

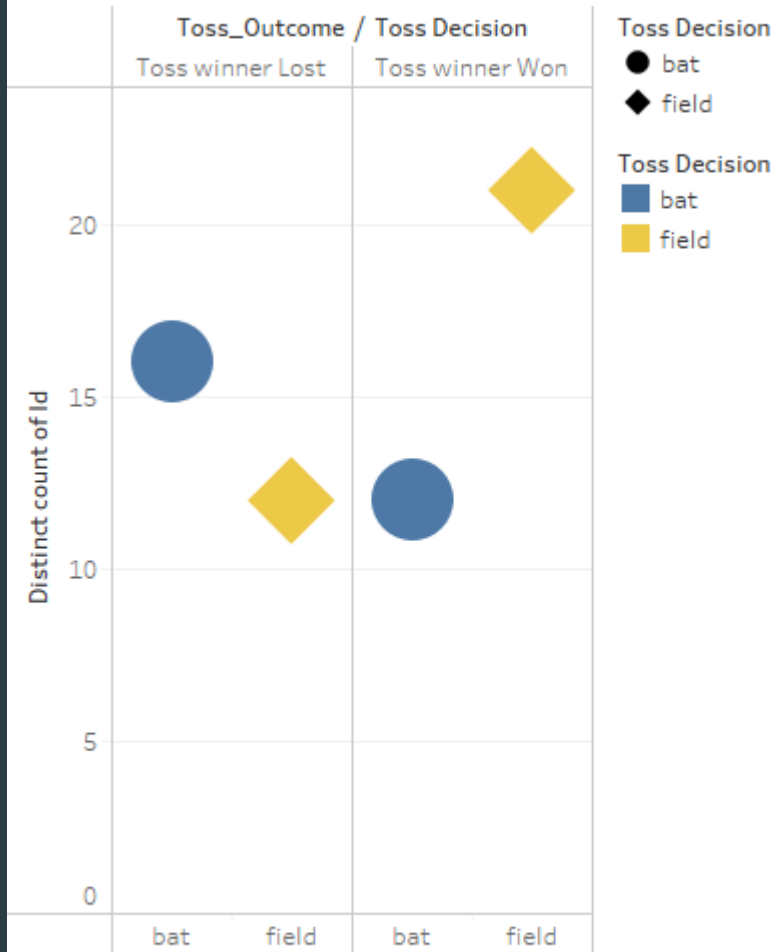
# IPL Visualisation Assignment

By :-Sachin Prajapati

**This assignment consisting of the three dashboards :**

- 1. Match Statistics**
- 2. Player Statistics**
- 3. Team Statistics**

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

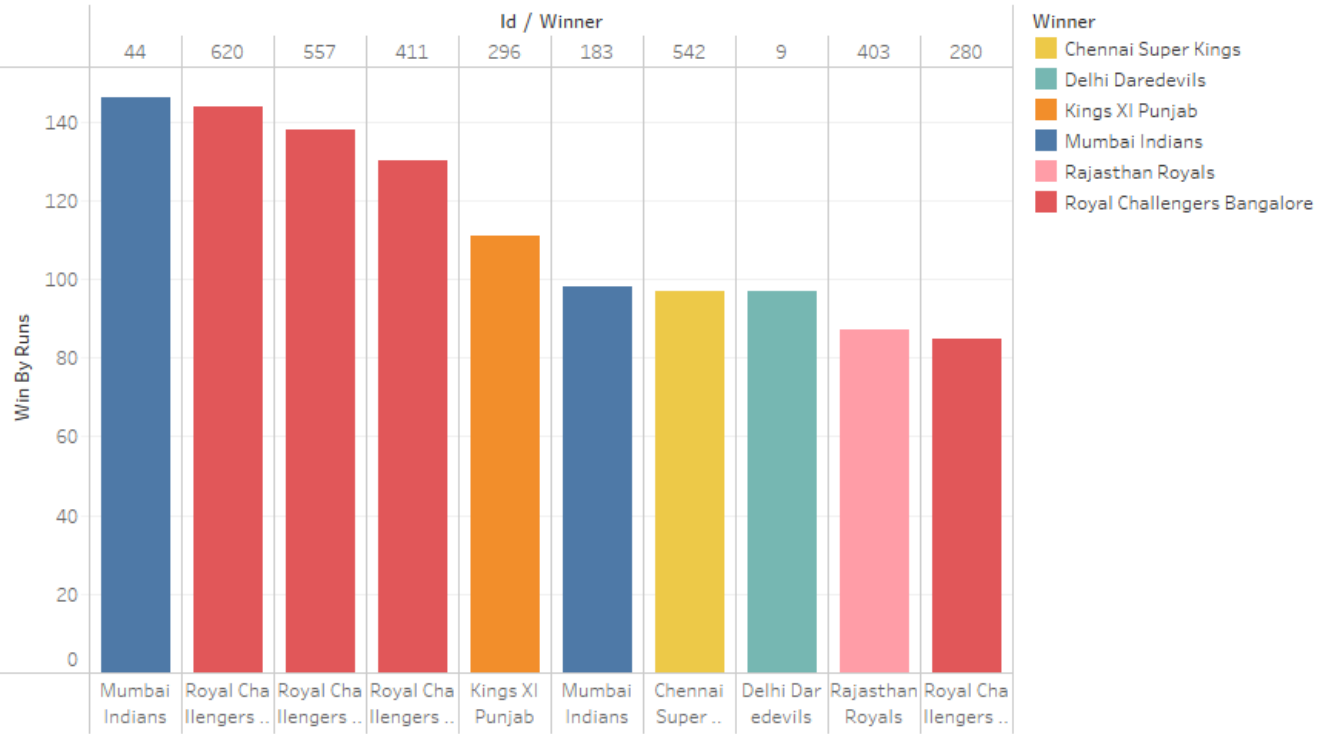


### Toss outcome vs match outcome

The above visualization is of filled type shape chart for the toss outcome vs match outcome :

- based on the each venue the following chart will display the its toss outcome & the match outcome for the matches played at that venue .
- for e.g. above chart is showing result for the eden gardens.

Biggest win by runs

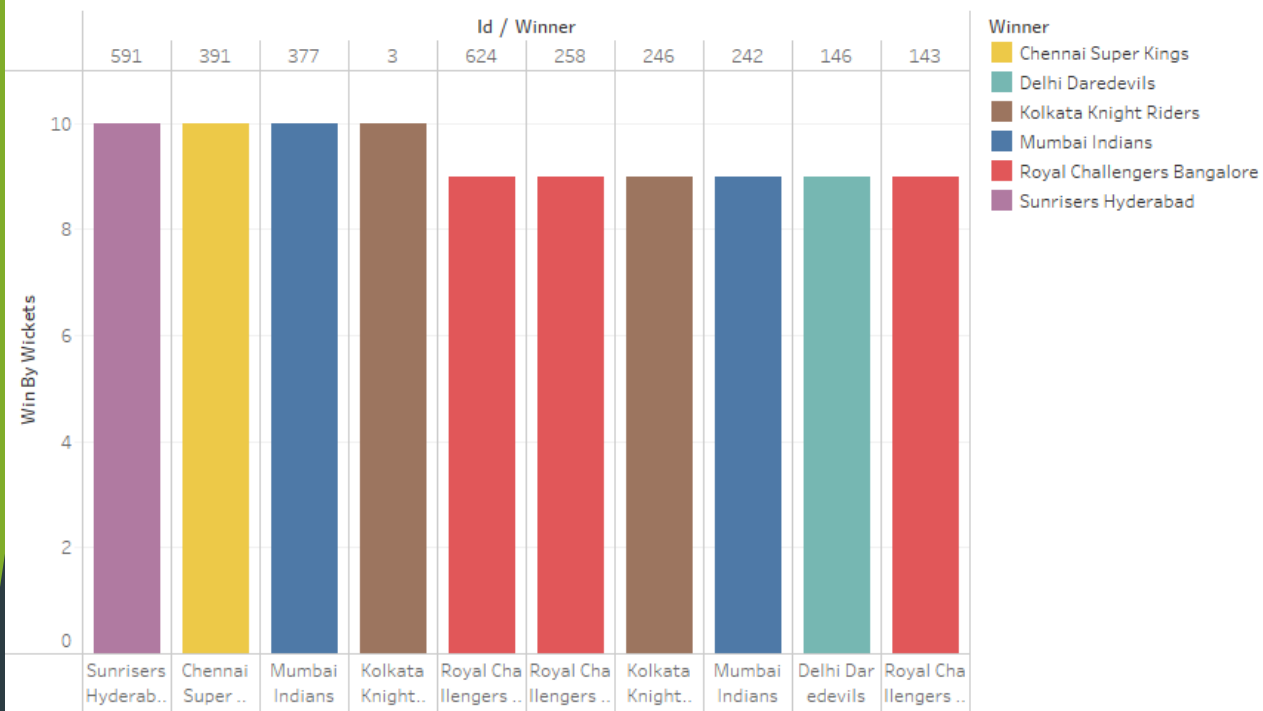


Win By Runs as an attribute for each Winner broken down by Id. Color shows details about Winner. The view is filtered on Id, which keeps 10 of 2,596 members.

## Biggest win by runs

The above visualization is bar chart for the biggest wins by runs for particular team  
-the above chart displays the top 10 wins by highest runs which the Mumbai Indians has won the match by highest margin of 146 runs

Biggest wins by wickets



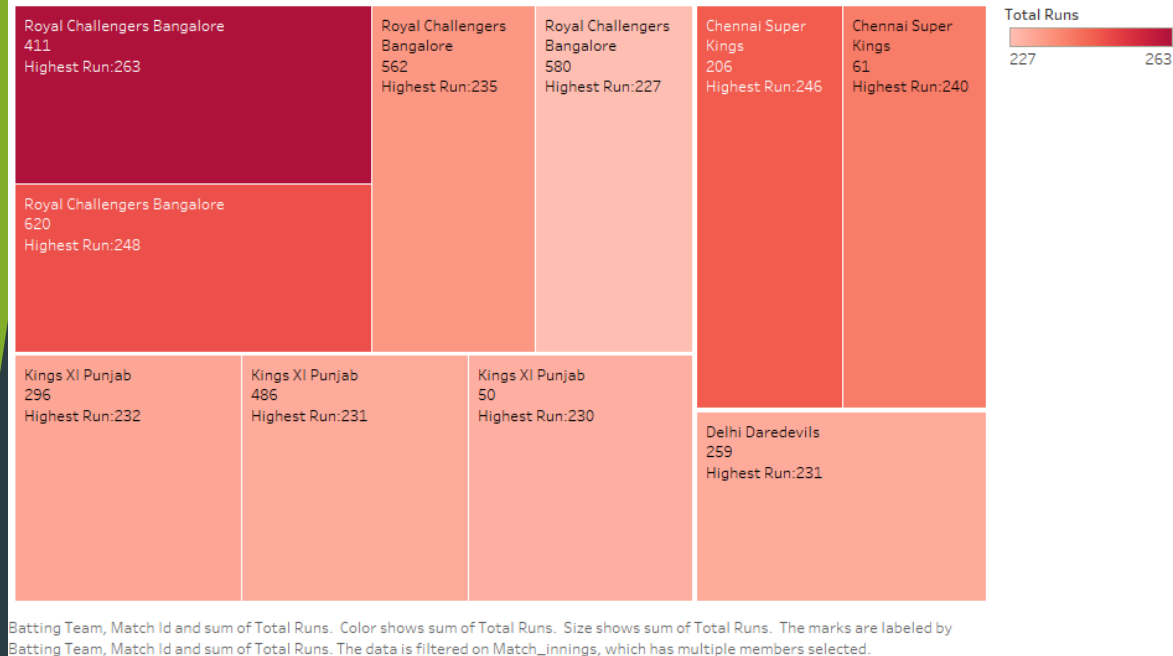
## Biggest win by wickets

The above visualization is bar chart for the biggest wins by wickets for particular team

-the above chart displays the top 10 wins by most wickets

in which there are four teams who wins the match by 10 wickets

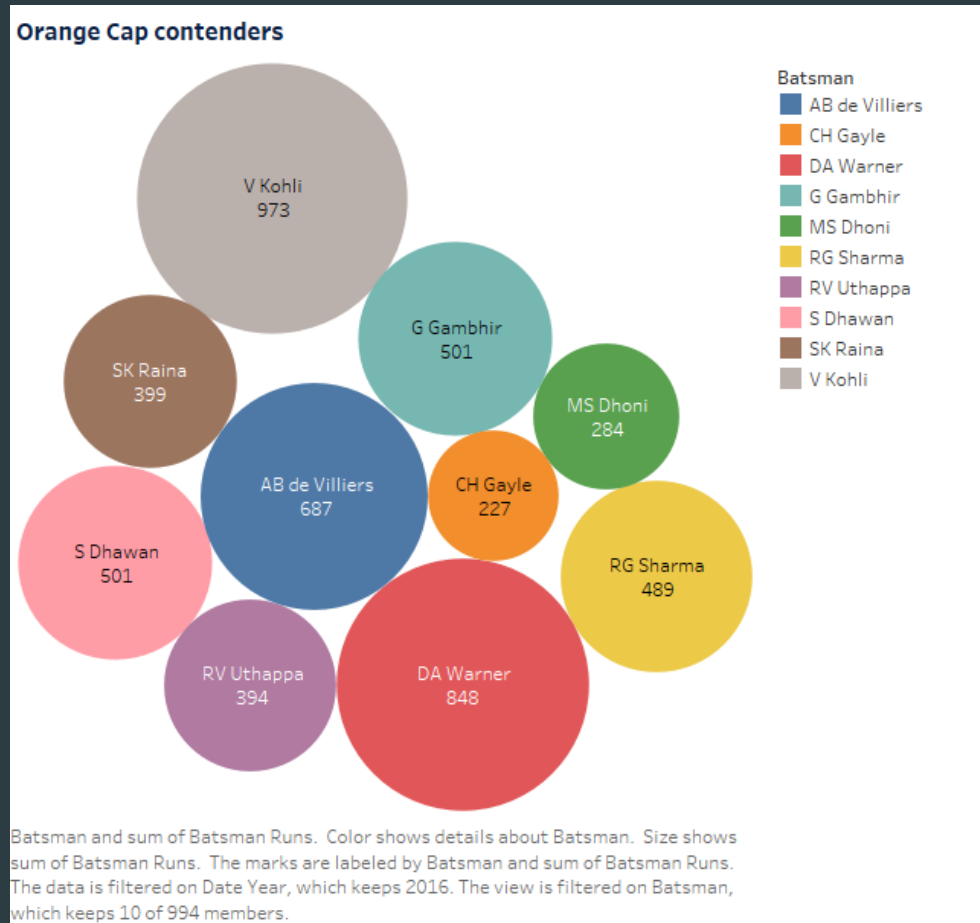
### Highest total across all the season



### Highest total across all the season

#### The above visualization tree map for the highest total across all the season

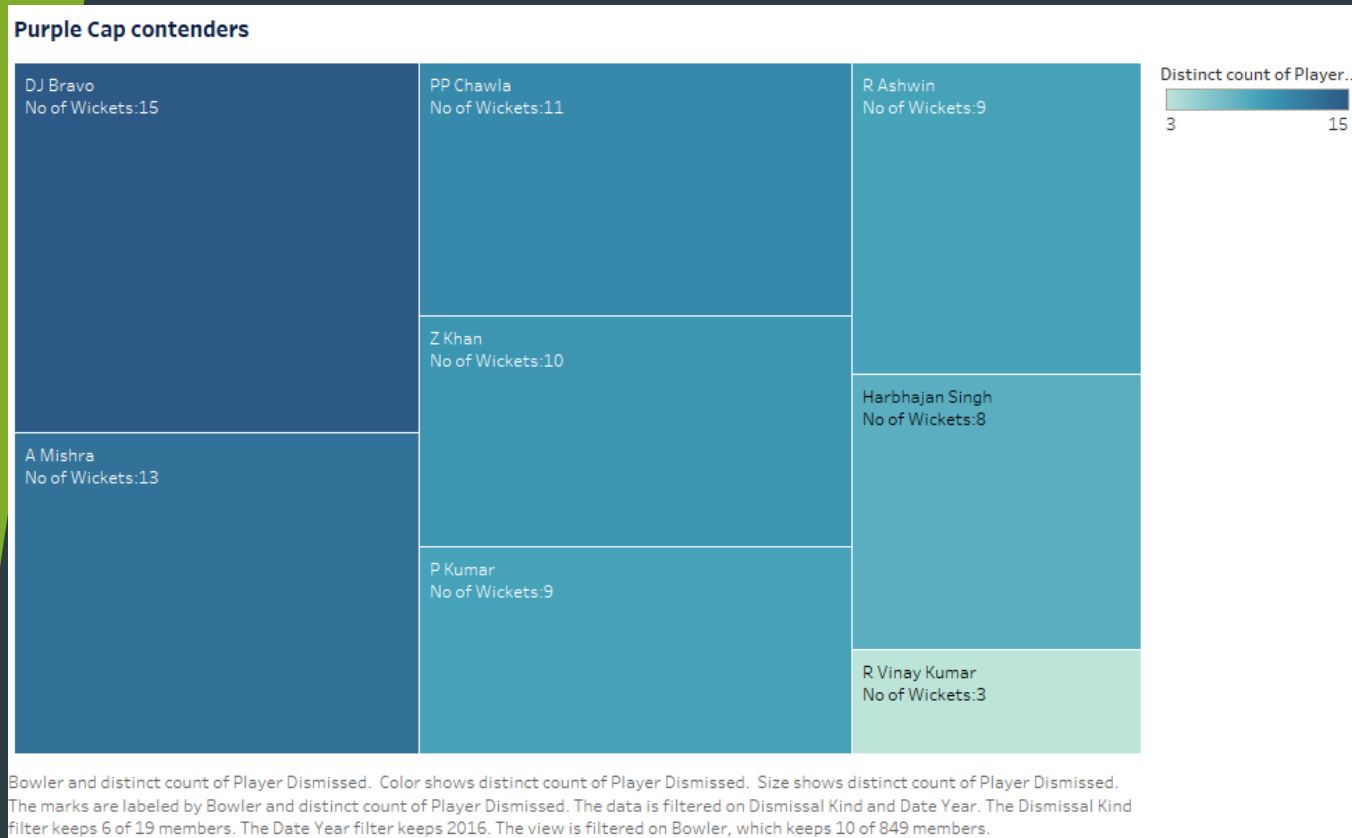
- the above chart displays the top 10 highest score
- based on the above tree map we can see that RCB is scoring very big score as their highest total is 263 which was scored on 23/04/2013.
- Panjab also scored big totals multiple times
- from this we can conclude that this teams have very attacking batter who scores runs at very rapid pace.



## Orange cap contenders

The above visualization is packed bubble chart for orange cap contenders for each season

- the above chart is filter by years so each years orange cap contenders we can see by this chart which is the most runs in a particular season.
- the above chart is filtered on year 2016 in which the virat kohli is scored the highest runs which is 973.
- david warner also scored large amount of runs.

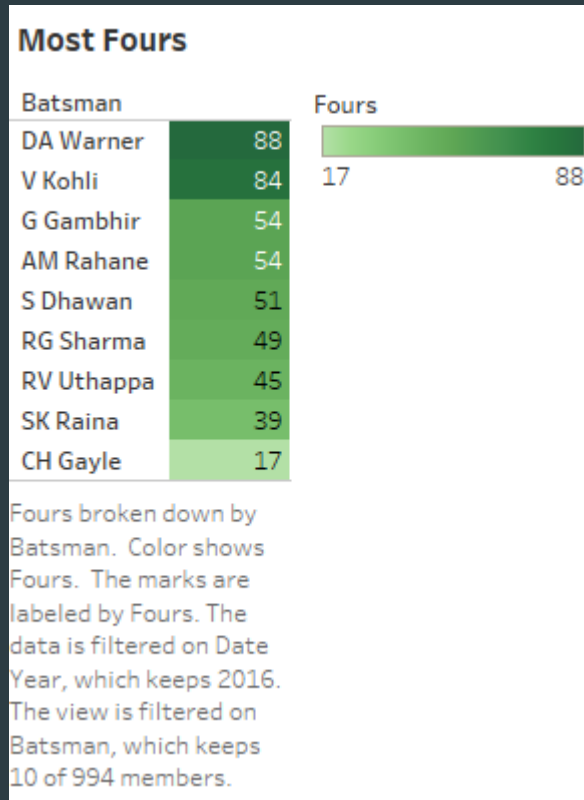


## Purple cap contenders

The above visualization is tree map for purple cap contenders for each season

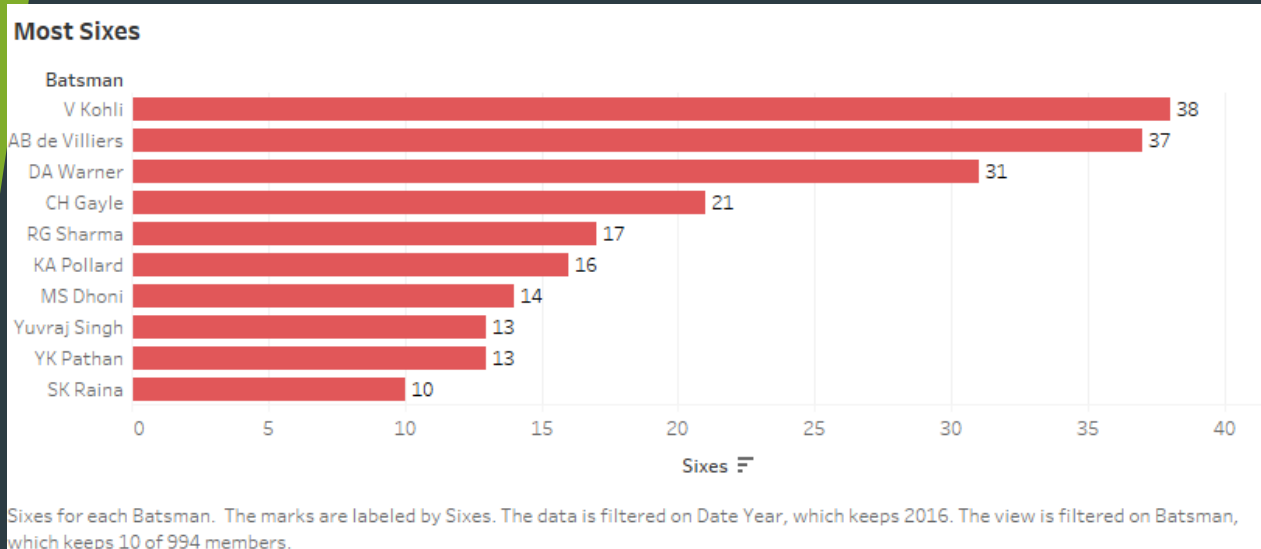
- the above chart is filter by years so each years purple cap contenders we can see by this chart which is the most wickets in a particular season.
- the above chart is filtered on year 2016 in which the DJ Brovo has taken most wicket which is 15.
- the second most wicket is taken by the Amit Mishra





## Most Fours

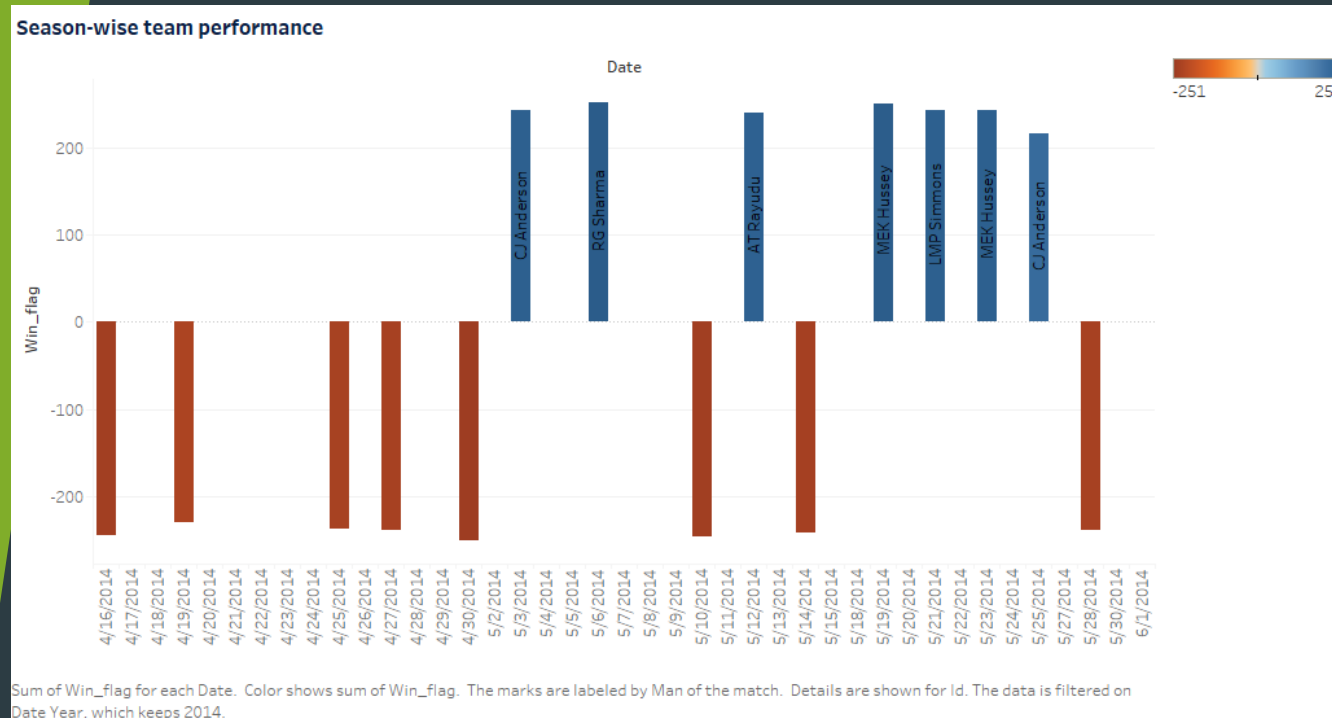
- The above visualization is highlight table for most number of fours in a particular season
- the above chart is filter by years so the batter who has scored most boundries we can see by this chart.
  - the above chart is filtered on year 2016 in which the David Warner is scored most fours which is 88.
  - while virat kohli is at 2<sup>nd</sup> number by scoring 84 boundries.



## Most Sixes

The above visualization is horizontal bar chart for most number of sixes in a particular season

- the above chart is filter by years so the batter who has scored most sixes we can see by this chart.
- the above chart is filtered on year 2016 in which the Virat Kohli is smashes most sixes which is 38.
- while A B De villiers is at 2<sup>nd</sup> number by smashing 37 sixes.

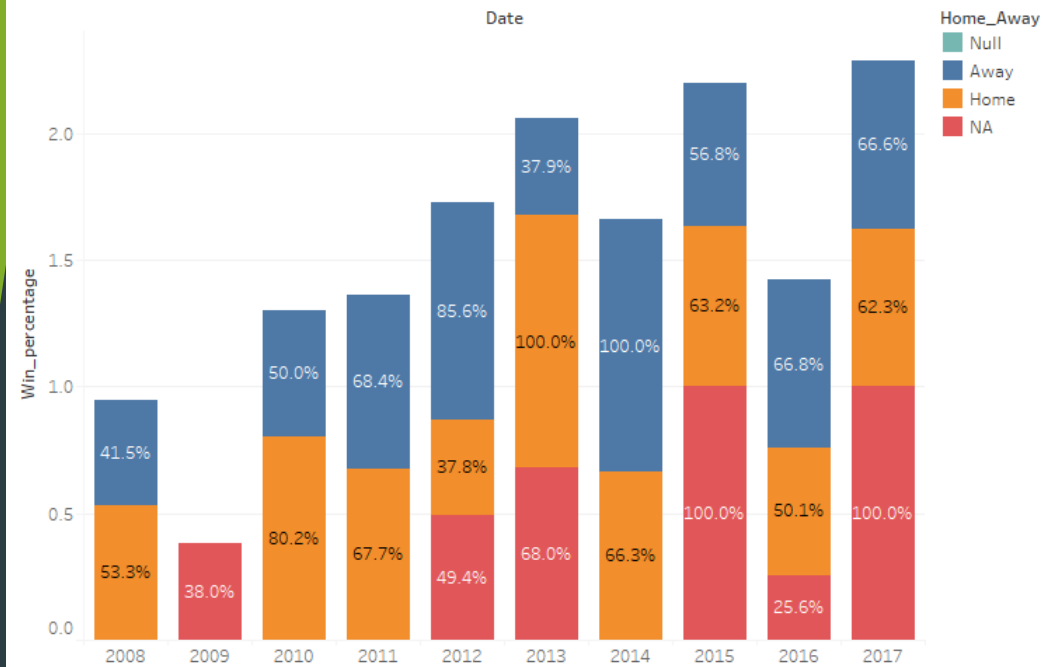


## Season wise team performance

The above visualization is bar chart for season wise performance of a team

- the above chart is filter by years so each teams performance we can see through bar chart.
- the chart is uses calculated field win\_flag which helps to team is winning or lossing.
- the winner teams man of the match is also displays on the bar when the team is won.

Win % of Home Vs Away of Team Mumbai Indians



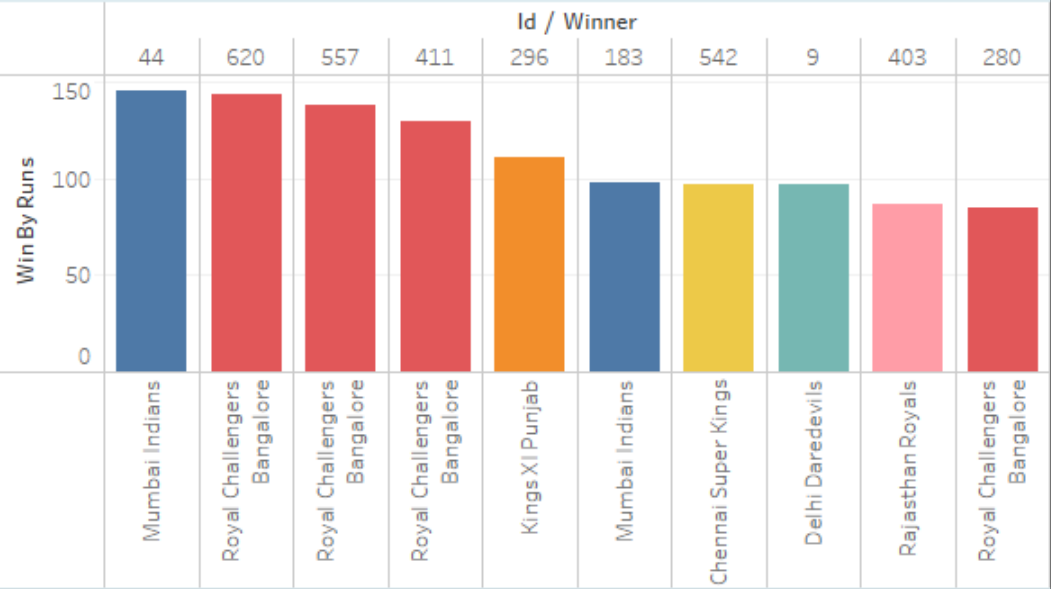
Win\_percentage for each Date Year. Color shows details about Home\_Away. The marks are labeled by Win\_percentage. The view is filtered on Home\_Away and Date Year. The Home\_Away filter keeps Null, Away, Home and NA. The Date Year filter keeps 10 of 10 members.

## Win % of home vs away for each team

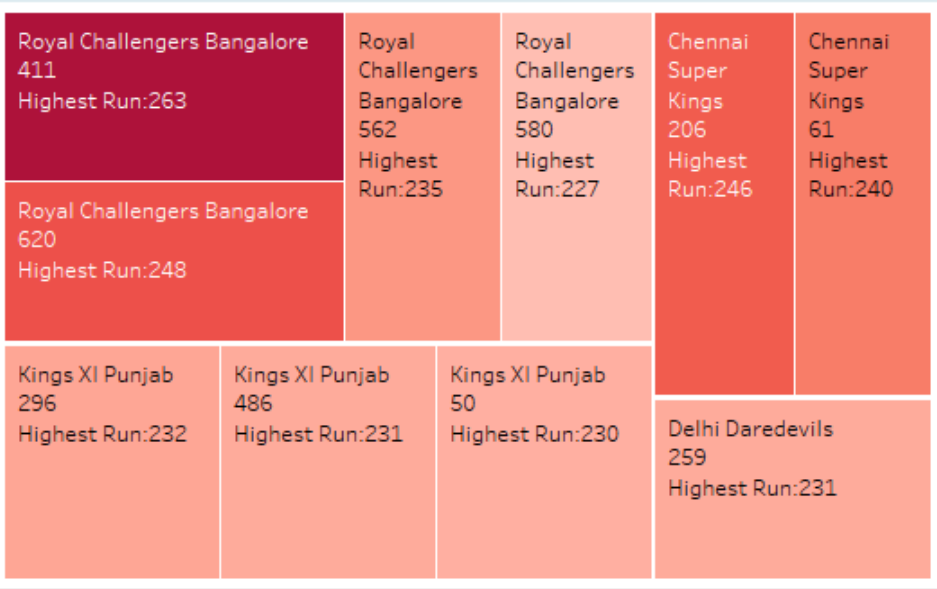
The above visualization is stacked bar chart for win % of home vs away for each teams across all seasons  
-the above chart uses the parameter teams to know the win % for the each team in all the seasons.  
-the chart is filtered by the home ,away ,NA ,null values

Match Statistics

Biggest win by runs



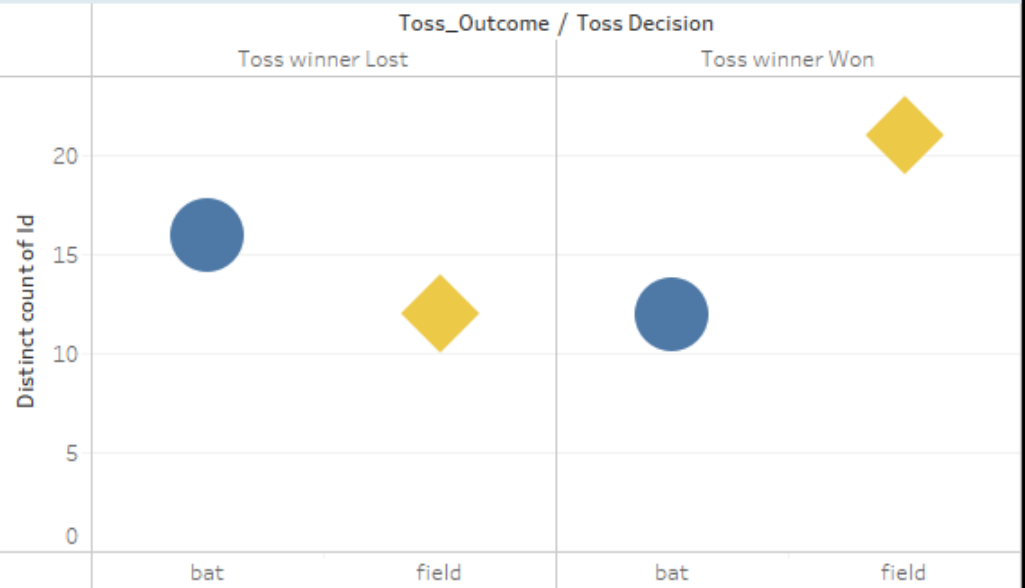
Highest total across all the season



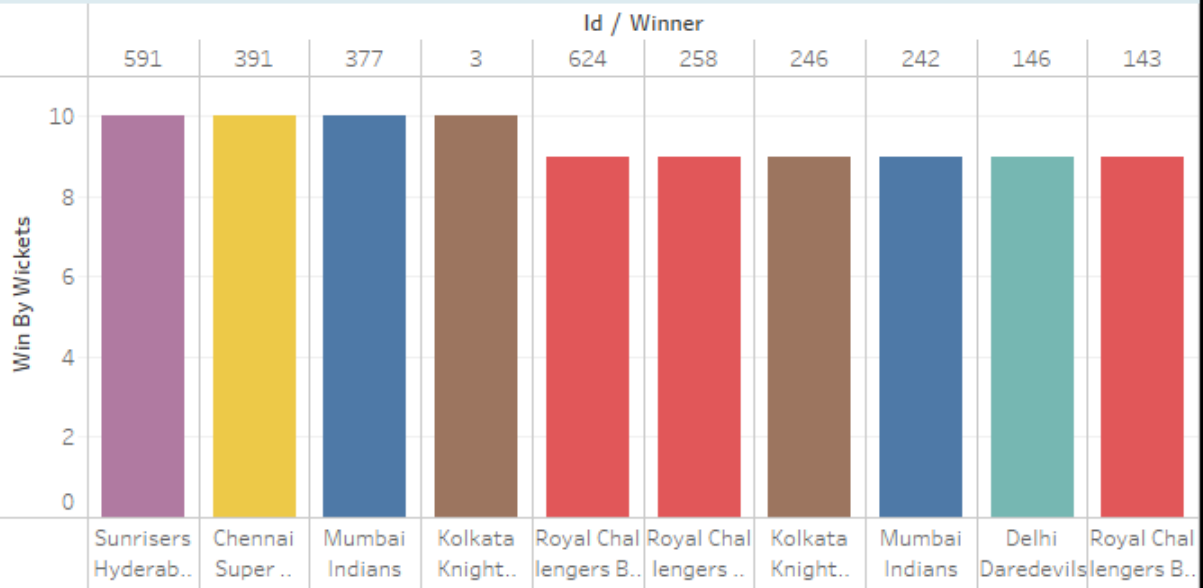
Venue

- Barabati Stadi..
- Brabourne Sta..
- Buffalo Park
- De Beers Diam..
- Dr DY Patil Sp..
- Dr. Y.S. Rajase..
- Dubai Internat..

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

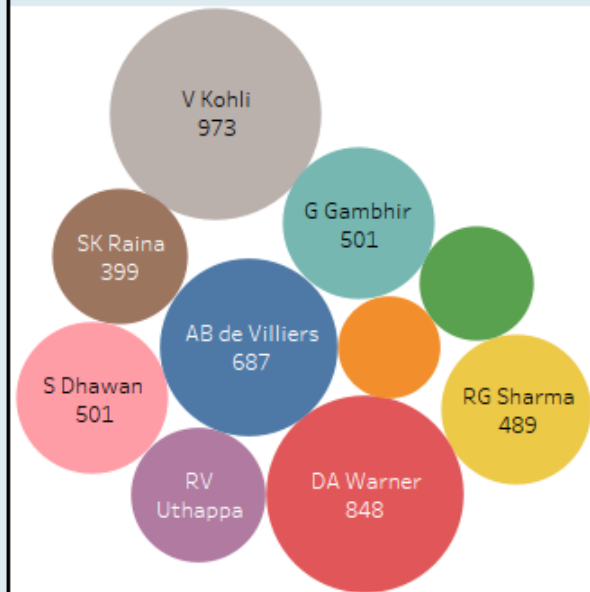


Biggest wins by wickets



## Player Statistics

### Orange Cap contenders



### Purple Cap contenders

DJ Bravo No of Wickets:15	PP Chawla No of Wickets:11	R Ashwin No of Wickets:9
A Mishra No of Wickets:13	Z Khan No of Wickets:10	Harbhajan Singh No of Wickets:8
	P Kumar No of Wickets:9	R Vinay Kumar

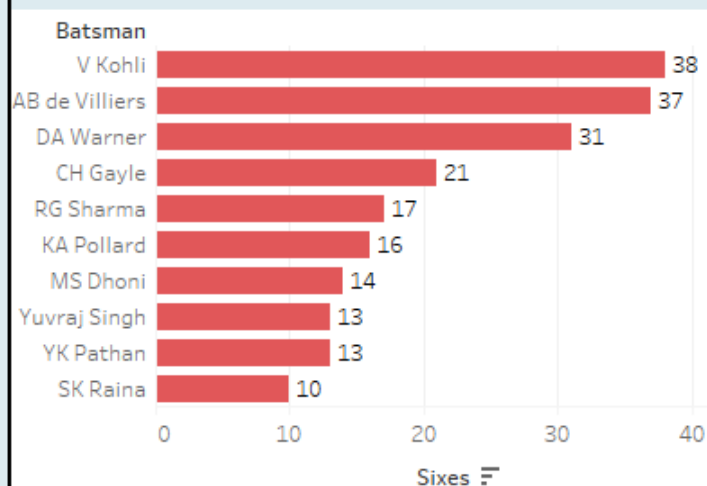
Year of Date

- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014
- ☐ 2015
- ☒ 2016
- ☐ 2017

### Most Fours

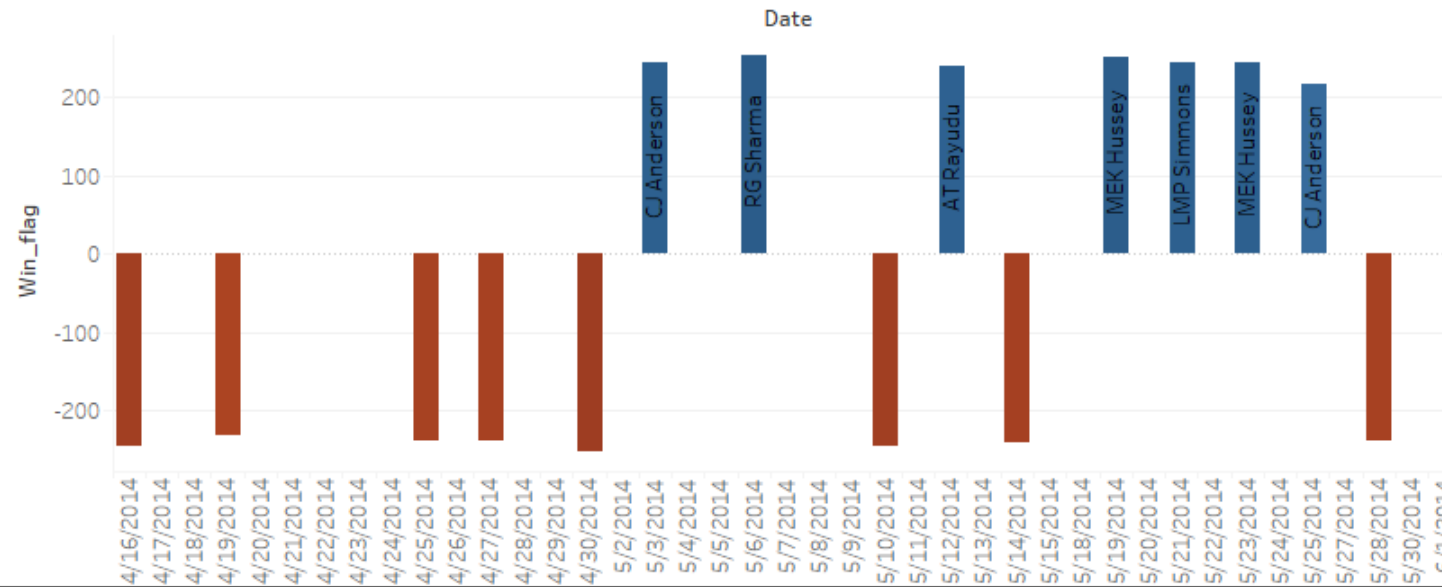
Batsman	Fours
DA Warner	88
V Kohli	84
G Gambhir	54
AM Rahane	54
S Dhawan	51
RG Sharma	49
RV Uthappa	45
SK Raina	39
CH Gayle	17

### Most Sixes



## Team Statistics

### Season-wise team performance



#### Year of Date

- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☒ 2014
- ☐ 2015
- ☐ 2016
- ☐ 2017

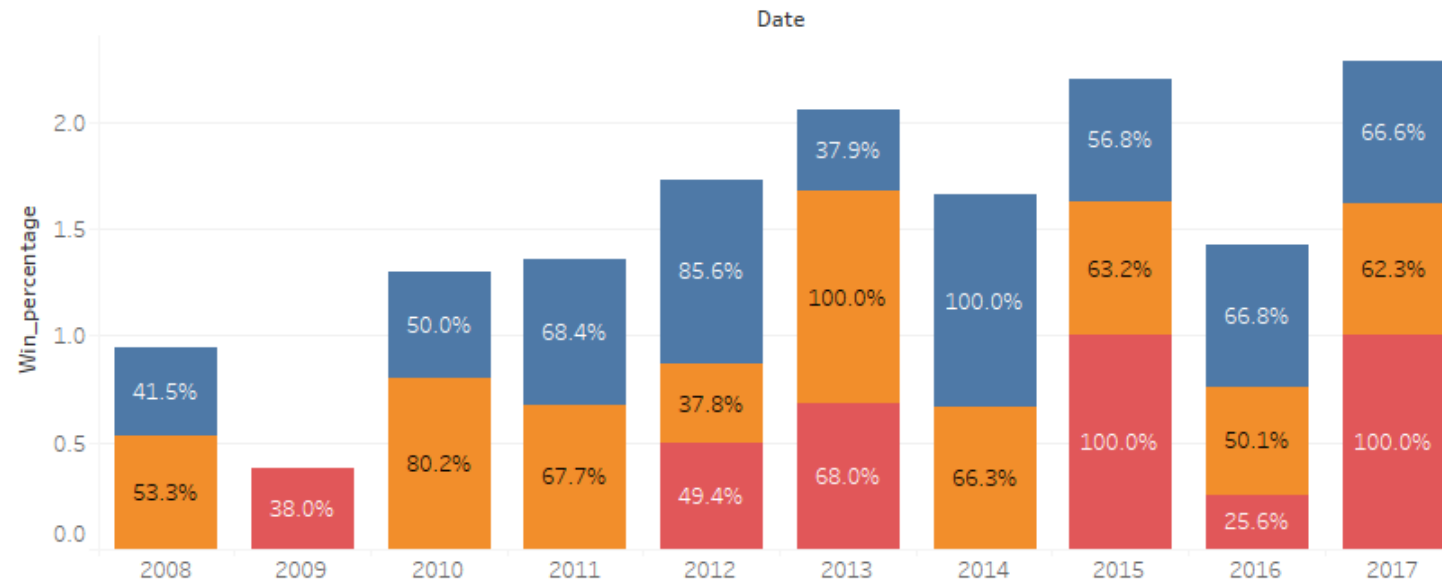
#### Teams

Mumbai Indians

#### Home\_Away

- ☒ Null
- ☒ Away
- ☒ Home
- ☒ NA

### Win % of Home Vs Away of Team Mumbai Indians



#### Home\_Away

- ☐ Null
- ☐ Away
- ☐ Home
- ☐ NA