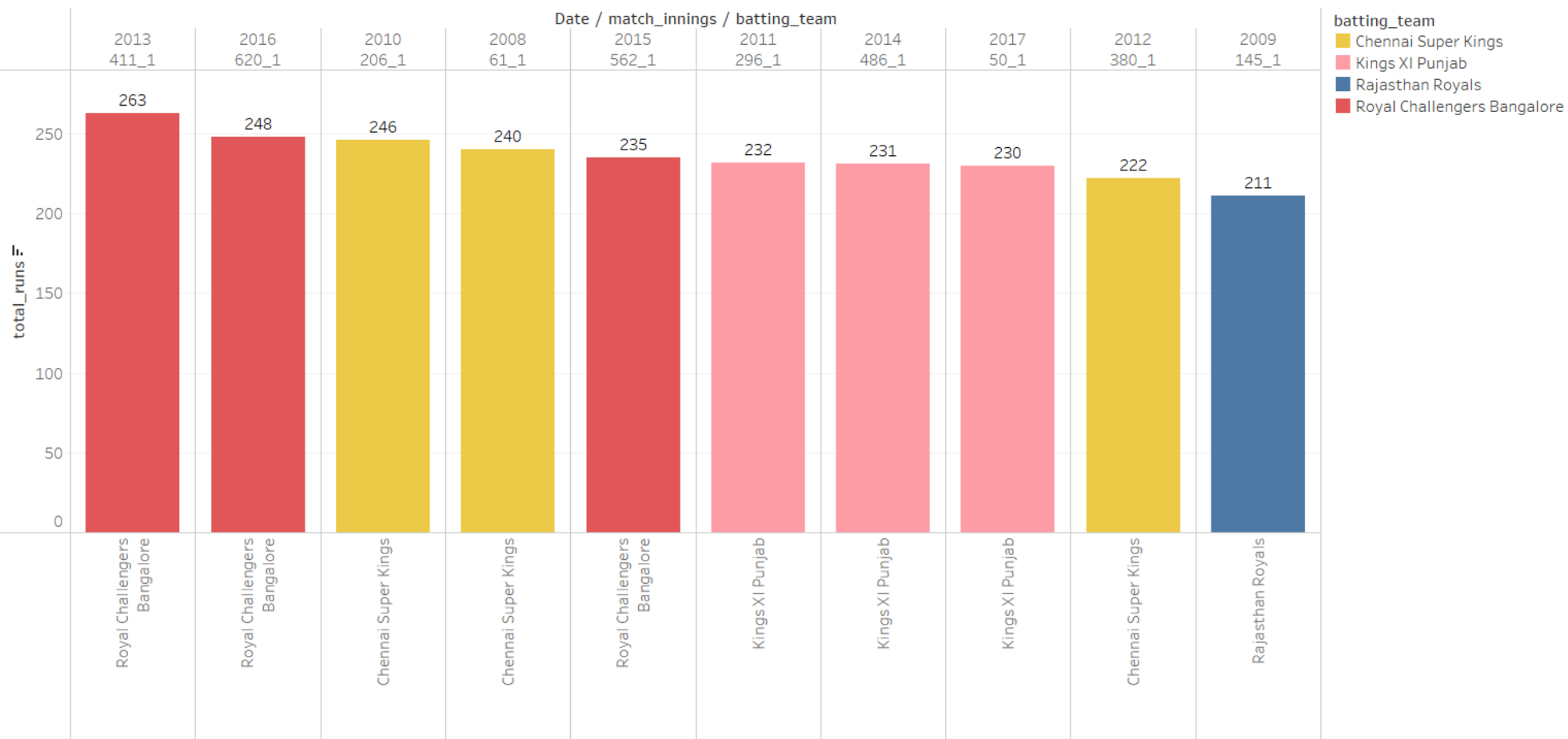
## Biggest wins (by runs and by wicket)



Winner and maximum of Win By Runs. Color shows maximum of Win By Wickets. Size shows maximum of Win By Runs. The marks are labeled by Winner and maximum of Win By Runs.

- This graph is for the biggest wins by runs and wickets.
- The labels shoes the wins by maximum runs.
- The colour shows the wins by maximum wickets which has a range from (7-10 wickets)

## Highest Total (Across all season)



Sum of total\_runs for each batting\_team broken down by Date Year and match\_innings. Color shows details about batting\_team. The marks are labeled by sum of total\_runs. Details are shown for Winner. The view is filtered on Date Year and match\_innings. The Date Year filter keeps 10 of 10 members. The match\_innings filter keeps 10 of 1,284 members.

- The graph is about the total runs for each batting team broken down by date, year and match innings.
- Colour shows the details about the batting team.
- The marks are labelled as sum of total runs and details are shown for winners.

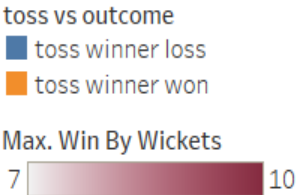
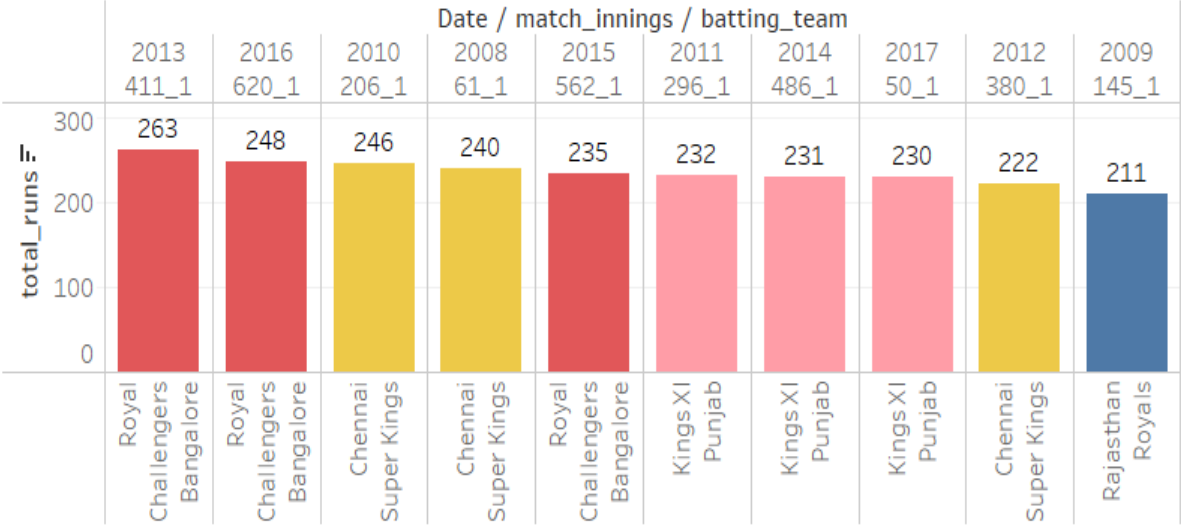
# Dashboard- 1

## Biggest wins (by runs and by wicket)

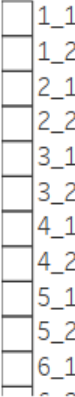


## 1. Match Statistics

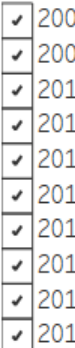
### Highest Total (Across all season)



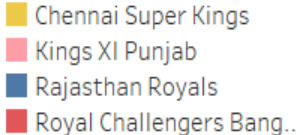
#### match\_innings



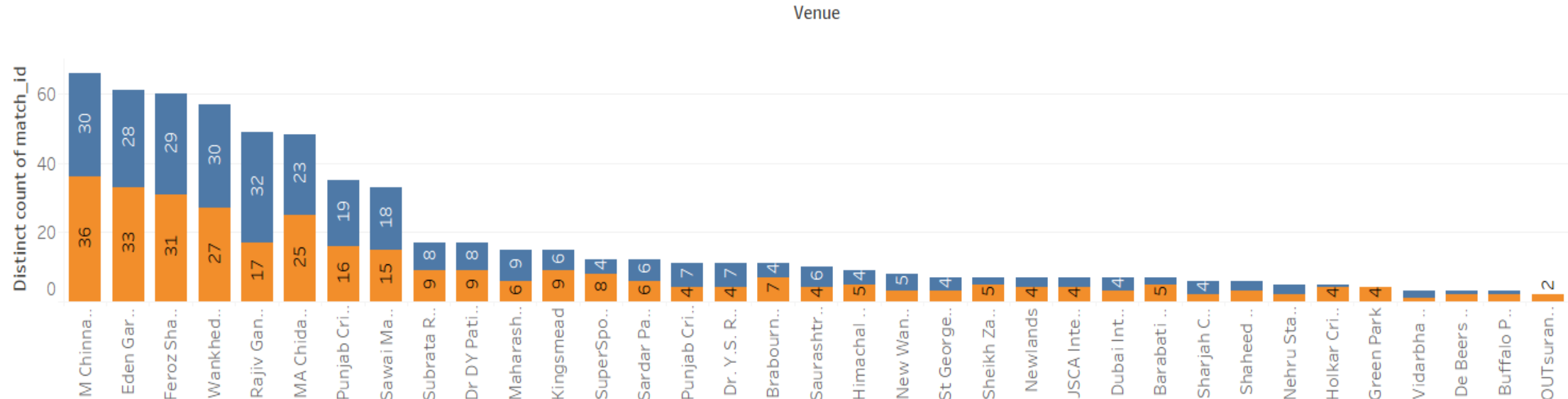
#### Year of Date



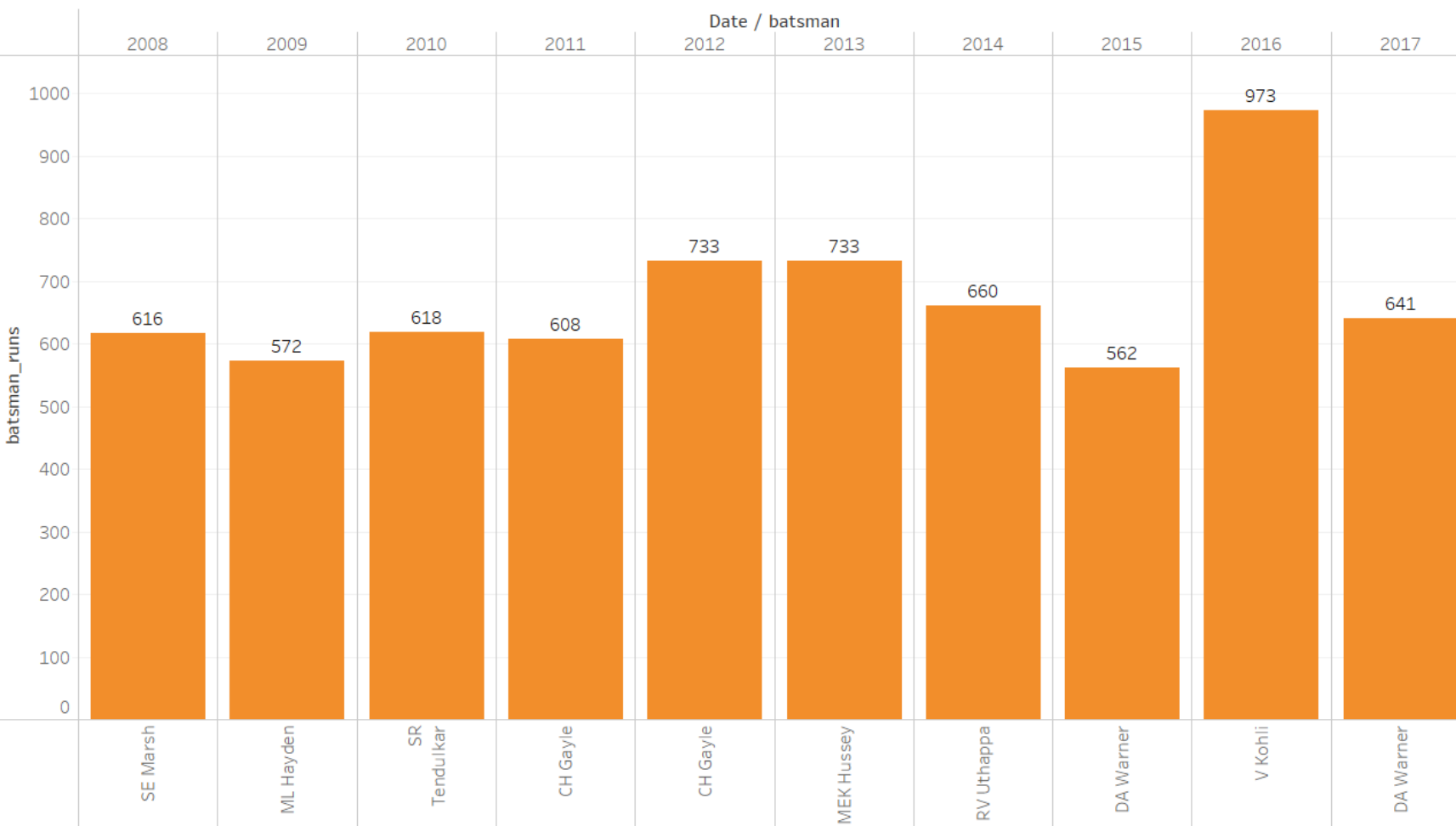
#### batting\_team



## Toss Outcome Vs Match Outcome



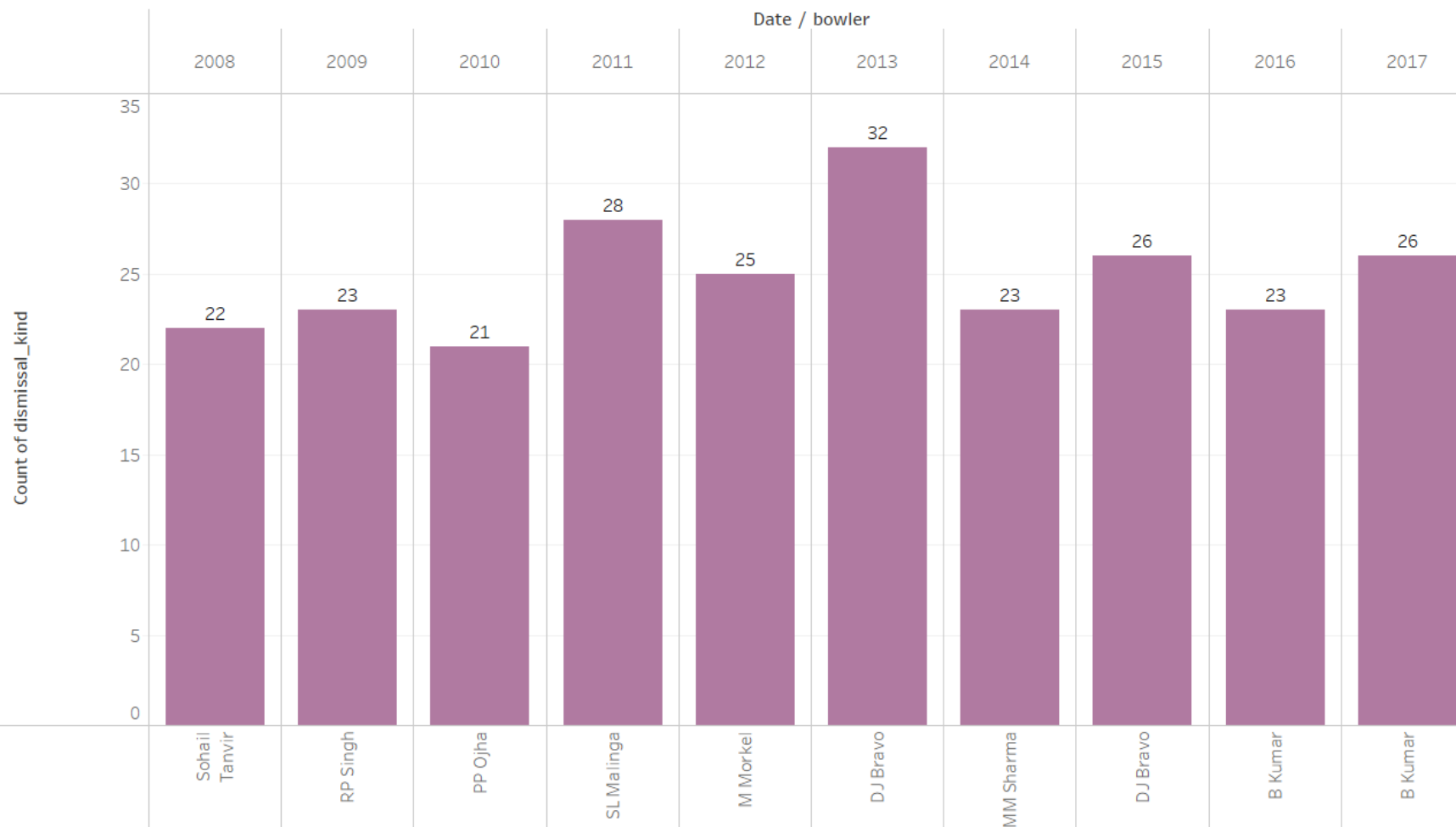
## Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)



Sum of batsman\_runs for each batsman broken down by Date Year. The marks are labeled by sum of batsman\_runs. Details are shown for batsman. The view is filtered on Date Year, batsman and Exclusions (batsman, YEAR(Date)). The Date Year filter keeps 10 of 10 members. The batsman filter keeps 8 of 461 members. The Exclusions (batsman, YEAR(Date)) filter keeps 1,478 members.

- The sum of batsman runs for each batsman broken down by date year.
- The marks are labelled by sum of batsman runs and details are shown for batsman.
- The batsman filter keeps 8- 461 members.

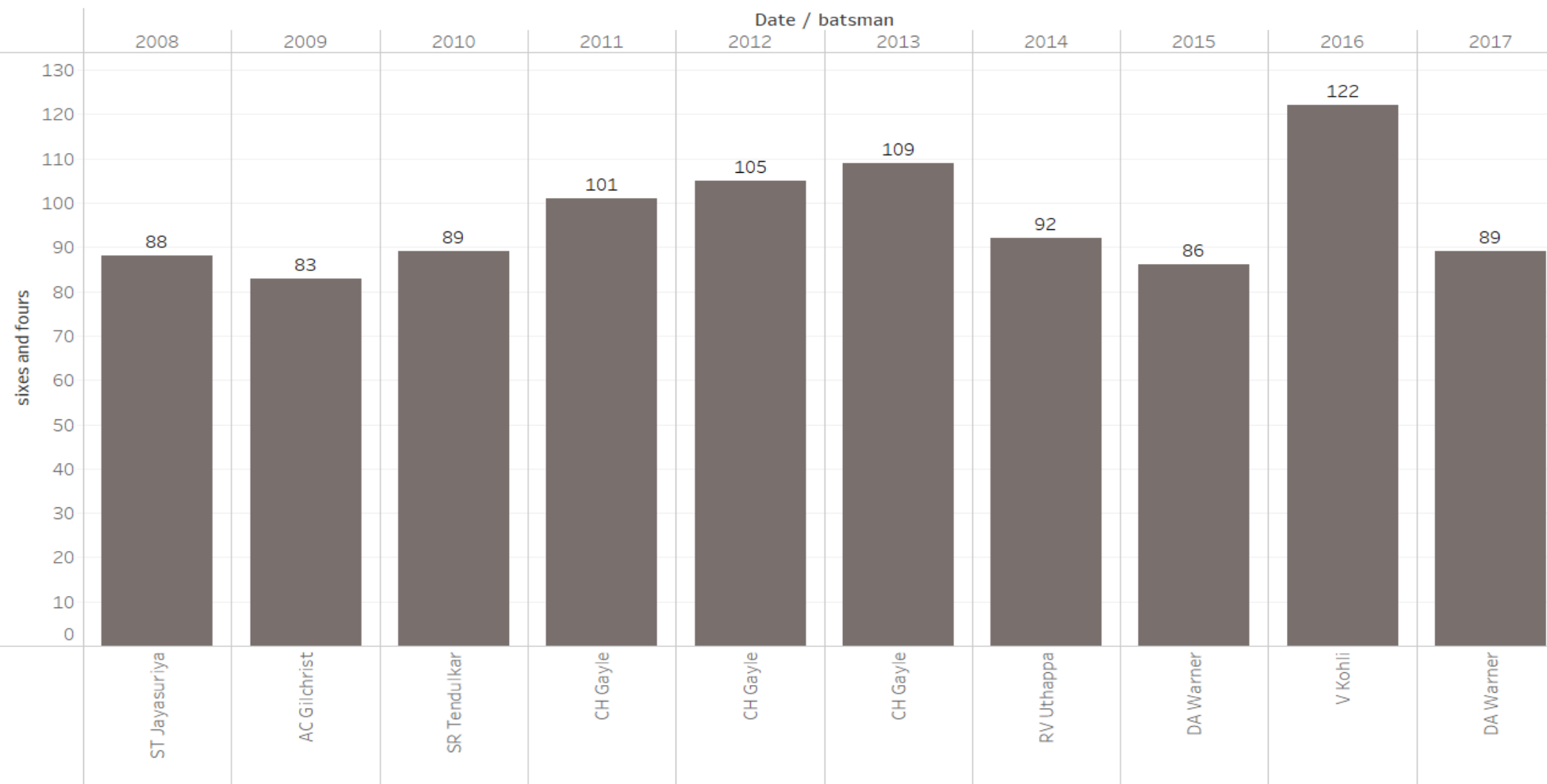
## Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)



Count of dismissal\_kind for each bowler broken down by Date Year. The marks are labeled by count of dismissal\_kind. The data is filtered on dismissal\_kind, which excludes Null, obstructing the field, retired hurt and run out. The view is filtered on Date Year, bowler and Exclusions (bowler, YEAR(Date)). The Date Year filter keeps 10 of 10 members. The bowler filter keeps 8 of 356 members. The Exclusions (bowler, YEAR(Date)) filter keeps 1,103 members.

- Count of dismissal kind for each bowler broken down by date year.
- The marks are labelled by count of dismissal kind and is filter with dismissal kind which excludes null, obstructing the field, retired hurt, run out.
- The view is filtered on date year.

## Batsmen who have hit the most number of fours and sixes (per season and overall)

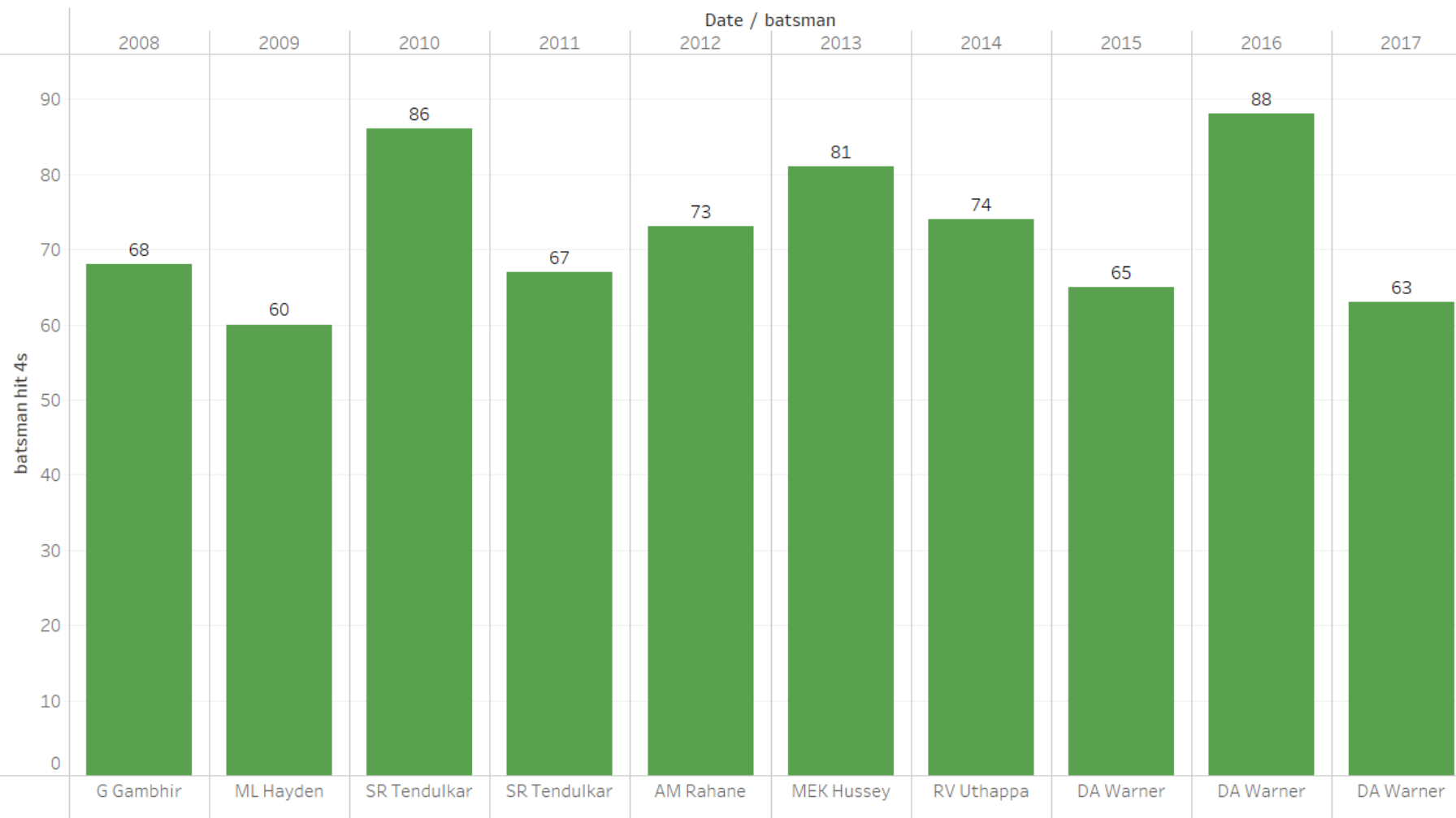


Sum of sixes and fours for each batsman broken down by Date Year. The marks are labeled by sum of sixes and fours. The view is filtered on Date Year, batsman and Exclusions (batsman, YEAR(Date)). The Date Year filter keeps 10 of 10 members. The batsman filter keeps 7 of 461 members. The Exclusions (batsman, YEAR(Date)) filter keeps 1,488 members.

- Sum of sixes and fours for each batsman broken down by date year.
- The marks are labelled as sum of sixes and fours.
- The view is filtered on date year.



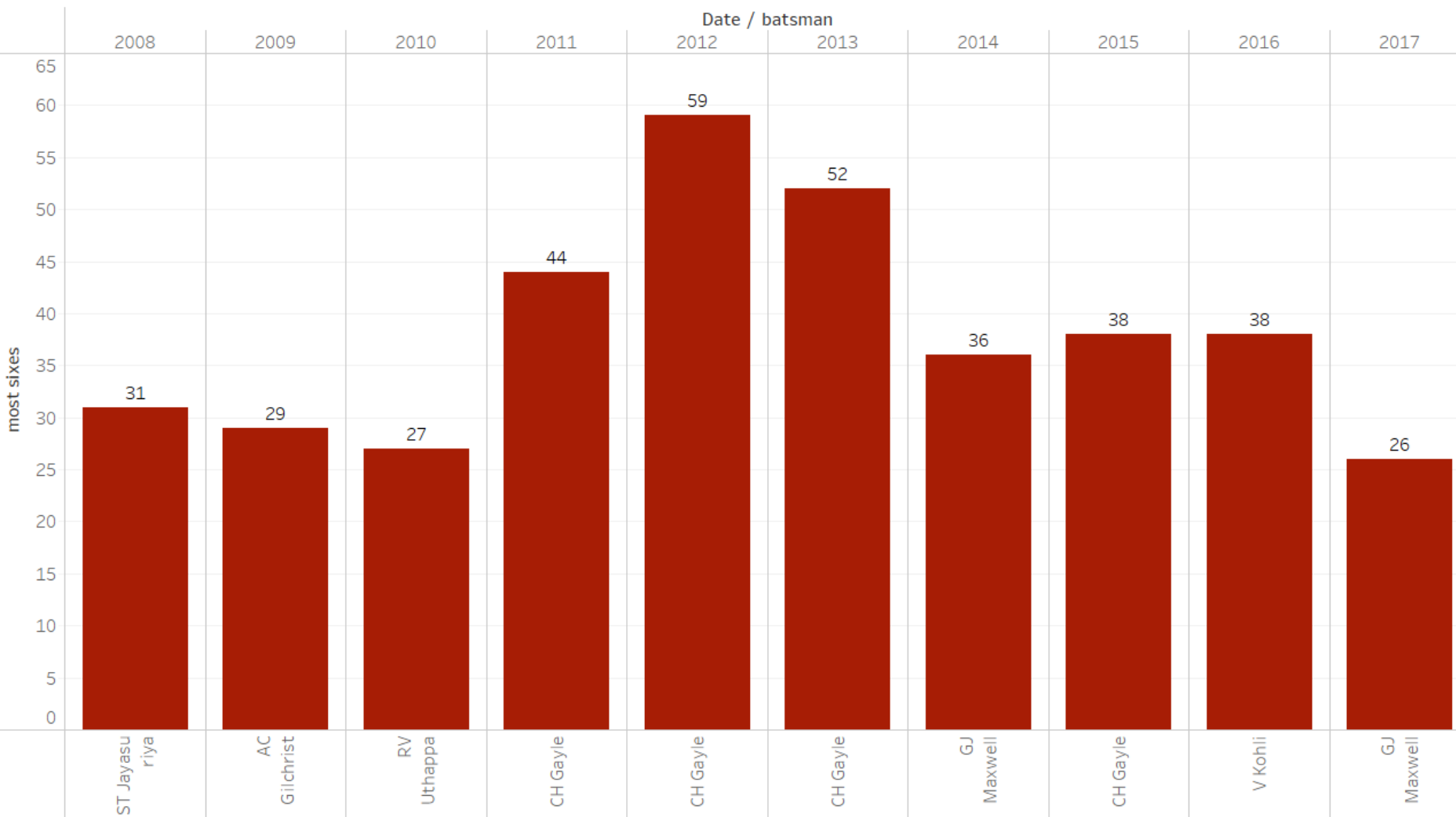
## Batsmen who have hit the most number of fours



Sum of batsman hit 4s for each batsman broken down by Date Year. The marks are labeled by sum of batsman hit 4s. The view is filtered on Date Year, batsman and Exclusions (batsman, YEAR(Date)). The Date Year filter keeps 10 of 10 members. The batsman filter keeps 7 of 461 members. The Exclusions (batsman, YEAR(Date)) filter keeps 1,487 members.

- Sum of batsman hit 4s for each batsman broken down by date year.
- The marks are labelled by the batsman hit 4s.

## Batsmen who have hit the most number of sixes



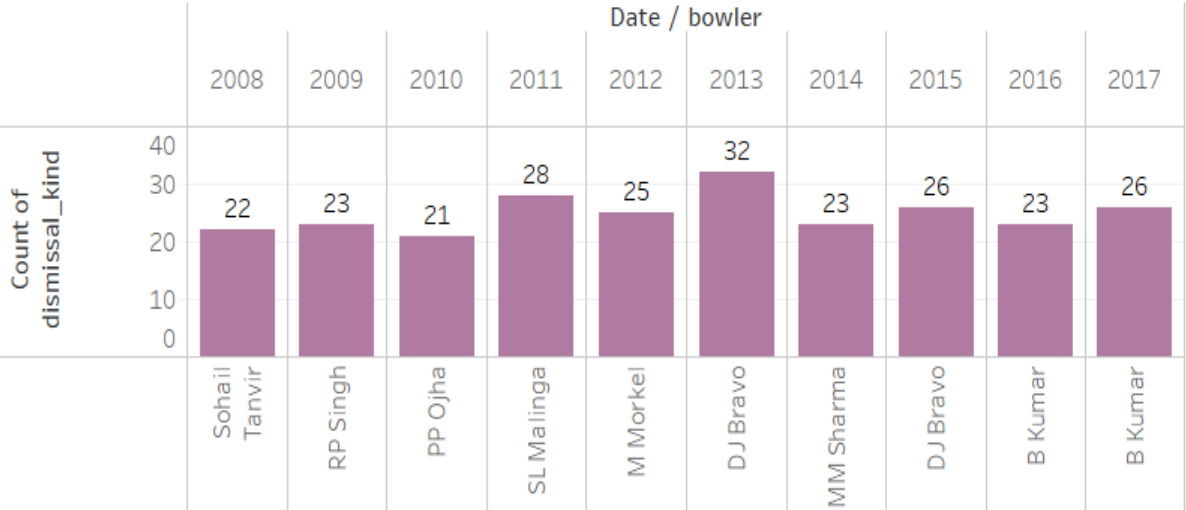
Sum of most sixes for each batsman broken down by Date Year. The marks are labeled by sum of most sixes. The view is filtered on Date Year, batsman and Exclusions (batsman, YEAR(Date)). The Date Year filter keeps 10 of 10 members. The batsman filter keeps 6 of 461 members. The Exclusions (batsman, YEAR(Date)) filter keeps 1,497 members.

- Sum of most sixes for each batsman broken down by date year.
- The marks are labelled by sum of most sixes.

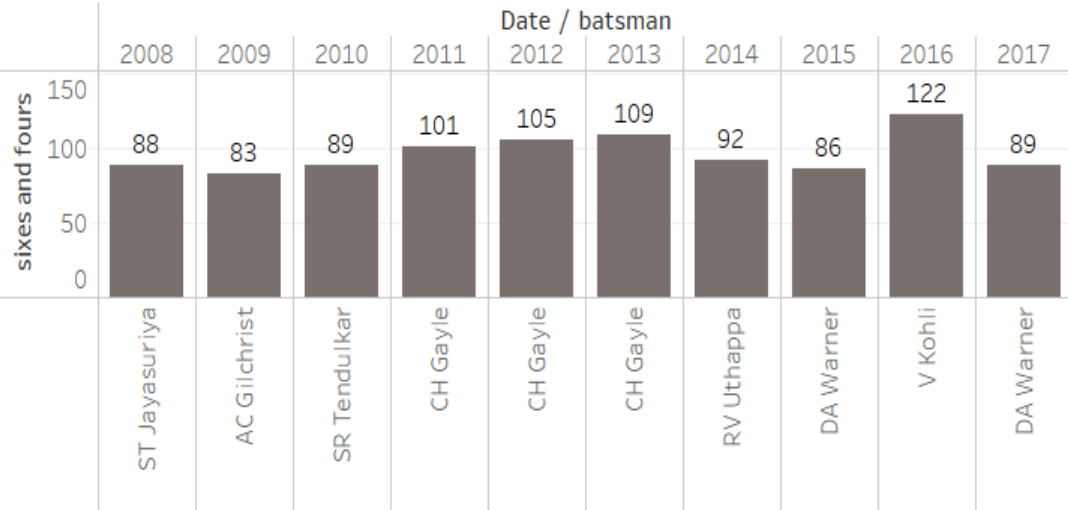
## Dashboard- 2

## 2. Player Statistics

**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)**



batsman  
☐ A Ashish Reddy  
☐ A Chandila

Year of Date  
☒ 2008  
☒ 2009

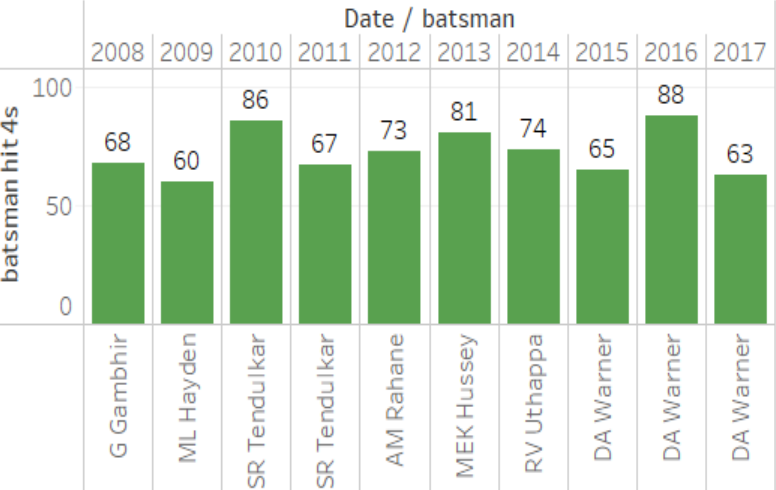
bowler  
☐ A Ashish Reddy  
☐ A Chandila

Year of Date  
☒ 2008  
☒ 2009

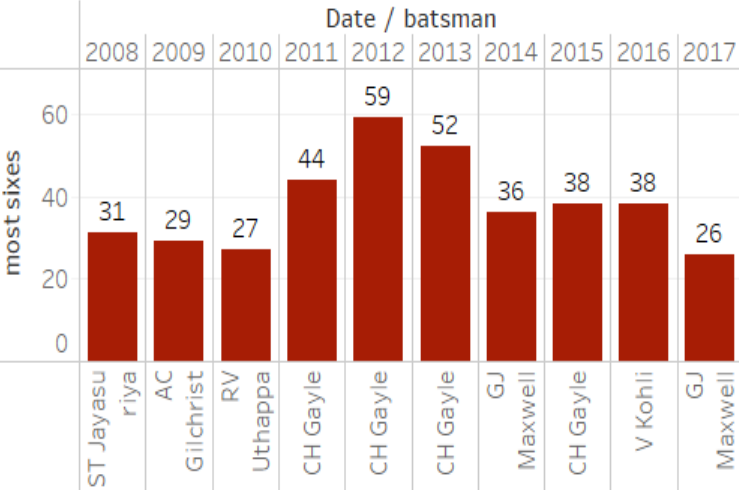
dismissal\_kind  
☐ Null  
☒ bowled

batsman  
☐ A Ashish Reddy  
☐ A Chandila

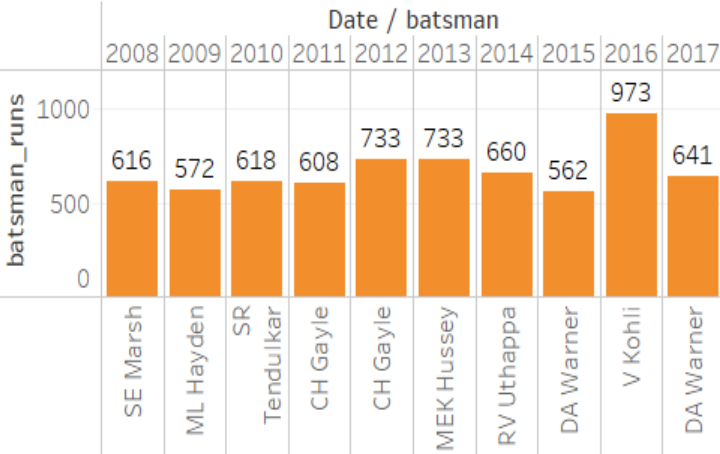
**Batsmen who have hit the most number of fours**



**Batsmen who have hit the most number of sixes**



**Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)**



Year of Date  
☒ 2008  
☒ 2009

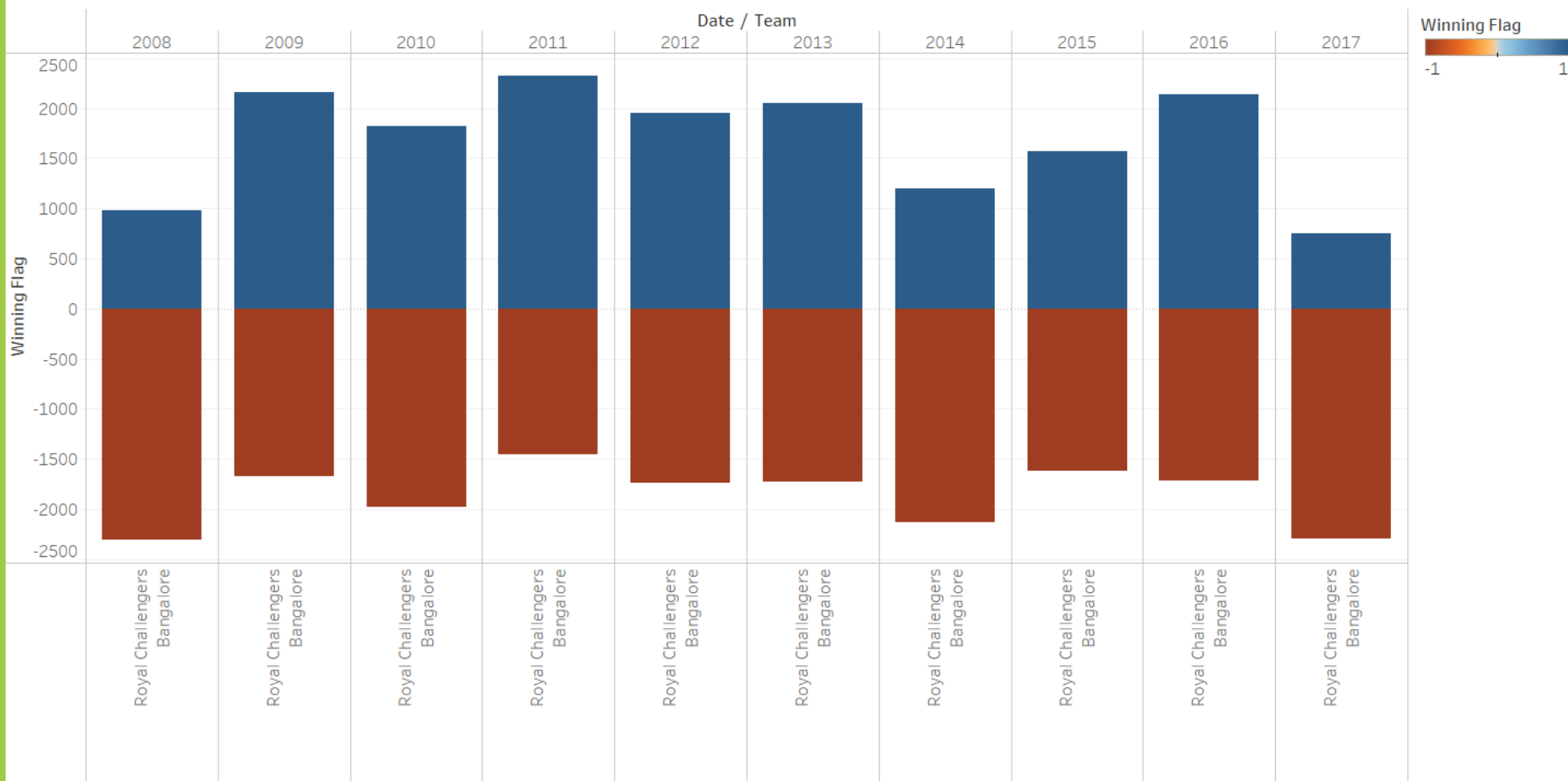
batsman  
☐ A Ashish Reddy  
☐ A Chandila

Year of Date  
☒ 2008  
☒ 2009

batsman  
☐ A Ashish Reddy  
☐ A Chandila

Year of Date  
☒ 2008  
☒ 2009

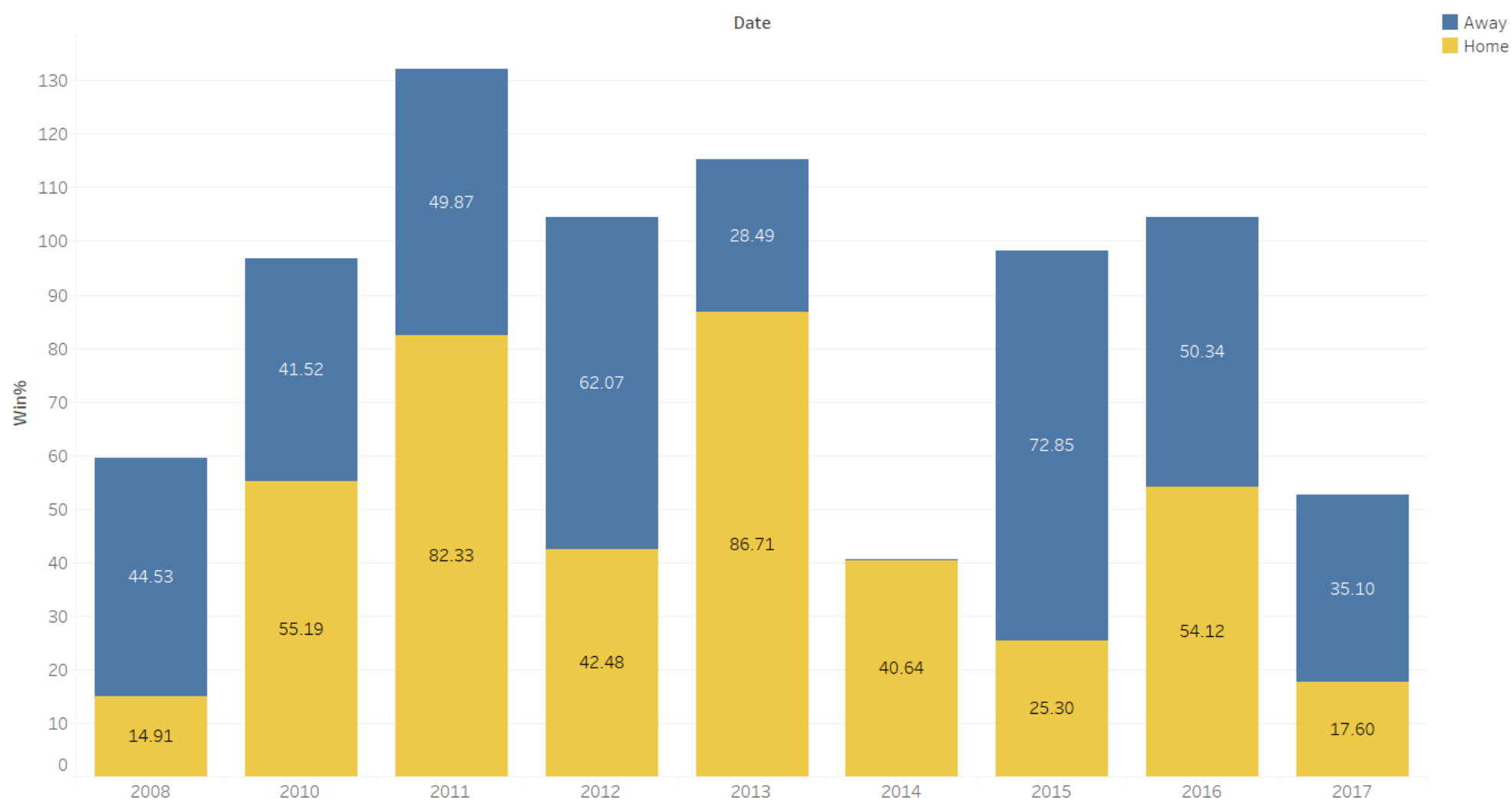
## Season-wise team performance (wins vs losses)



Sum of Winning Flag for each Team (Parameters) broken down by Date Year. Color shows details about Winning Flag. Details are shown for Match\_id. The data is filtered on season, which excludes Null. The view is filtered on Winning Flag and Date Year. The Winning Flag filter ranges from -1 to 1. The Date Year filter keeps 10 of 10 members.

- The sum of winning flag for each team(parameters broken down by date year).
- Colour shows details about winning flag.
- Details are shown for match id.
- The winning flag filters ranges from -1 to 1.
- The data is filtered on season which excludes null.

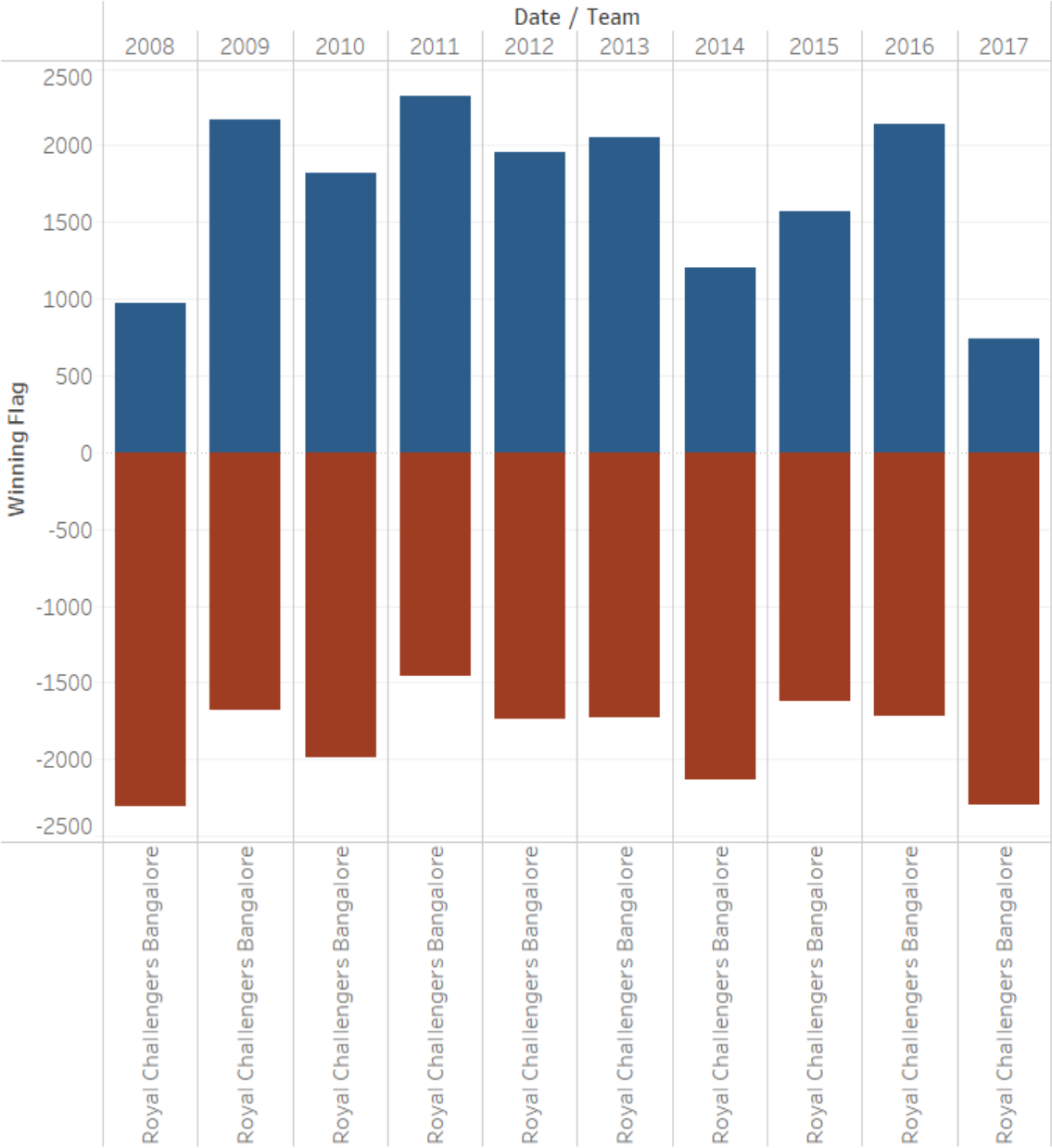
# Win % (Home Vs Away)



Win% for each Date Year. Color shows details about Home Vs Away. The marks are labeled by Win%. The view is filtered on Home Vs Away, which keeps Away and Home.

- Win% for each date year.
- Colour shows details about Home Vs Away.
- The marks are labelled by win%.
- The view is filtered on home vs away which keeps away and home

Season-wise team performance (wins vs losses)



Win % (Home Vs Away)

