

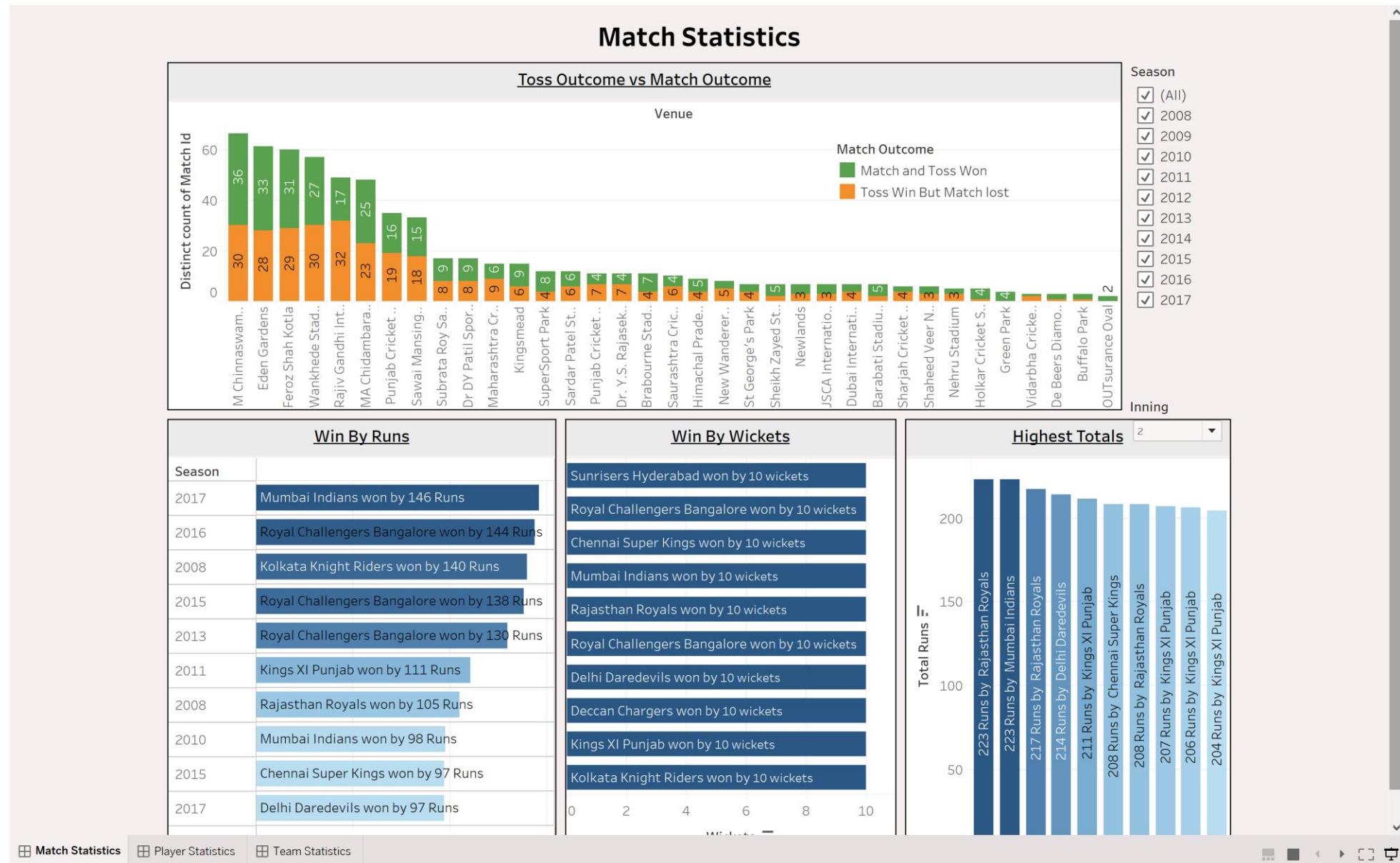
# IPL ASSIGNMENT USING TABLEAU

Presented By :

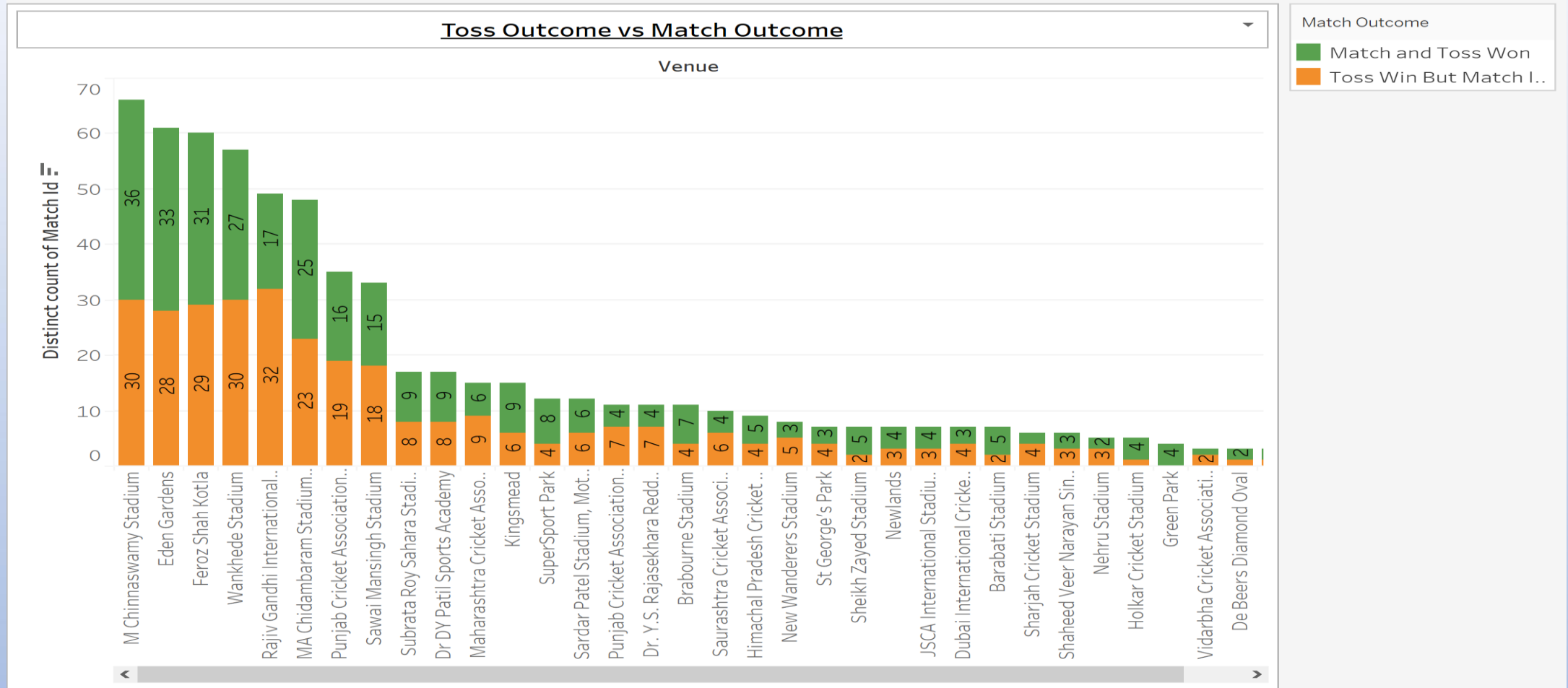
Arpit Vijay

# PROBLEM STATEMENT

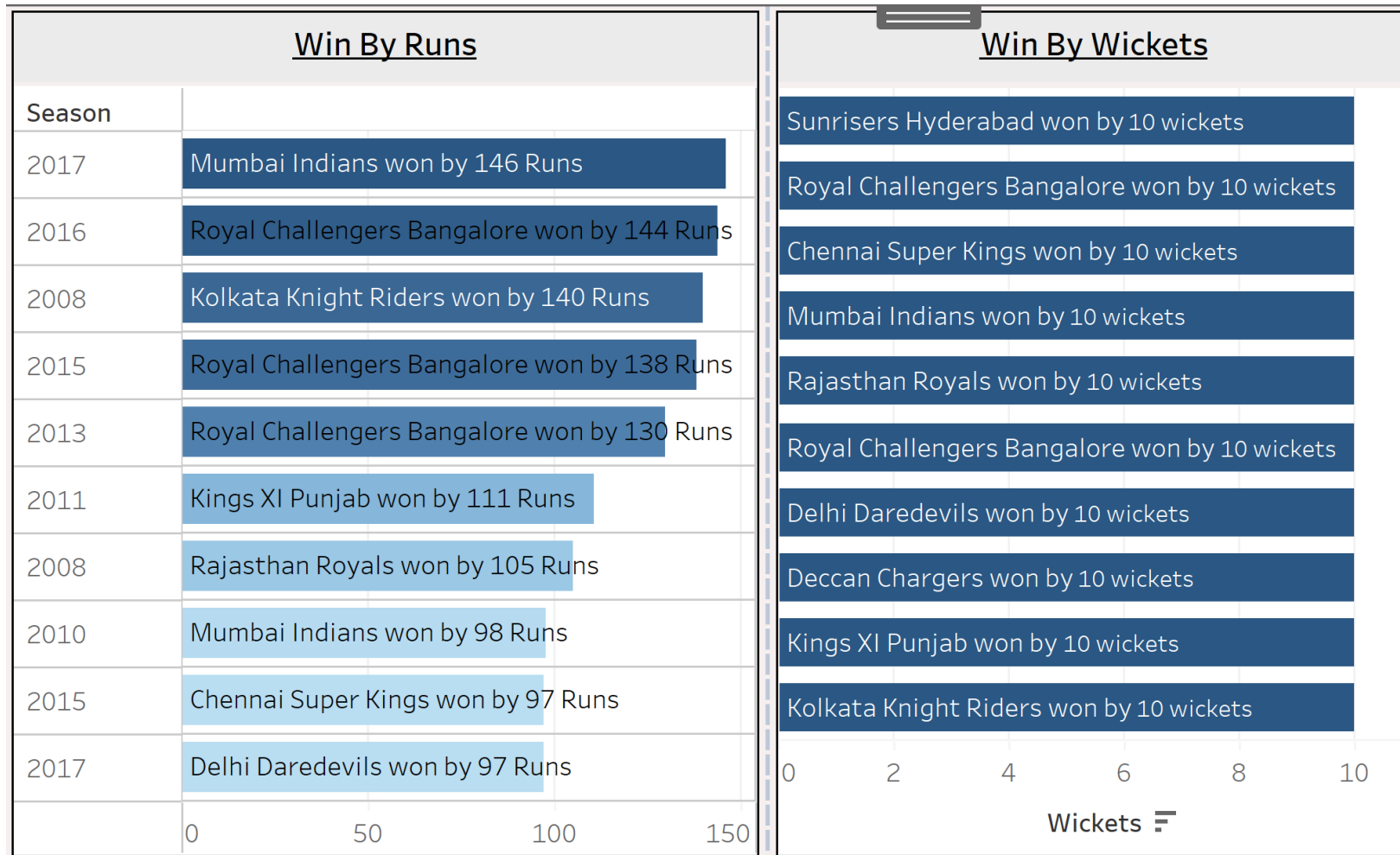
As a data analyst at IFP, an interactive dashboard needs to be built in Tableau to serve the purpose of providing an infographic for a newsletter that the team is working on. The dashboard should contain several IPL statistics with respect to the match, teams and the players. The visuals will help in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



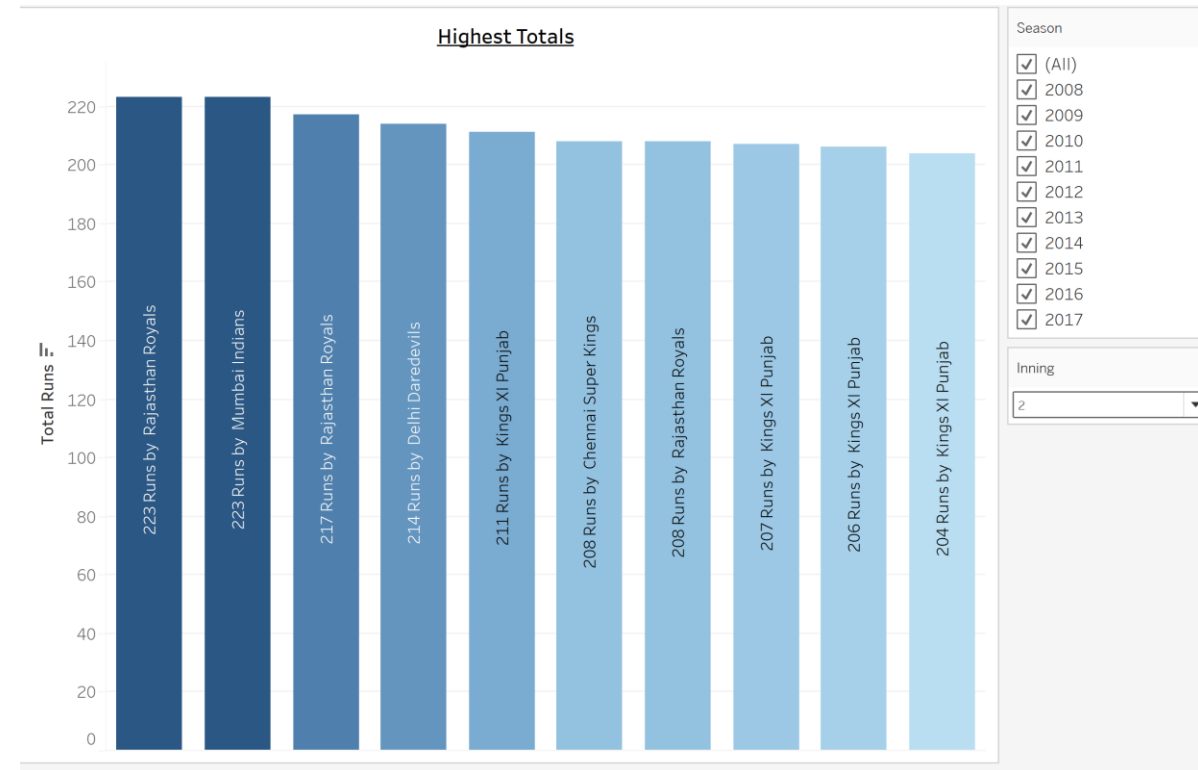
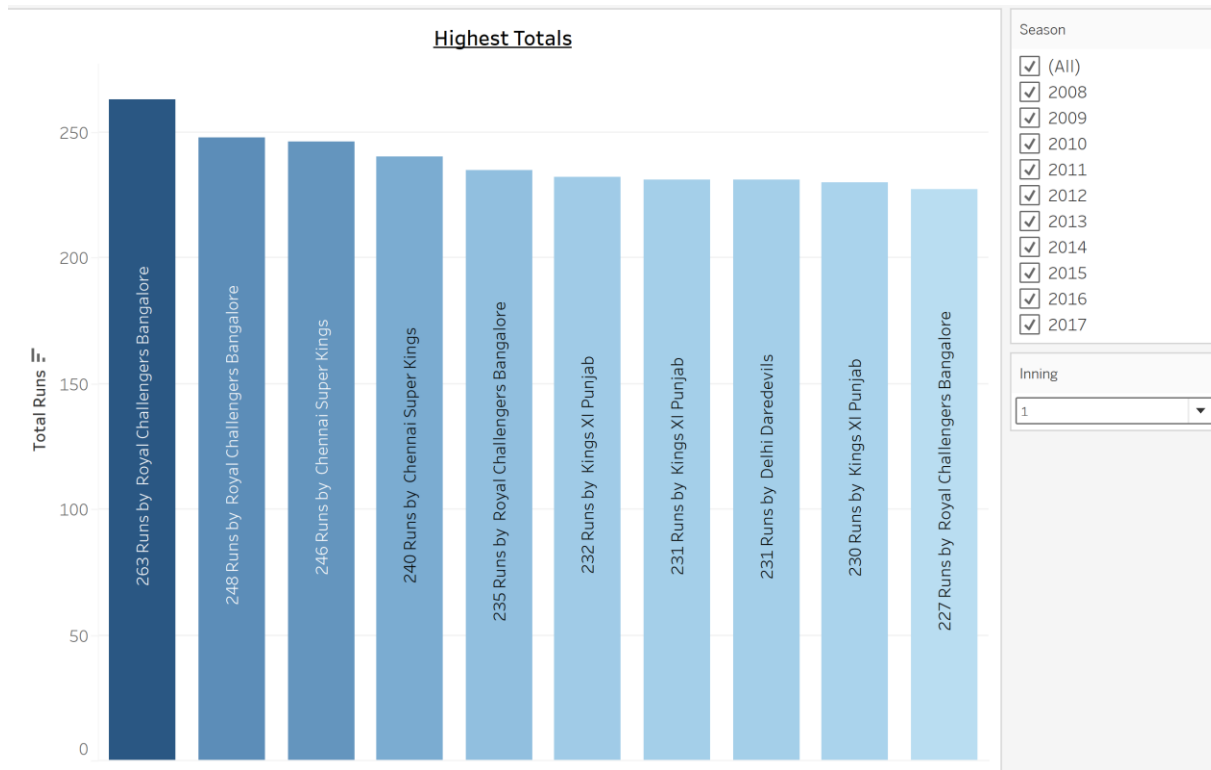
The above dashboard is the complete summary of Match Statistics.



- The decision of Toss Winner has a little impact on the Match Winner.
- From the graph it can be seen that most number of matches in which toss winner is also the match winner has occurred in **M . Chingaswamy Stadium .**
- Rajiv Gandhi International Stadium is the stadium where team lost inspite of winning toss.



- From 1<sup>st</sup> graph it is visible that **Mumbai Indians won by 146 runs** in 2017 which is the highest of all seasons.
- From 2<sup>nd</sup> graph it is visible that wins **by Wickets** is reported by 9 teams from 2008-2017 which is by 10 wickets.



- From the 1<sup>st</sup> graph it is visible that highest totals have been achieved in **2013 by Royal Challengers Bangalore** when played in 1<sup>st</sup> innings.
- From the 2<sup>nd</sup> graph it is visible that highest totals have been achieved in **2010 by Rajasthan Royals** when played in 2<sup>nd</sup> innings.

# Player Statistics

### Batsman with most no of 4's & 6's

Batsman	Season
SK Raina 576	(All)
CH Gayle 563	2008
DA Warner 561	2009
V Kohli 544	2010
G Gambhir 542	2011
RG Sharma 527	2012
RV Uthappa 502	2013
S Dhawan 472	2014
BB	2015
SE Marsh	2016
JH Kallis	2017
R Dravid	
PA Patel	
M Vijay	
DR Smith	
AJ Finch	
MS Dhoni	

### Purple Cap

Season / Bowler
2008 Sohail Tanvir
2009 RP Singh
2010 PP Ojha
2011 SL Mali nga
2012 M Morkel
2013 DJ Bravo
2014 MM Sh arma
2015 DJ Bravo
2016 B Kumar
2017 B Kumar

### Orange Cap

Season	Batsman
2008	SE Marsh
2009	ML Hayden
2010	SR Tendulkar
2011	CH Gayle
2012	CH Gayle
2013	MEK Hussey
2014	RV Uthappa
2015	DA Warner
2016	V Kohli
2017	DA Warner

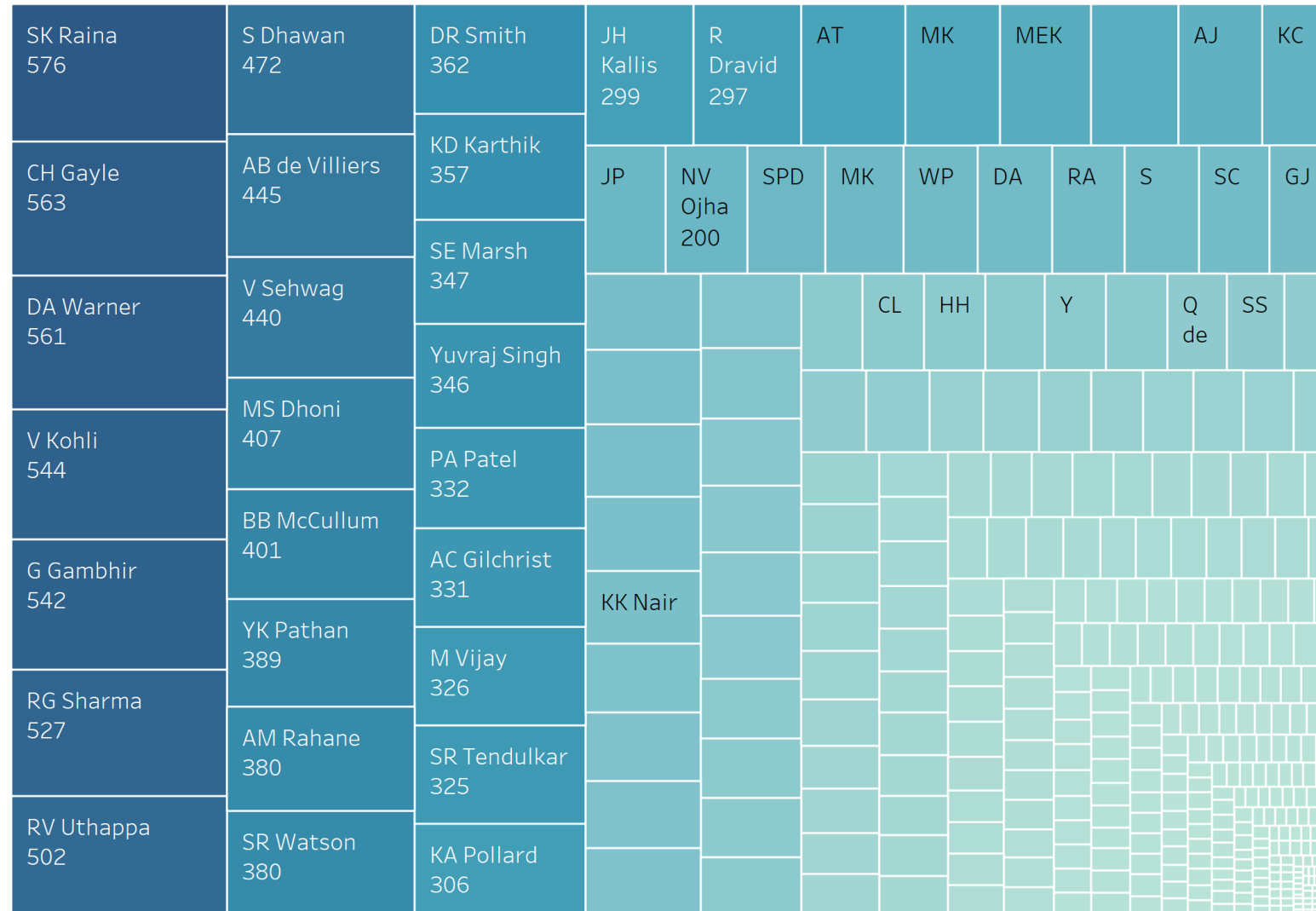
Match Statistics

Player Statistics

Team Statistics

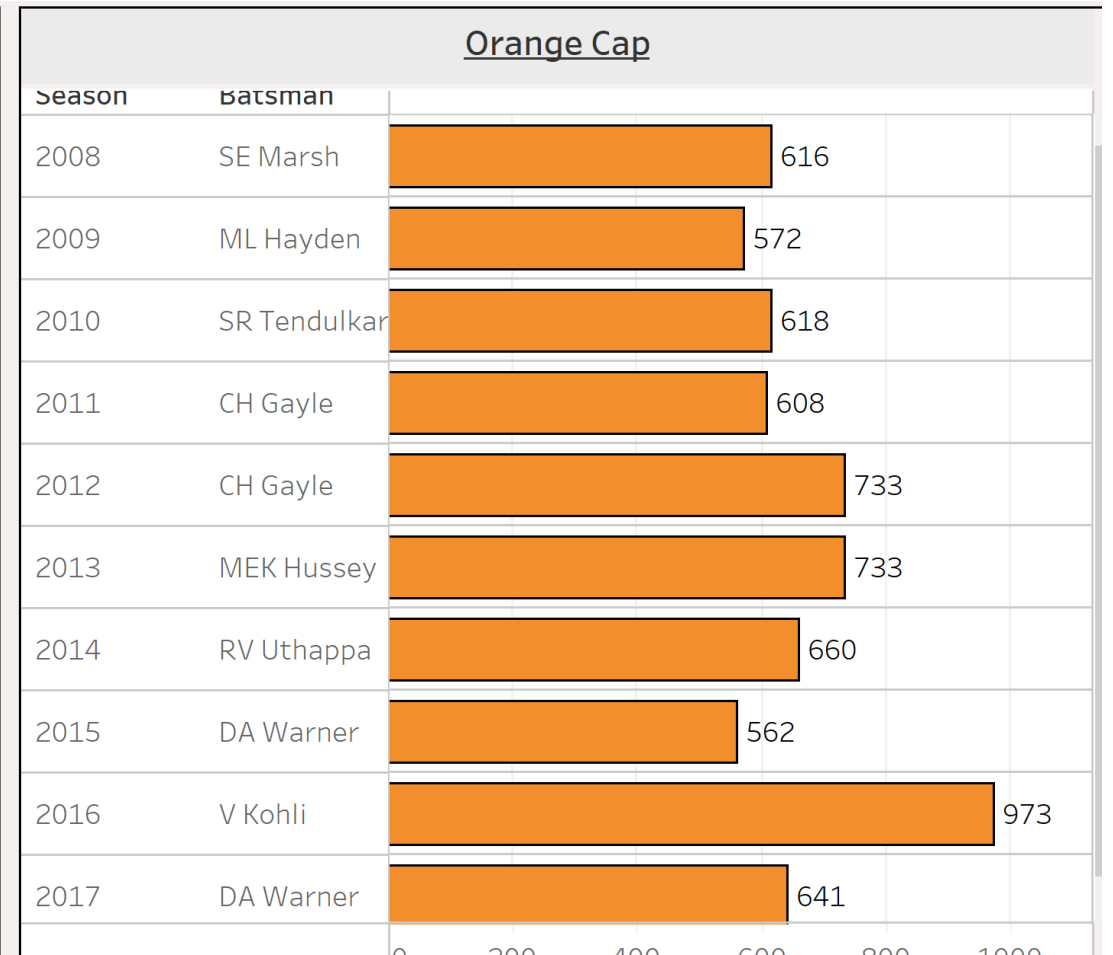
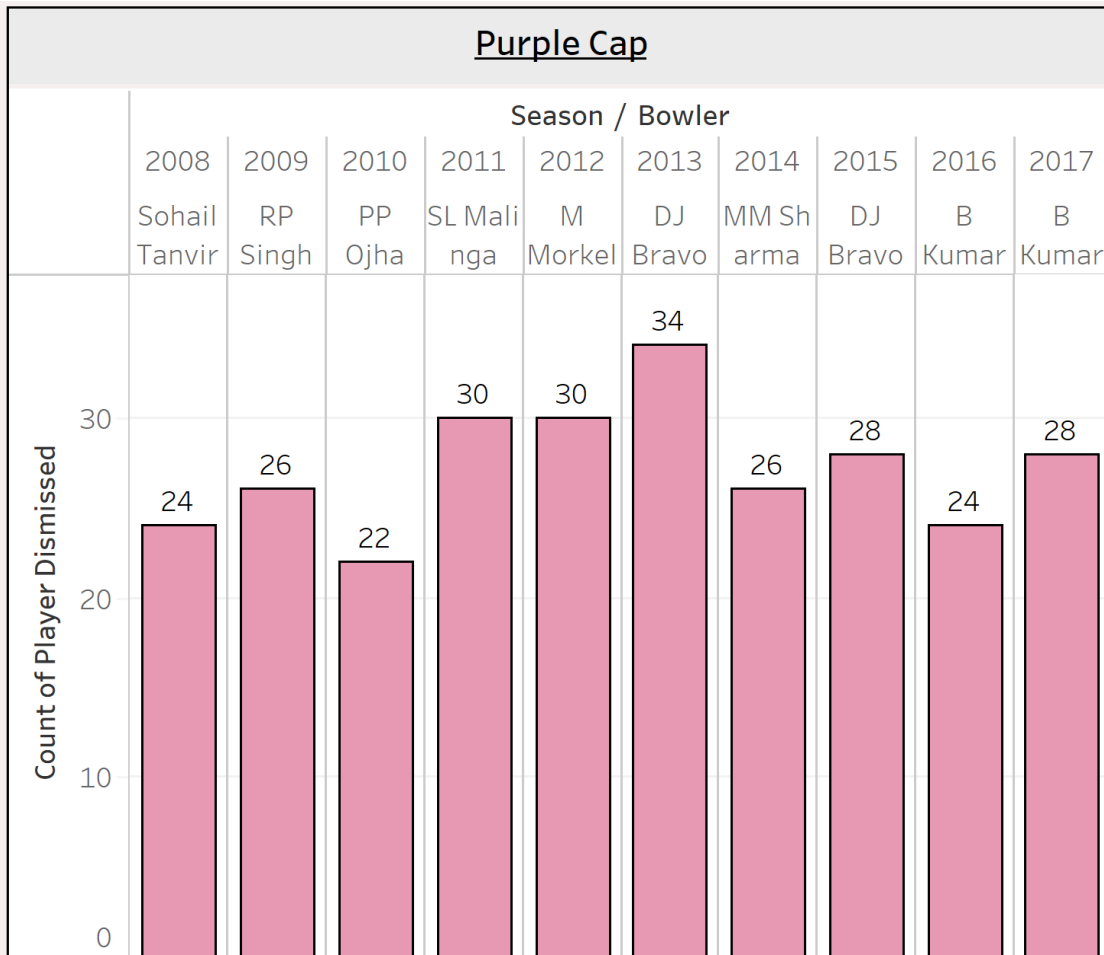
The above dashboard is the complete summary of Player Statistics.

### Batsman with most no of 4's & 6's



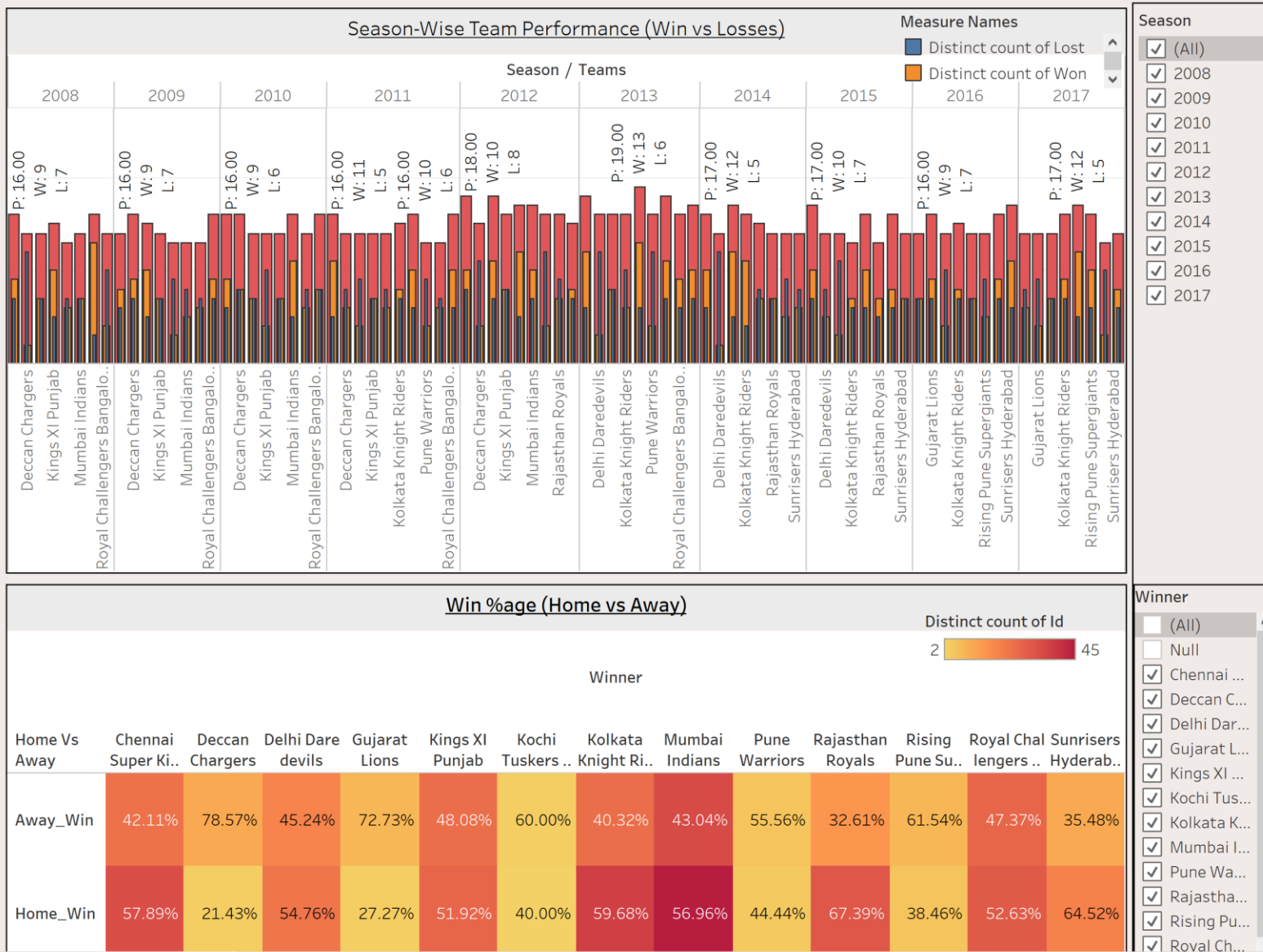
- The visual shows the players who have scored the most number of 4s & 6s over all the seasons together. Suresh Raina has scored the most number of 4s & 6s over all the season together.
- Gautam Gambhir hits the maximum 4's and Chris Gayle hits the maximum 6's over all the seasons together.





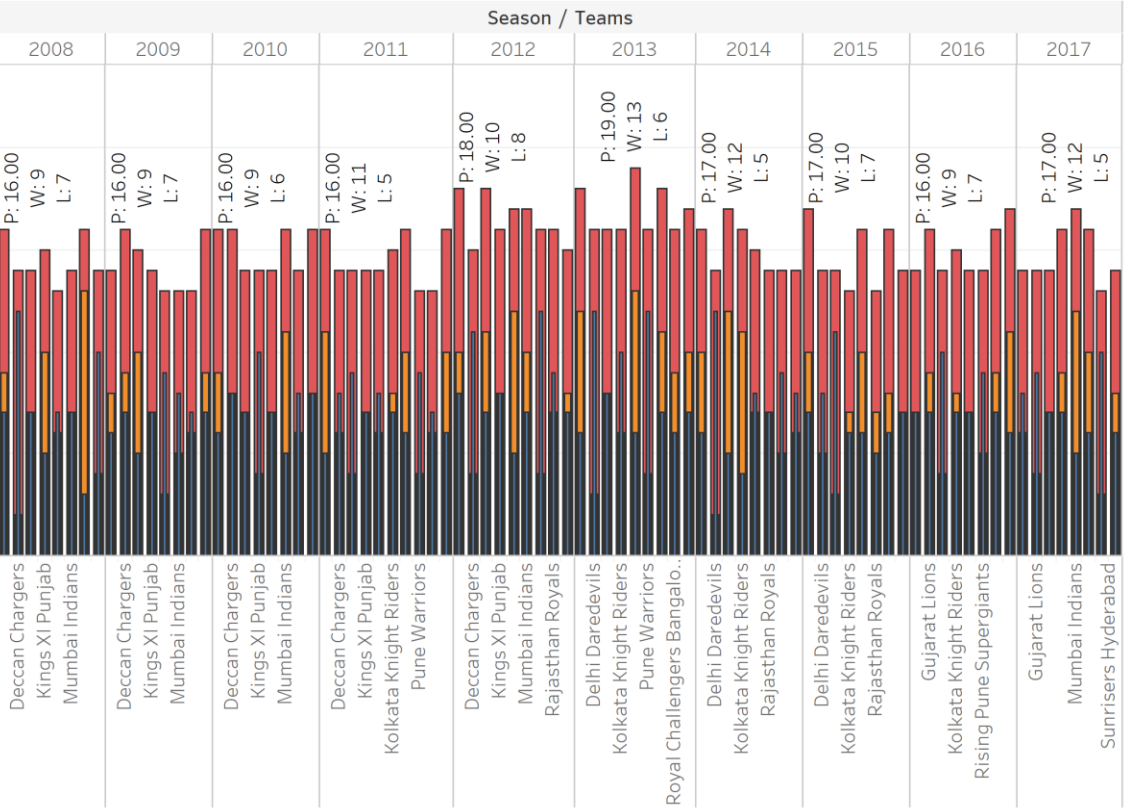
- From the 1<sup>st</sup> graph it can be seen that Purple Cap holder **DJ Bravo from Chennai Superkings** was the bowler who dismissed the batsman most no. of times in 2013 i.e 34 times followed by M.Morkle and SL Malinga in 2011 & 2012 respectively i.e 30 times each.
- From the 2<sup>nd</sup> graph it can be seen that Orange Cap holder **V kohli from RCB** was the batsman who scored maximum no of runs in 2016 i.e 973 runs followed by CH Gayle and MEK Hussy in 2012 & 2013 respectively i.e 733 runs each

# Team Statistics



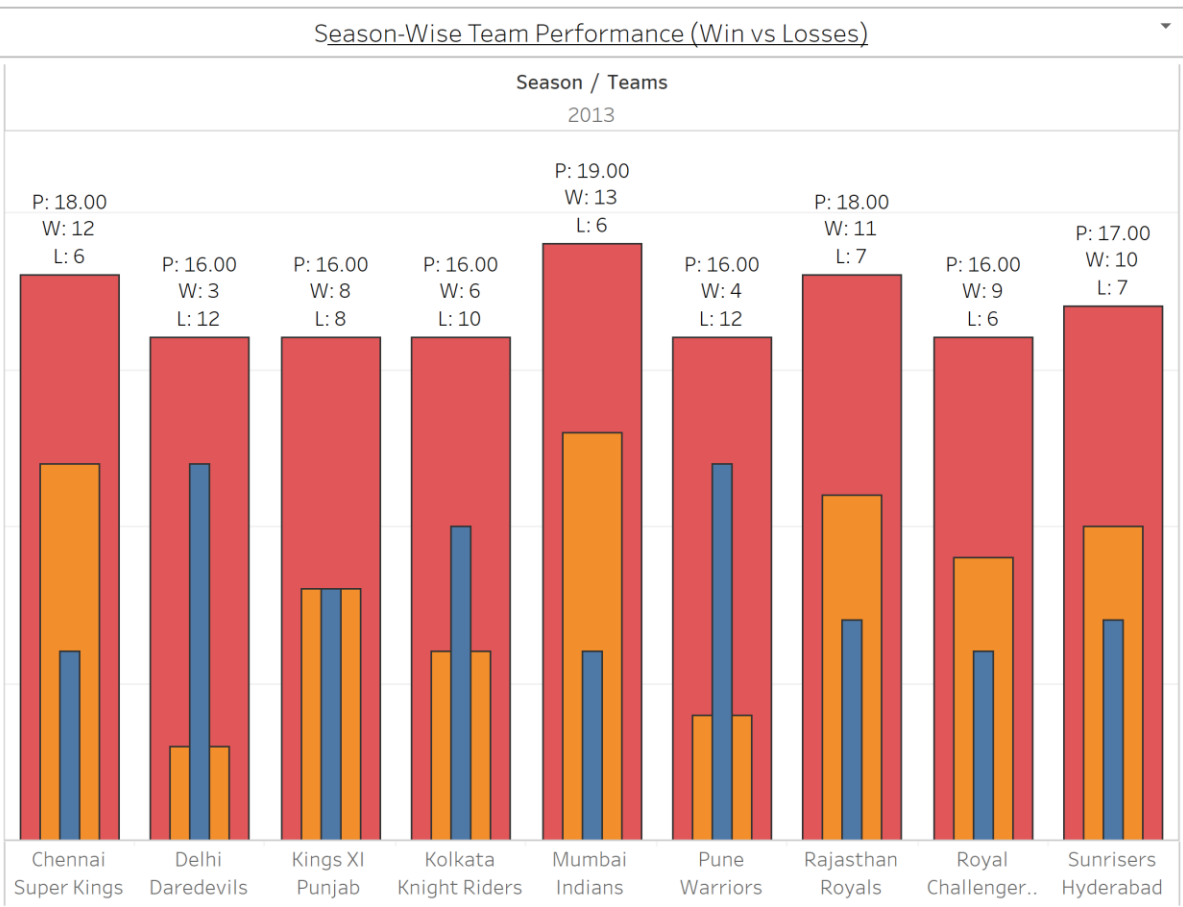
The above dashboard is the complete summary of Team Statistics

Season-Wise Team Performance (Win vs Losses)



The Bar graph besides shows the details of all seasons which gives brief of idea no matches played by a team and out of that how much matches won and lost with a Win/Loss Ratio.

The beside graph shows the season wise performance for the year 2013 which give the comparison of performance between all teams on the basis of Win/Loss Ratio. Here it shows the maximum no of matches won by Mumbai Indians with a Win/Loss Ratio of 2.167.



### Win %age (Home vs Away)

Winner

Home Vs Away	Chennai Super Kings	Deccan Chargers	Delhi Daredevils	Gujarat Lions	Kings XI Punjab	Kochi Tuskers Kerala	Kolkata Knight Riders	Mumbai Indians	Pune Warriors	Rajasthan Royals	Rising Pune Supergiants	Royal Challengers ..	Sunrisers Hyderabad
Away_Win	42.11%	78.57%	45.24%	72.73%	48.08%	60.00%	40.32%	43.04%	55.56%	32.61%	61.54%	47.37%	35.48%
Home_Win	57.89%	21.43%	54.76%	27.27%	51.92%	40.00%	59.68%	56.96%	44.44%	67.39%	38.46%	52.63%	64.52%

- The Above graph gives the clear idea of comparison between Win %age of Home vs Away matches.
- Rajasthan Royals has best of record of Home Win at 67.39%
- Deccan Chargers has best record of Away Win at 78.57% followed by Gujarat Lions at 72.73%

Thank You