

# **IPL VISUALIZATION ASSIGNMENT**

BY NITISH RATHORE

# I. MATCH STATISTICS

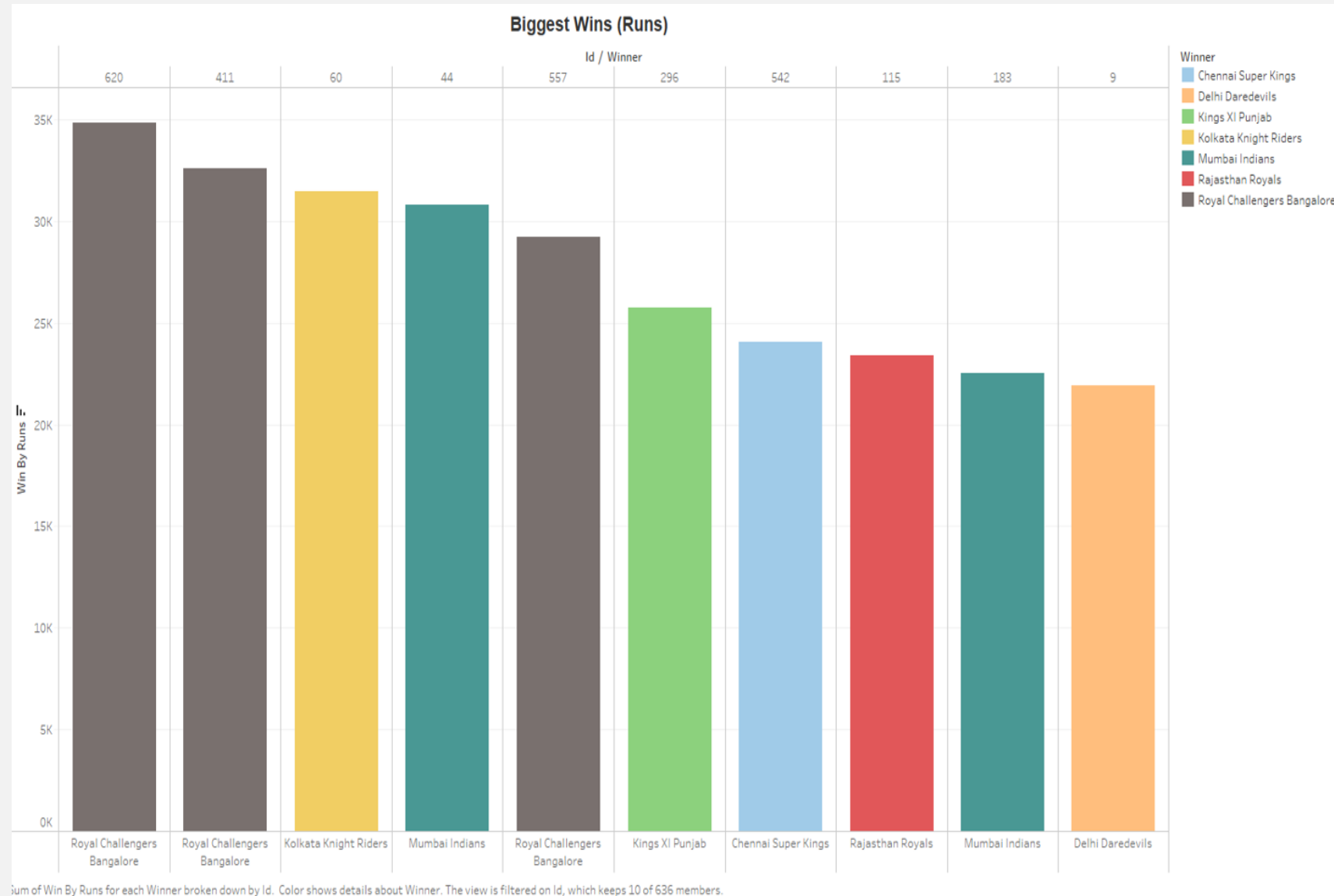
## 1(A) TOSS OUTCOME VS MATCH OUTCOME



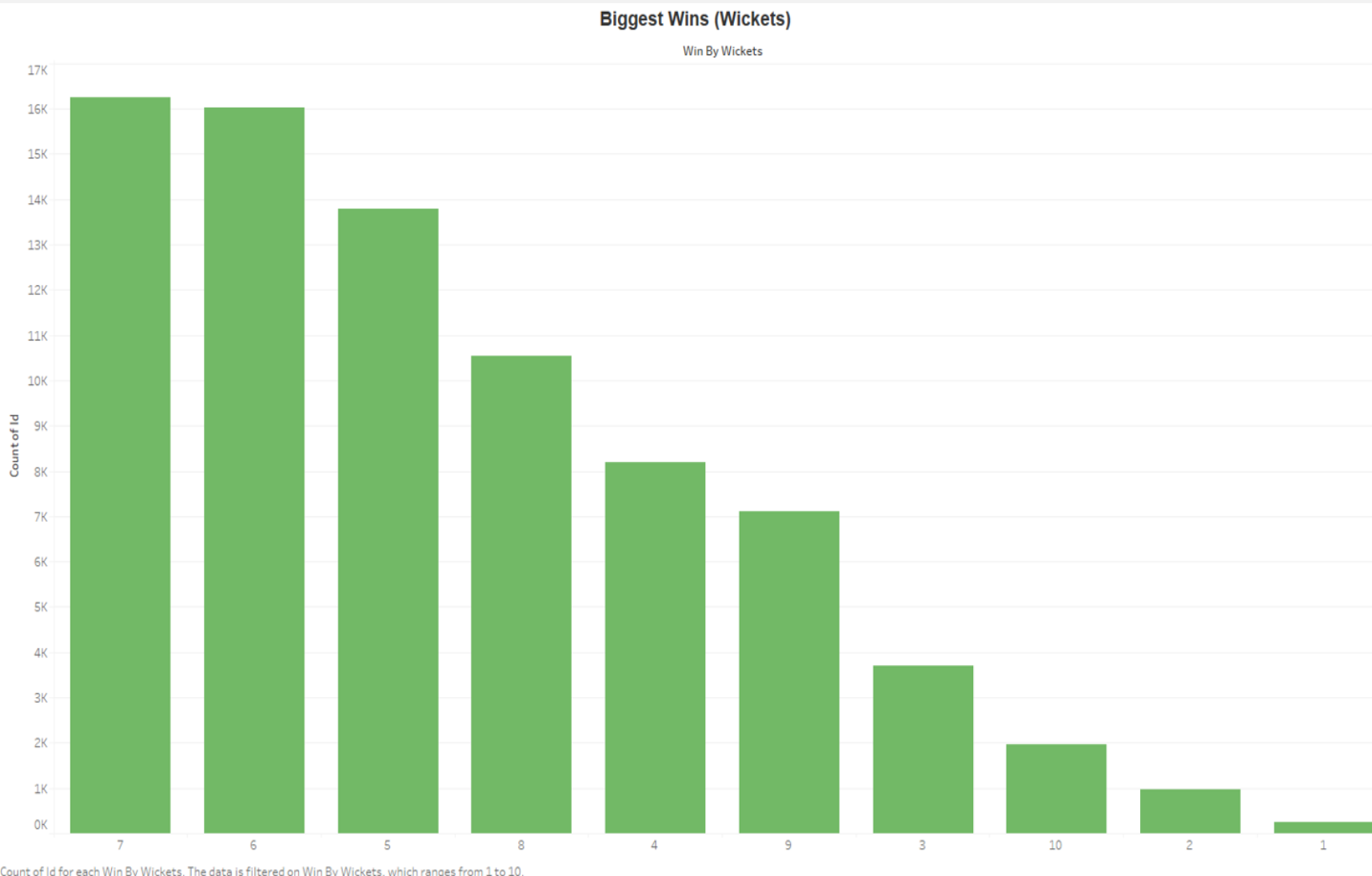
- Distinct count of id w.r.t. Venue showing the comparison of Match winner along with Toss win vs Match loss along with Toss win
- There is venue available in filter which helps to show the number of times a team has won or lost after winning toss.

## 1(B) BIGGEST WINS (RUNS)

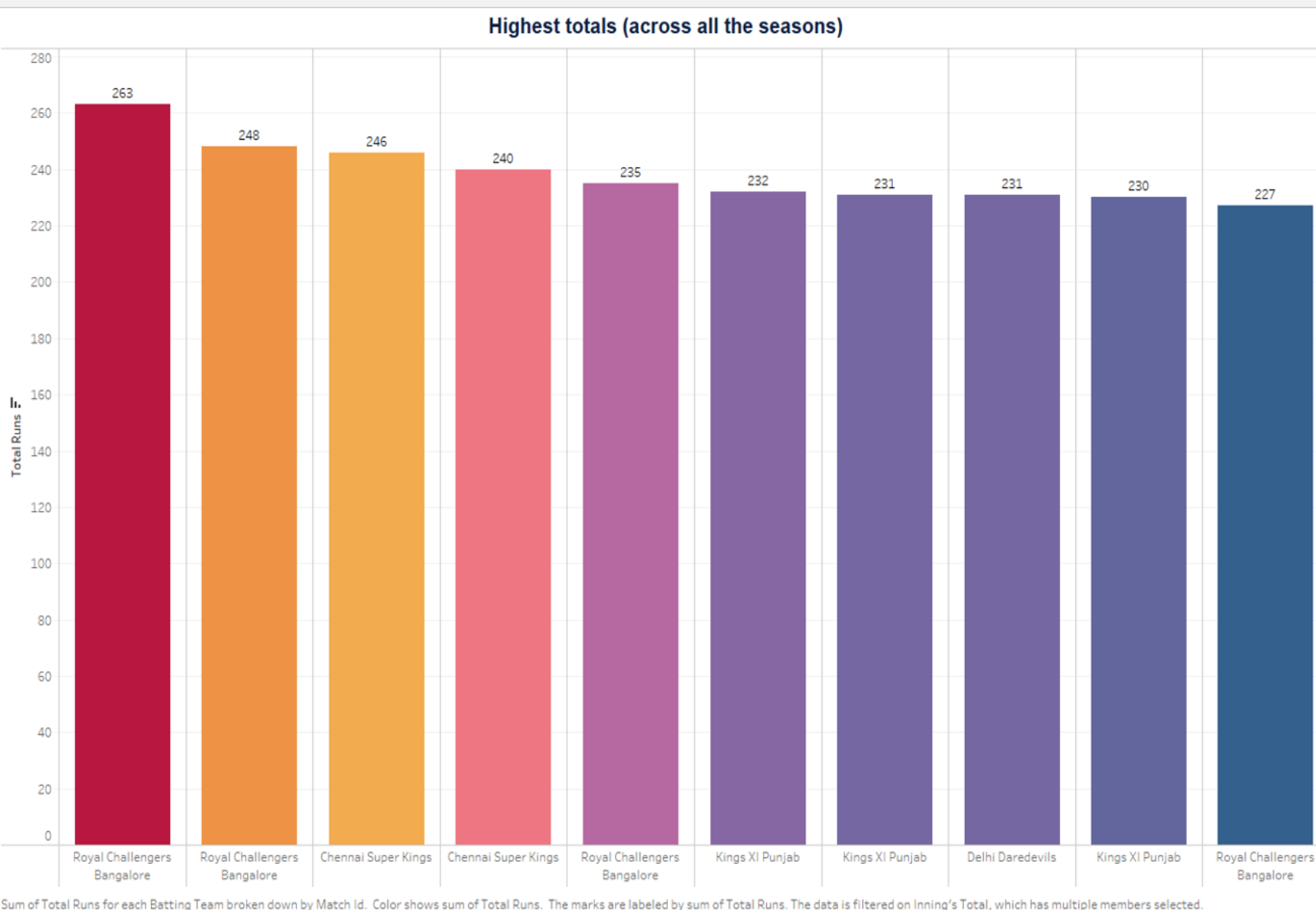
- Sum of win by runs w.r.t id has been used here to find out winner with maximum runs.
- There are 3 bars which representing Royal Challengers Bangalore, also the tallest bar belong to Royal Challengers Bangalore.
- Colors is used here to differentiate between teams.



## 1(C) BIGGEST WINS (WICKETS)



- Biggest wins by wicket here is represented by Bar chart with the help of count of id with respect to win by wickets.
- Win by 7 wickets having the tallest bar representing Biggest wins(by wicket) followed by win by 6 wickets.

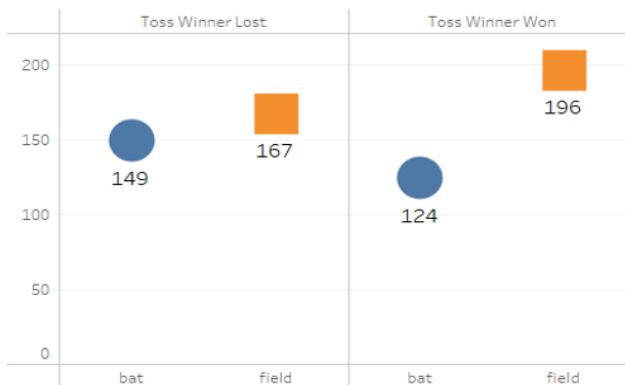


## 1(D) HIGHEST TOTALS (ACROSS ALL THE SEASONS)

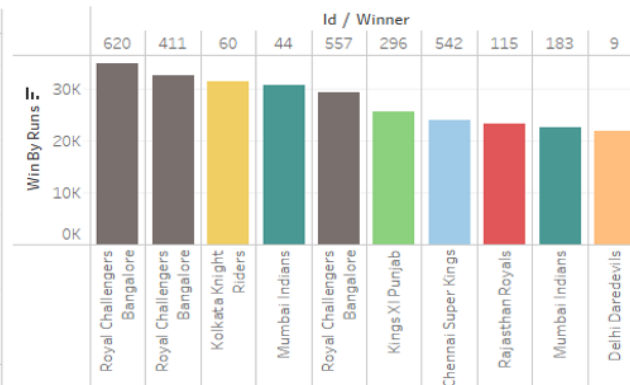
- Horizontal Bars has been used to show Teams with Highest totals in a single inning.
- Labels over Bars showing runs and venue.
- Royal Challengers Bangalore have scored 263 at Chinnaswamy stadium.

# DASHBOARD - MATCH STATISTICS

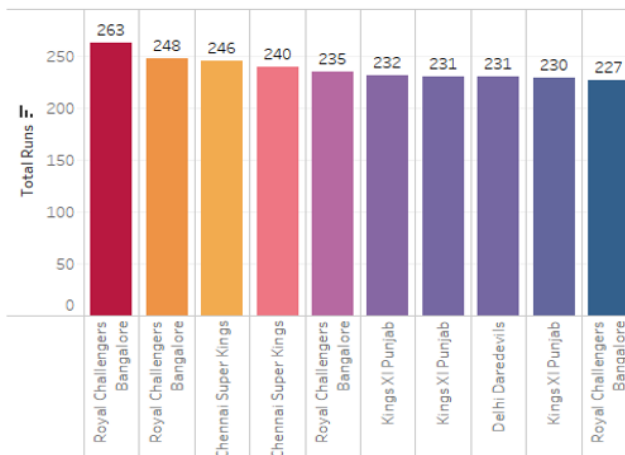
## Toss outcome vs Match outcome



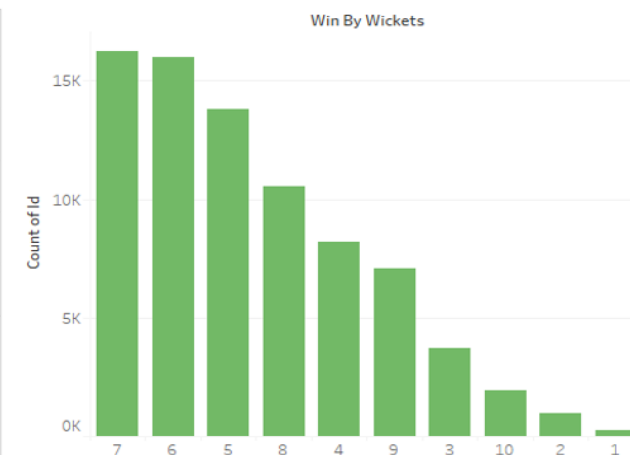
## Biggest Wins (Runs)



## Highest totals (across all the seasons)



## Biggest Wins (Wickets)



## 2. PLAYER STATISTICS

### 2(A) PURPLE CAP CONTENDERS

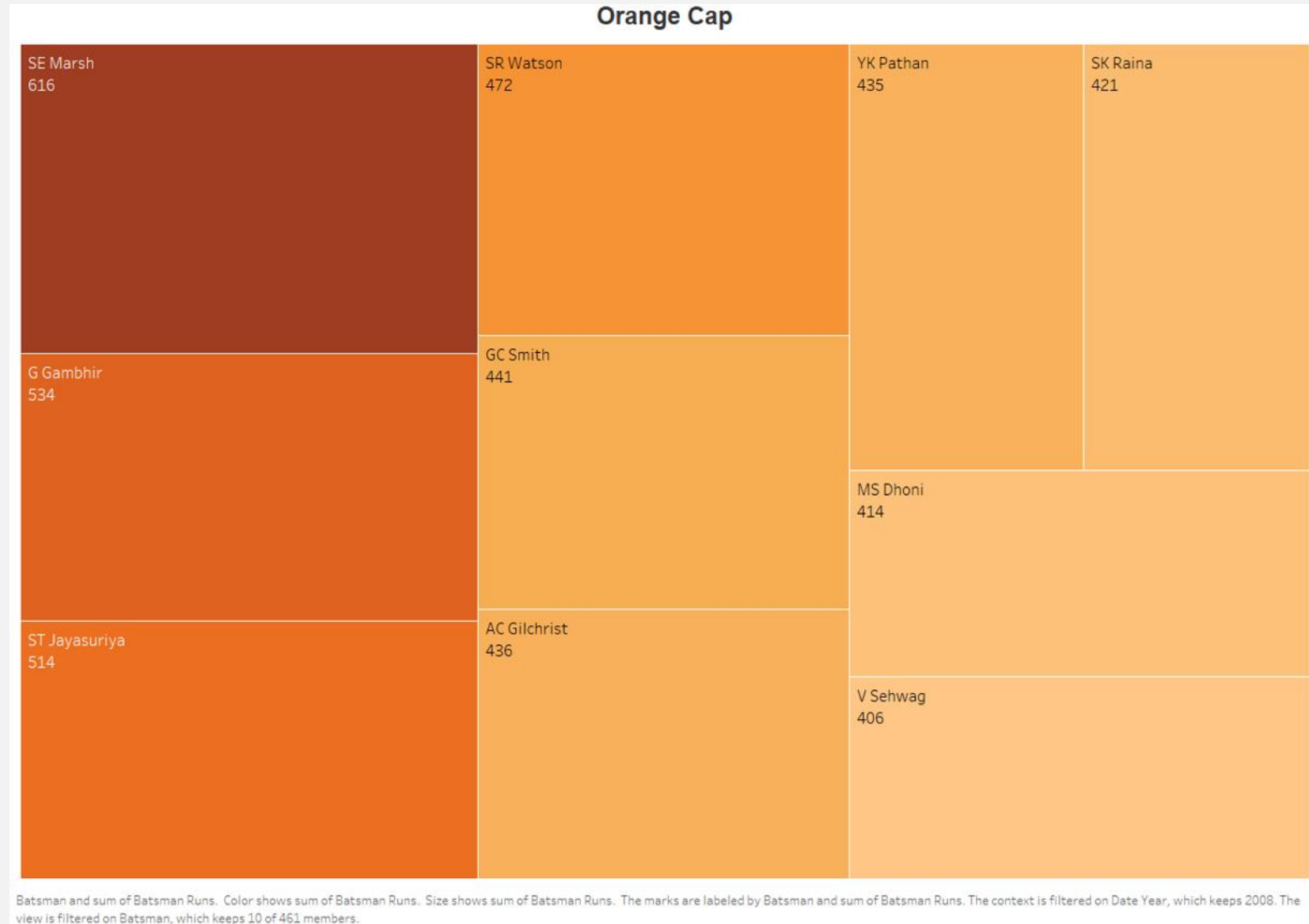


Bowler and count of Player Dismissed. Color shows count of Player Dismissed. Size shows count of Player Dismissed. The marks are labeled by Bowler and count of Player Dismissed. The context is filtered on Date Year, which

- Purple cap contender represents the rank of bowlers with highest number of wickets in a single season.
- To check different season's purple cap condender, season has been kept in filter.
- E.g. – Sohail Tanveer is Purple cap winner for 2008.

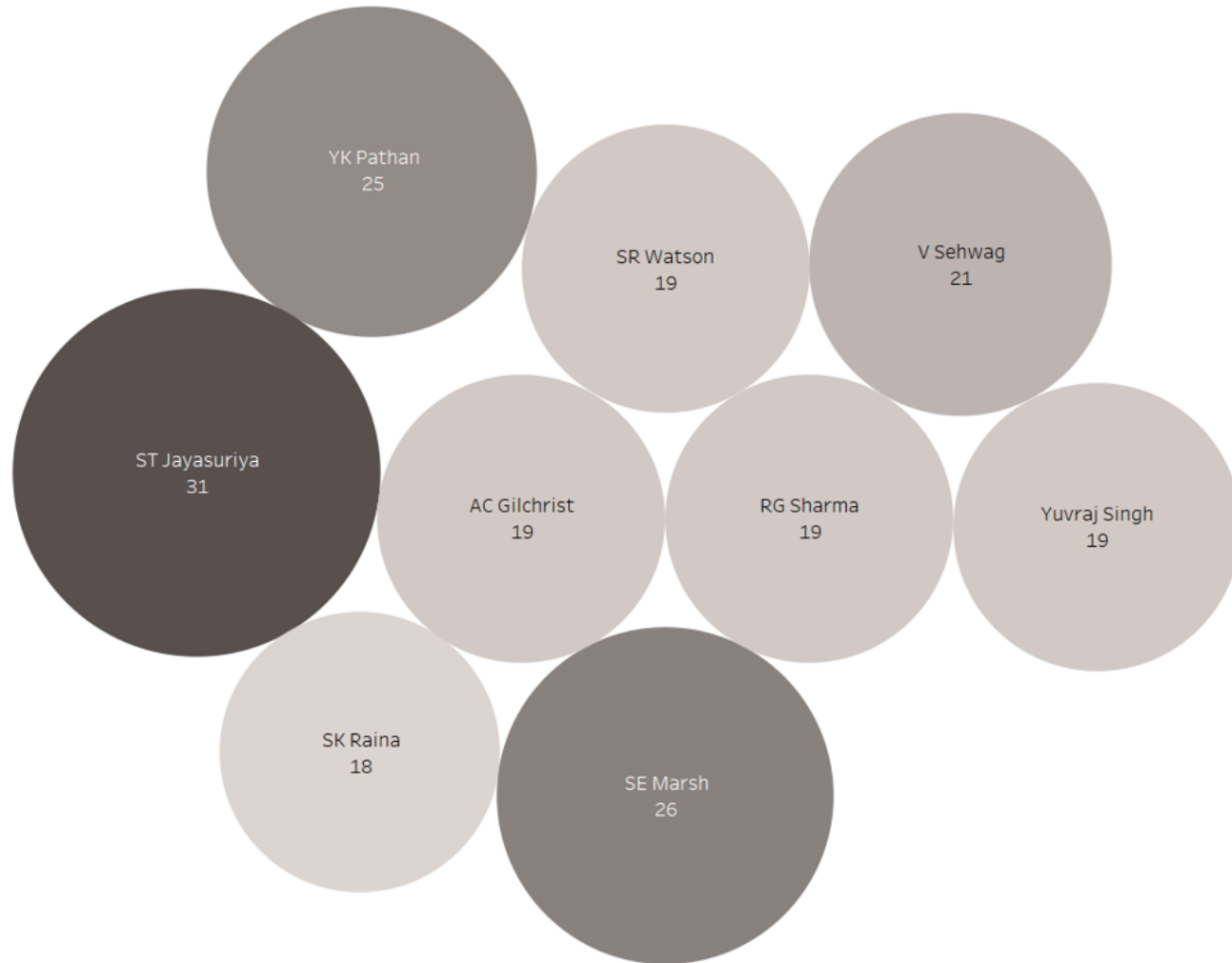
## 2(B)ORANGE CAP CONTENDERS

- Orange cap contender represents the rank of batsman with maximum number of runs in a single season.
- To check different season's orange cap condender, season has been kept in filter.
- E.g. – SE Marsh is Orange cap winner for 2008.





### Batsmen with most number of Sixes



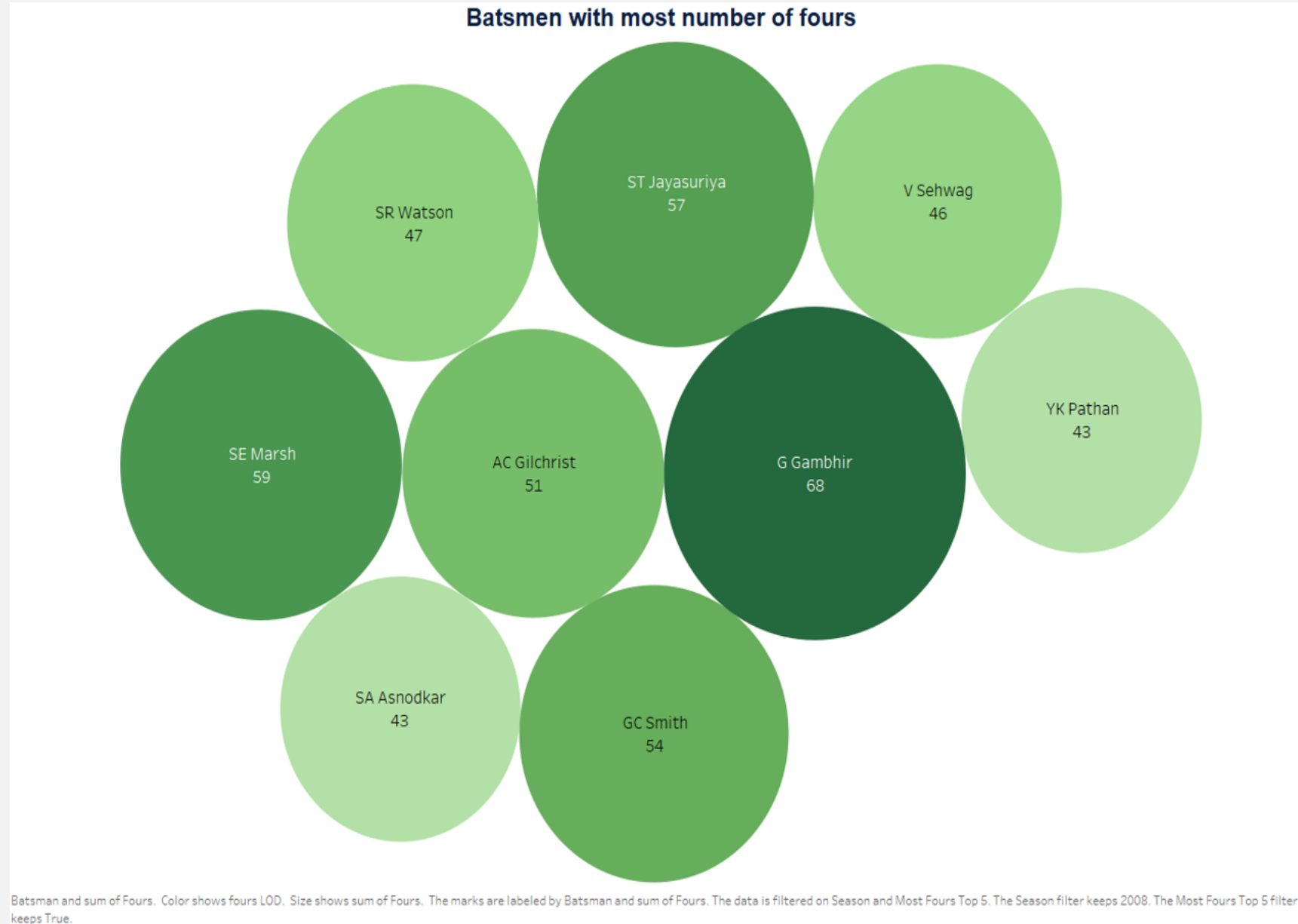
### 2(C) BATSMEN WITH MOST 6'S

- Packed Bubble has been used here to showcase the batsman with most number of Sixes.
- Darker Color and bigger size of circle showing players towards a greater number of sixes.
- ST Jayasuriya having most sixes in season 2008, which is 31.

Batsman and sum of Sixes. Color shows Sixes LOD. Size shows sum of Sixes. The marks are labeled by Batsman and sum of Sixes. The data is filtered on Season and Most Sixes Top 5. The Season filter keeps 2008. The Most Sixes Top 5 filter keeps True.

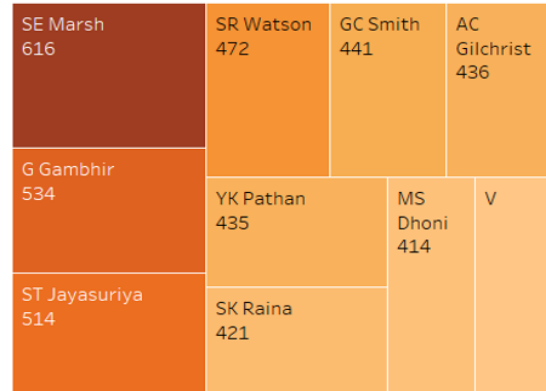
## 2(D) BATSMEN WITH MOST 4'S

- Packed Bubble has been used here to showcase the batsman with most number of fours.
- Darker Color and bigger size of circle showing players towards a greater number of fours.
- G Gambhir having most sixes in season 2008, which is 68.

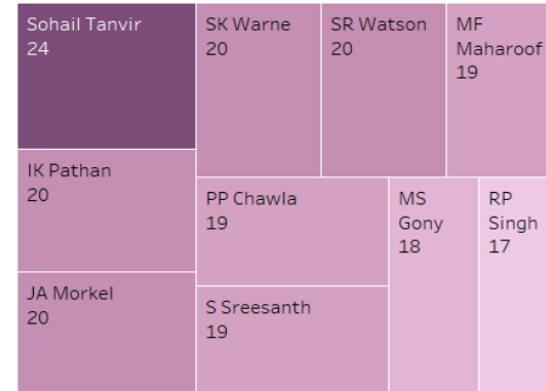


# DASHBOARD - PLAYER STATISTICS

## Orange Cap

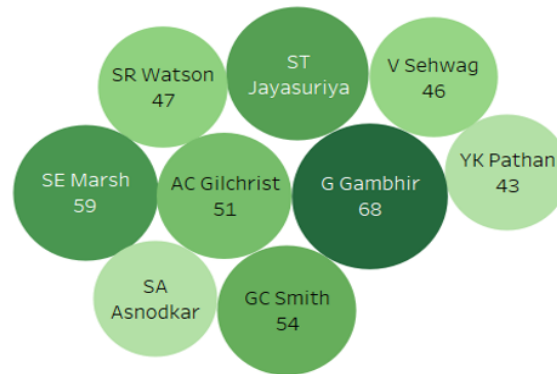


## Purple Cap

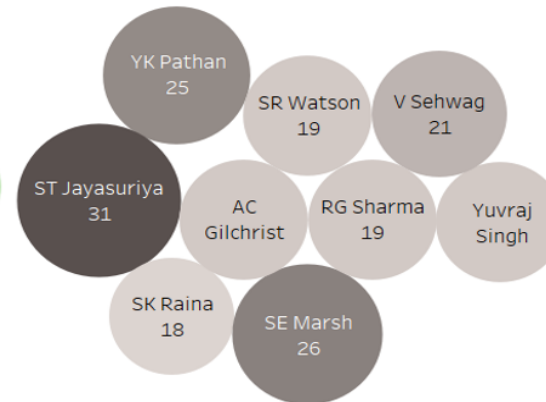


Season  
☒ 2008  
☐ 2009  
☐ 2010  
☐ 2011  
☐ 2012  
☐ 2013  
☐ 2014  
☐ 2015  
☐ 2016  
☐ 2017

## Batsmen with most number of fours

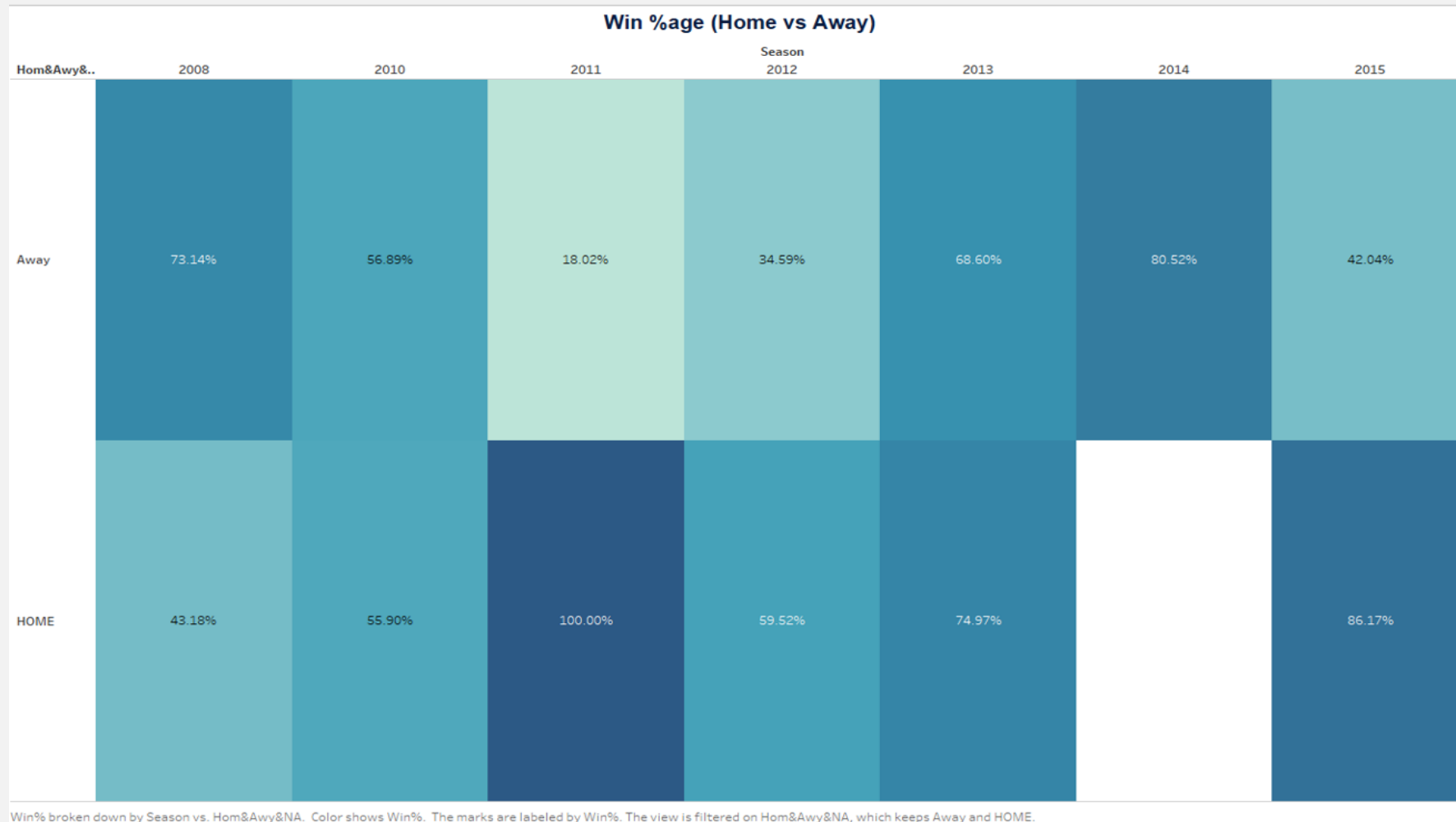


## Batsmen with most number of Sixes



# 3. TEAM STATISTICS

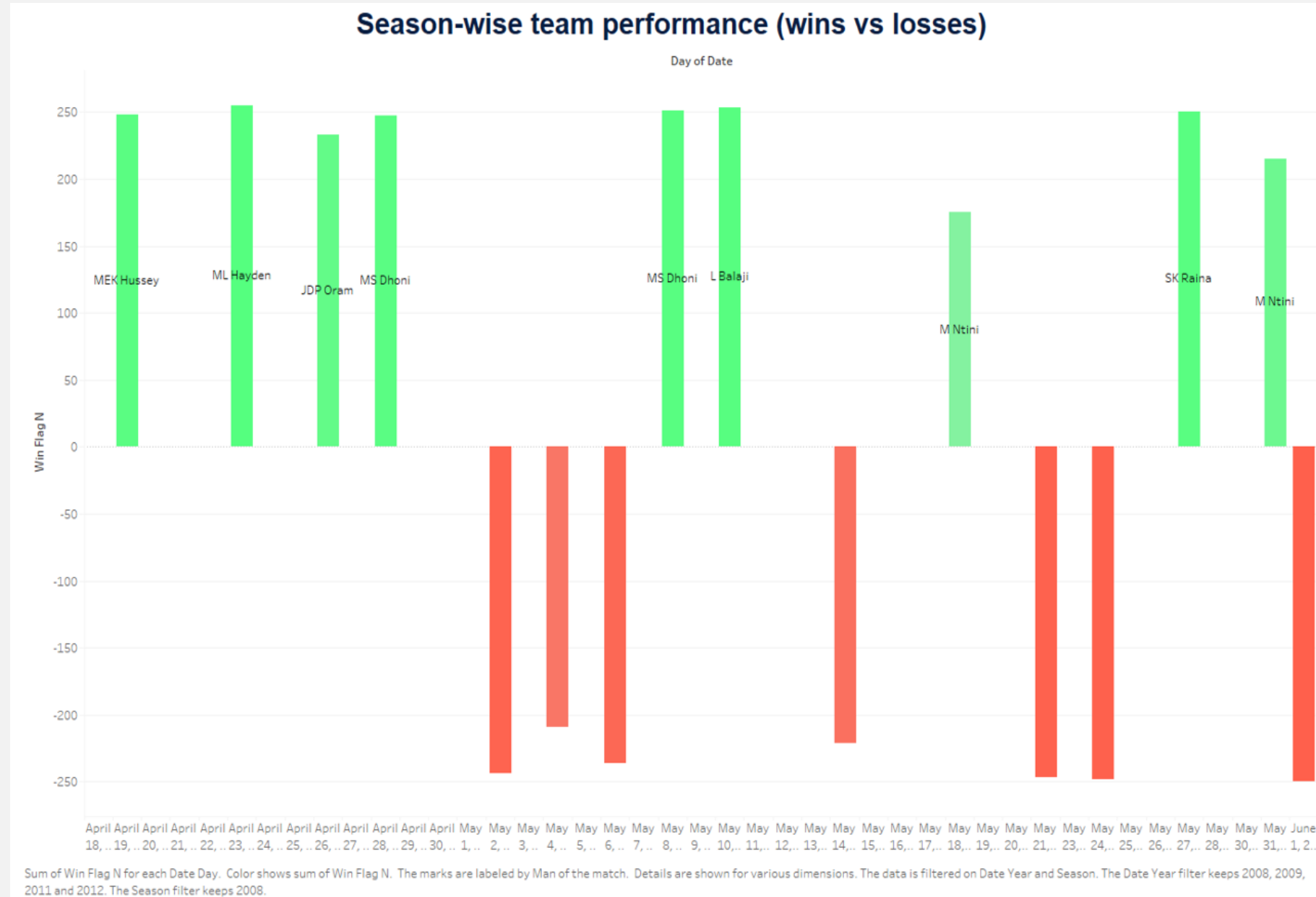
## 3(A) WIN %AGE (HOME VS AWAY)



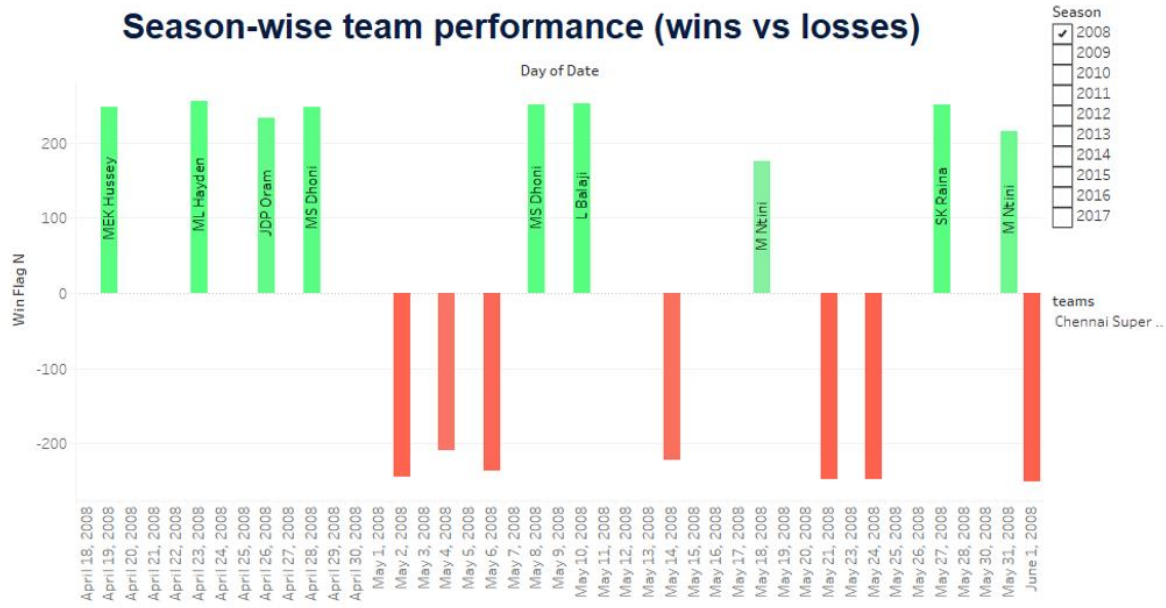
Here, we can see winning percentage of any season played in home and played in away for all teams. The view is filtered on Home ,Away and NA.

## 3(B) SEASON-WISE TEAM PERFORMANCE

- Stacked bar chart used here to show difference matches won and lost for any team.
- Man of the match with winning matches can be seen over as a label.
- Season and team can be used to watch different visuals.



DASHBOARD -  
TEAM  
STATISTICS



Win %age (Home vs Away)							
		Season					
Hom&Awy&..	2008	2010	2011	2012	2013	2014	2015
Away	73.14%	56.89%	18.02%	34.59%	68.60%	80.52%	42.04%
HOME	43.18%	55.90%	100.00%	59.52%	74.97%		86.17%

THANK YOU !!!