Indian Premier League

ANALYSIS USING TABLEAU

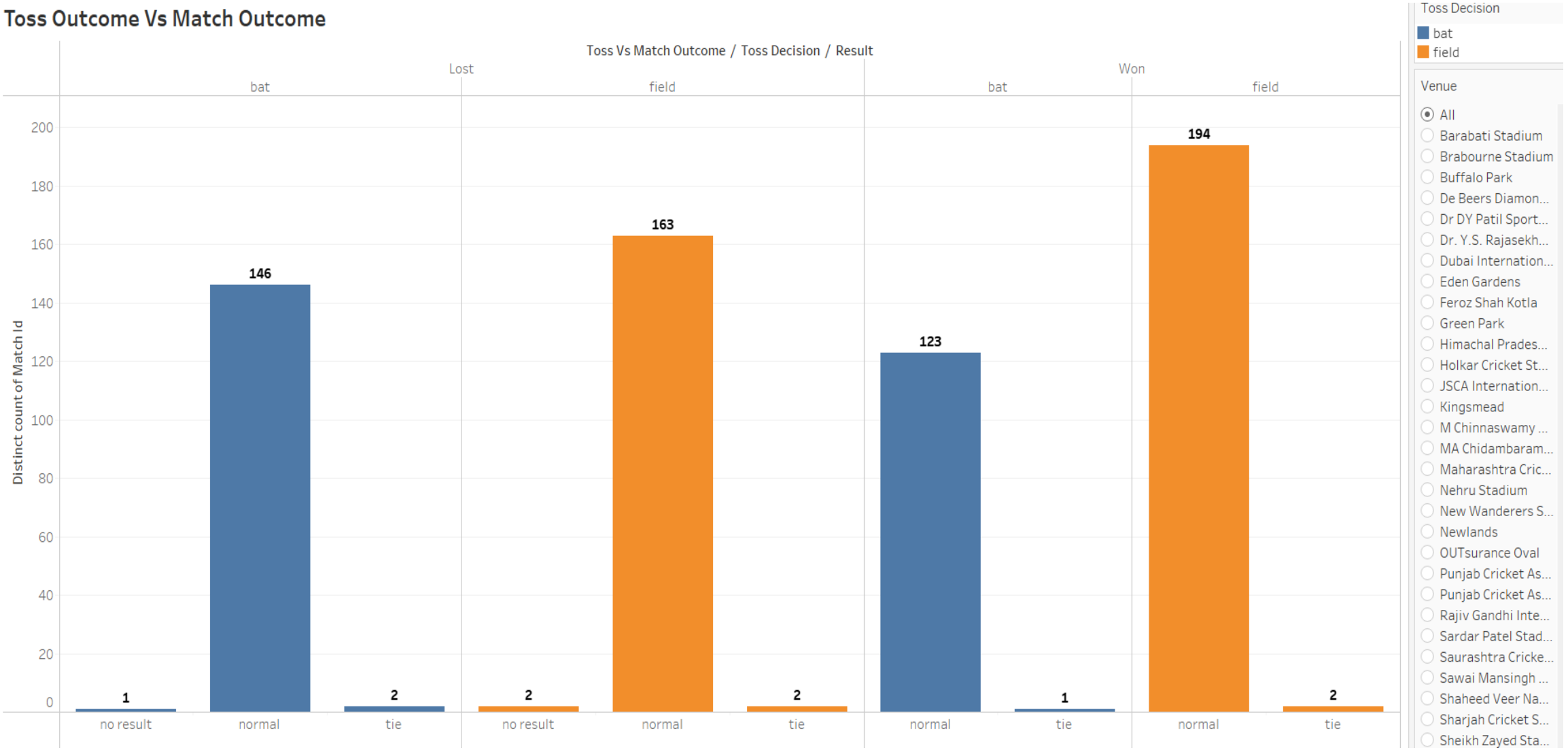
Background

The Indian Premier League, or IPL, is a T20 cricket league, which was founded in 2008 and is held every year. It sees participation from both national and international players, and eight teams representing eight Indian cities compete with each other in a double round-robin format in the league stages, which are followed by playoffs. Over the years, IPL has become one of the most-watched and most attended live sporting events all over the world.

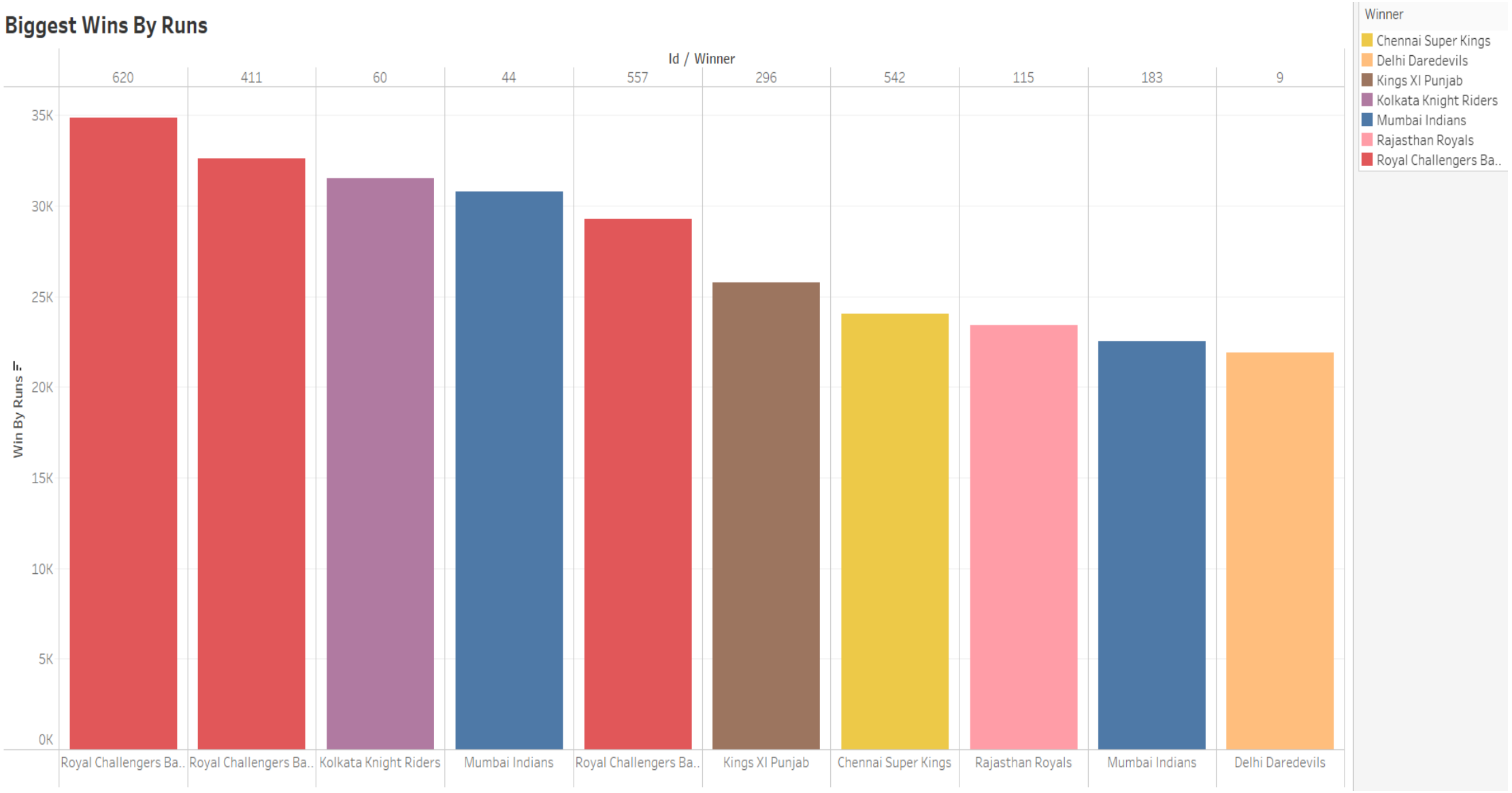
You work as a data analyst at IFP, a nationally recognized news agency, which is based out of New Delhi, and provides news reports and feeds to magazines, newspapers and TV broadcasters all over the country. The Sports Editor of the agency has approached you to build a Tableau dashboard of IPL statistics over the years since its inception in order to create an infographic for a newsletter that their team is working on. For this newsletter, in some cases, they will use the visual representations as you have created in Tableau directly for their infographic, and in a few other cases, they will use important statistics after trying out the different filters and customizations that you have provided for interactivity. Therefore, you are expected to build an interactive dashboard in Tableau for this purpose.

You need to use the following two data set files:

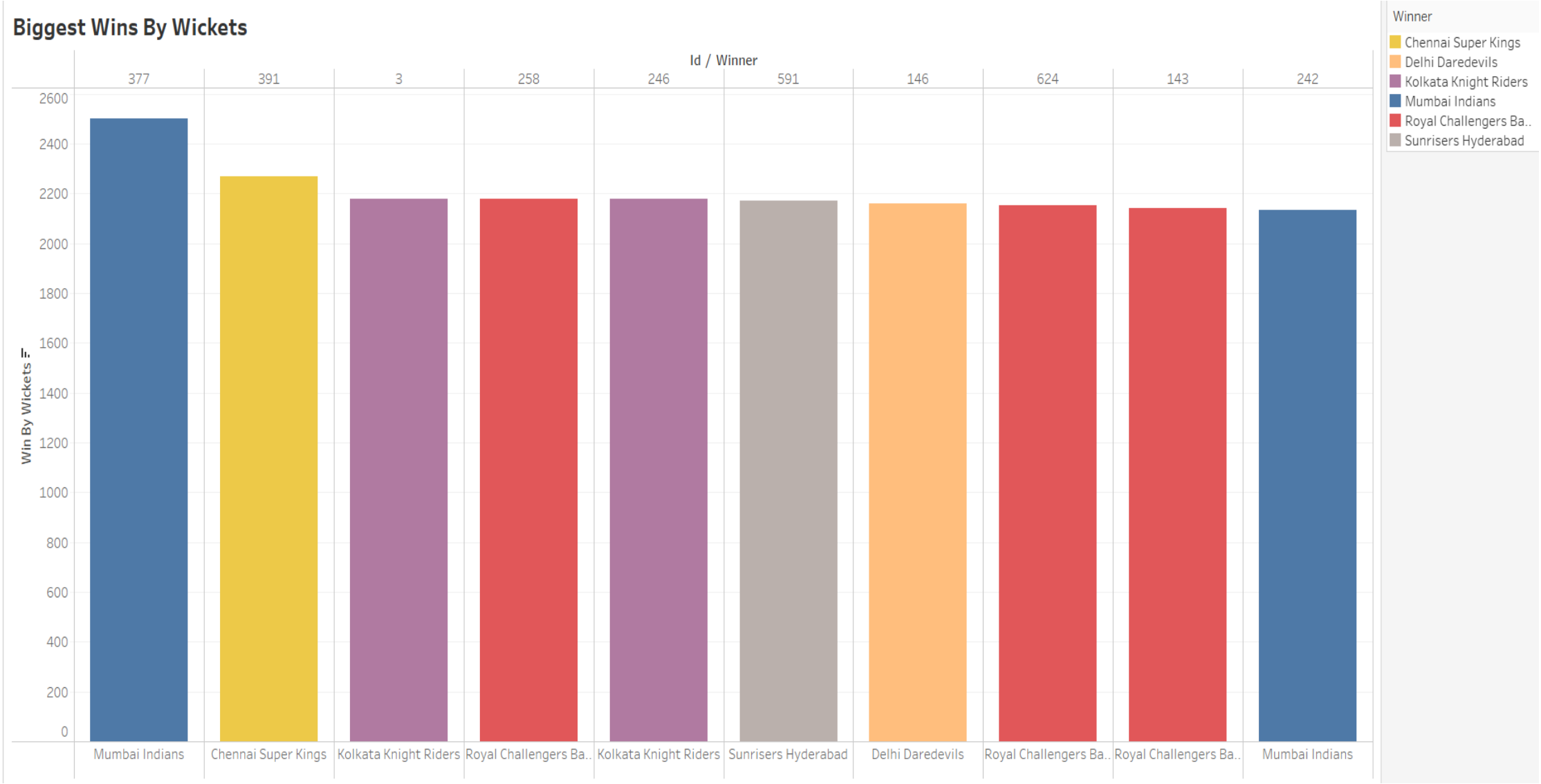
- matches.csv - It contains match-level information for each and every match held in IPL from 2008 to 2017.
- deliveries.csv - It contains ball-by-ball information for each of the matches.



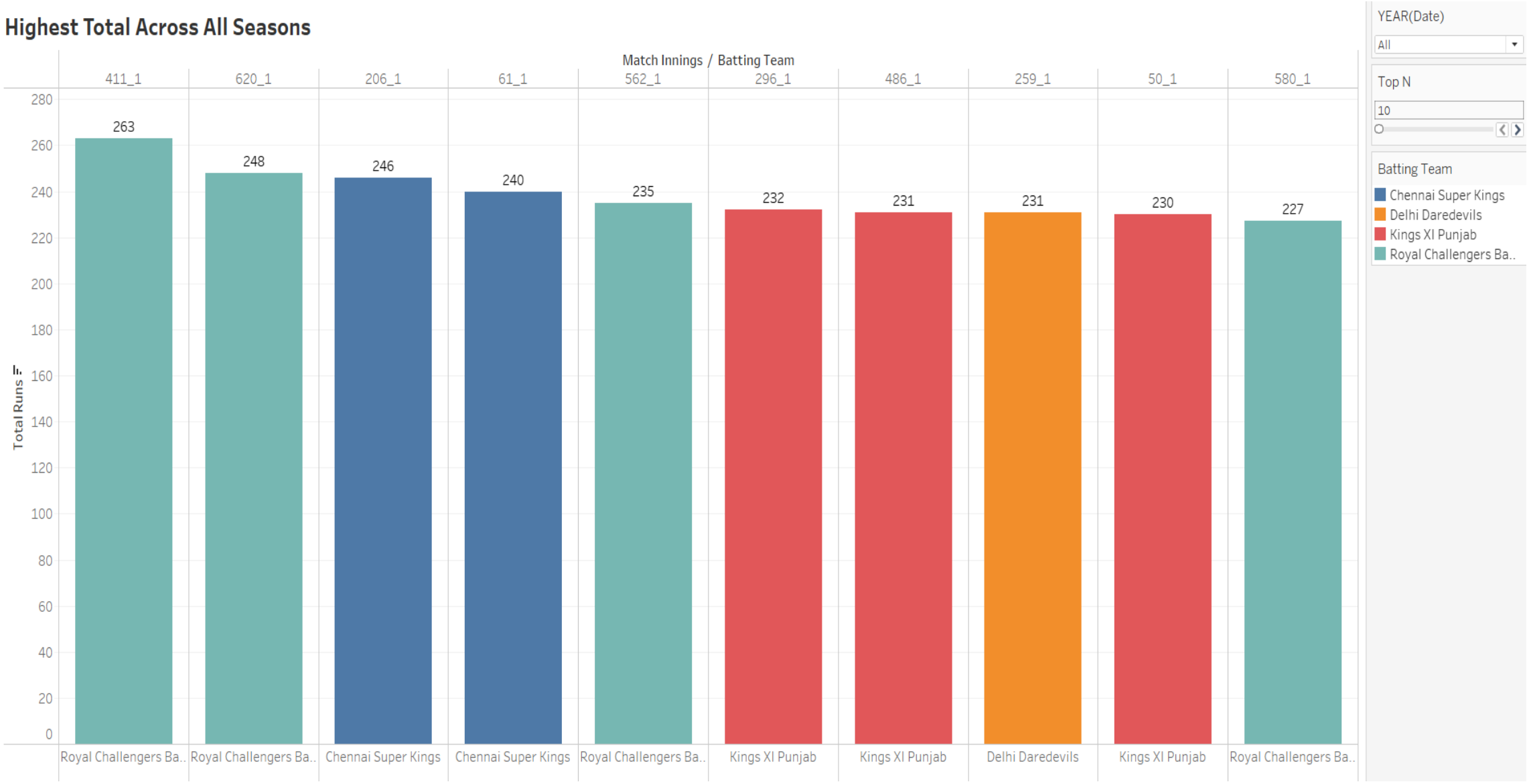
Toss vs Match outcome for each Ground/venue



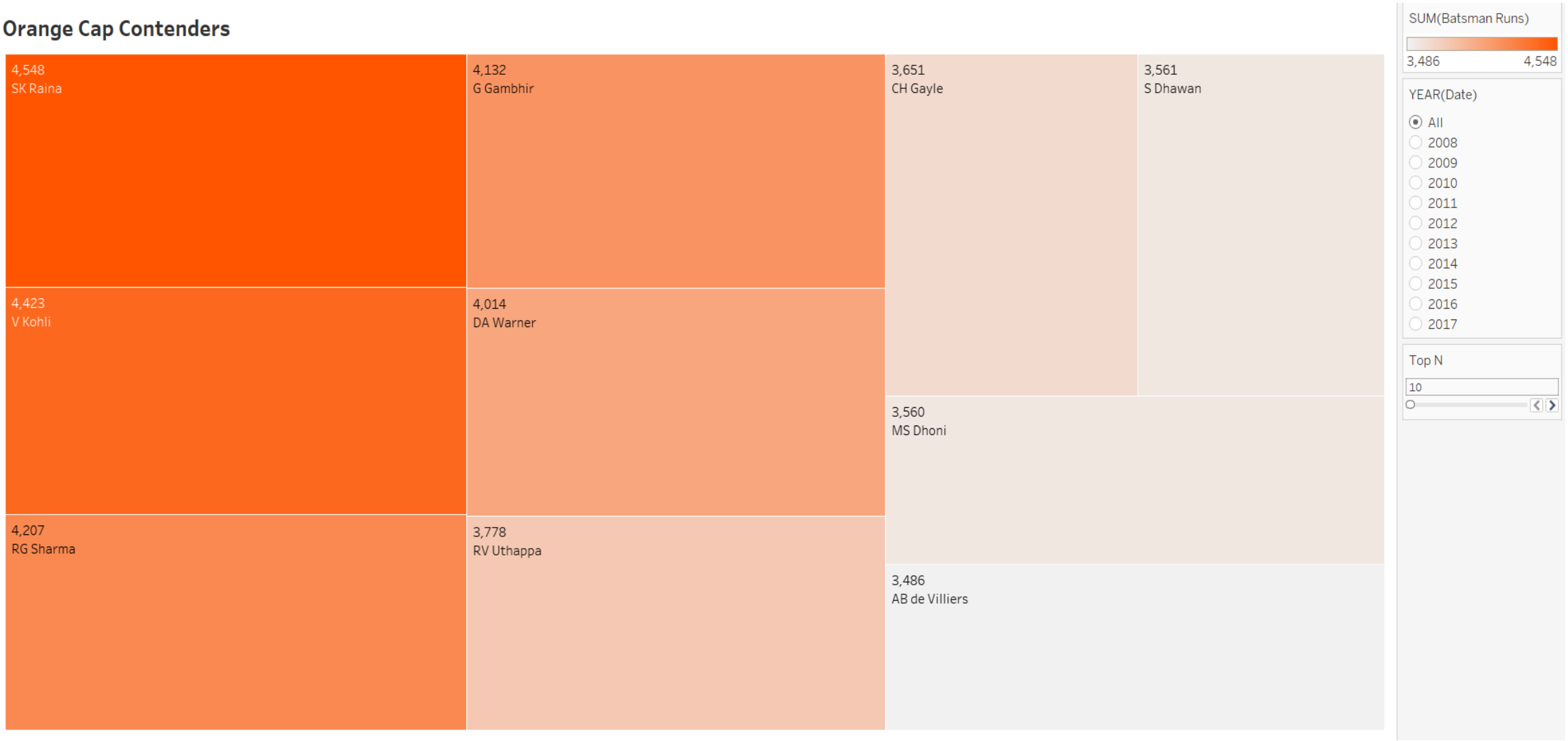
Biggest wins by Runs



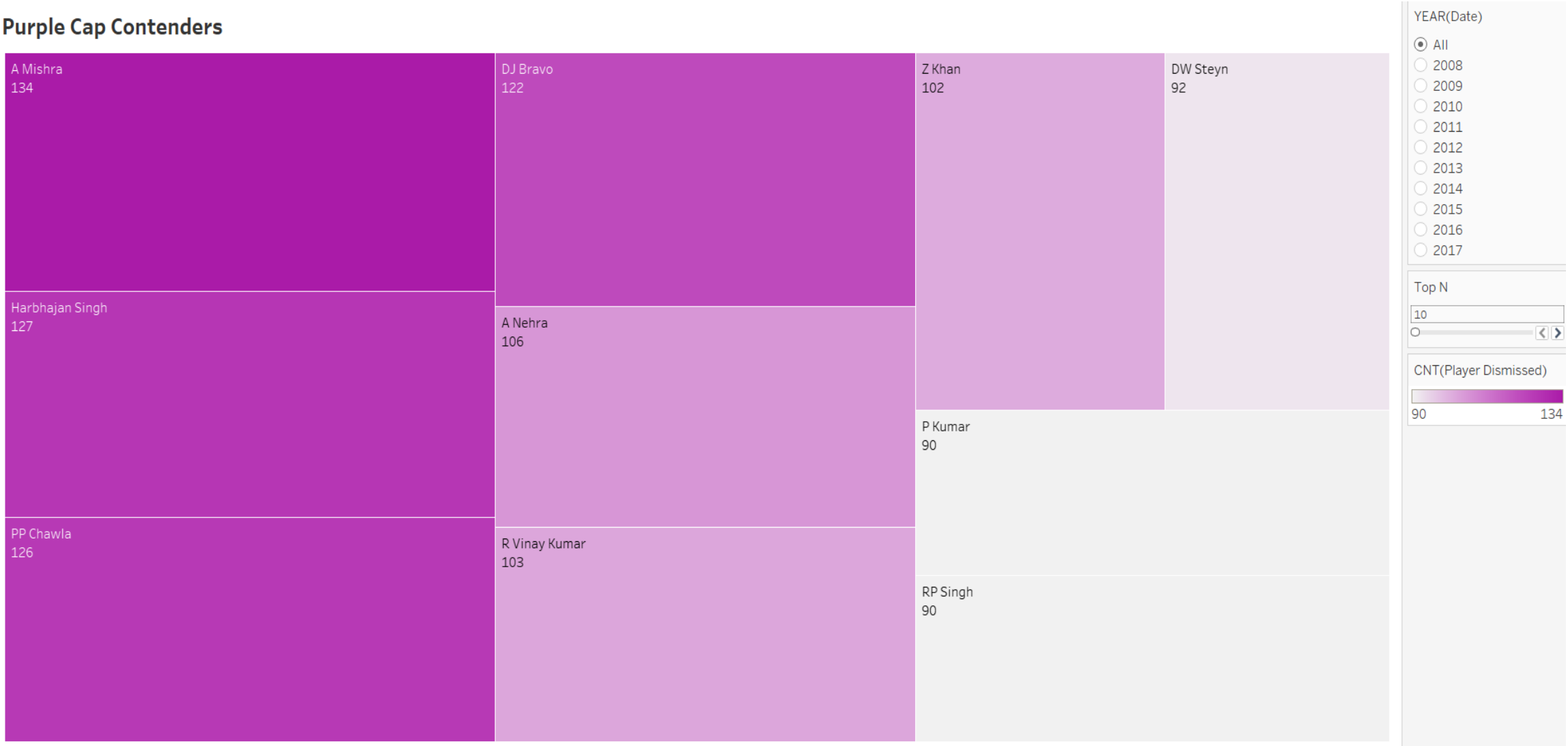
Biggest wins by wickets



Highest total across all seasons

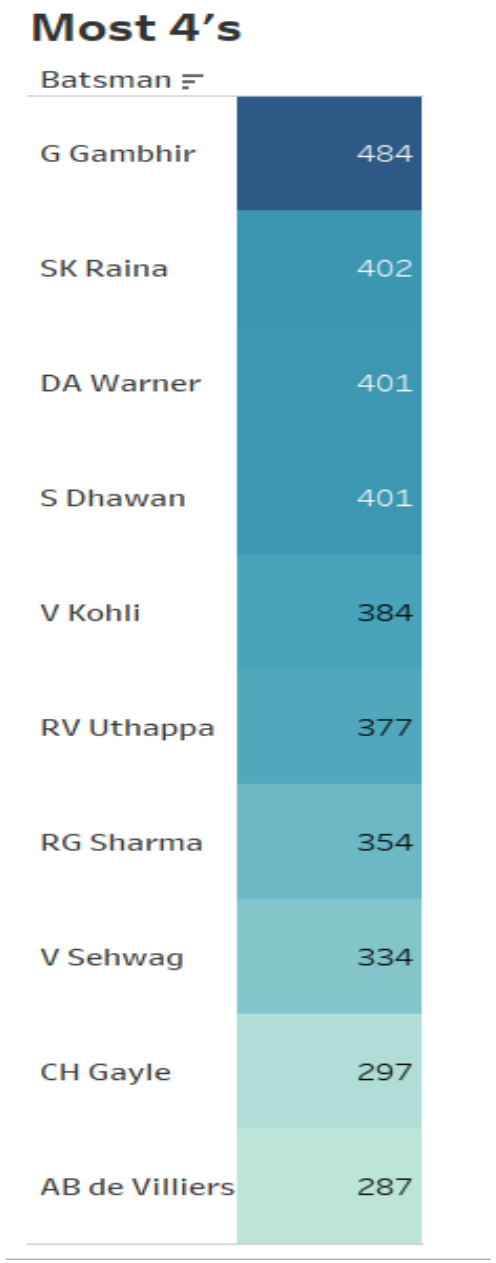


Orange cap contenders (The batsmen who have scored the maximum number of runs in a particular season)

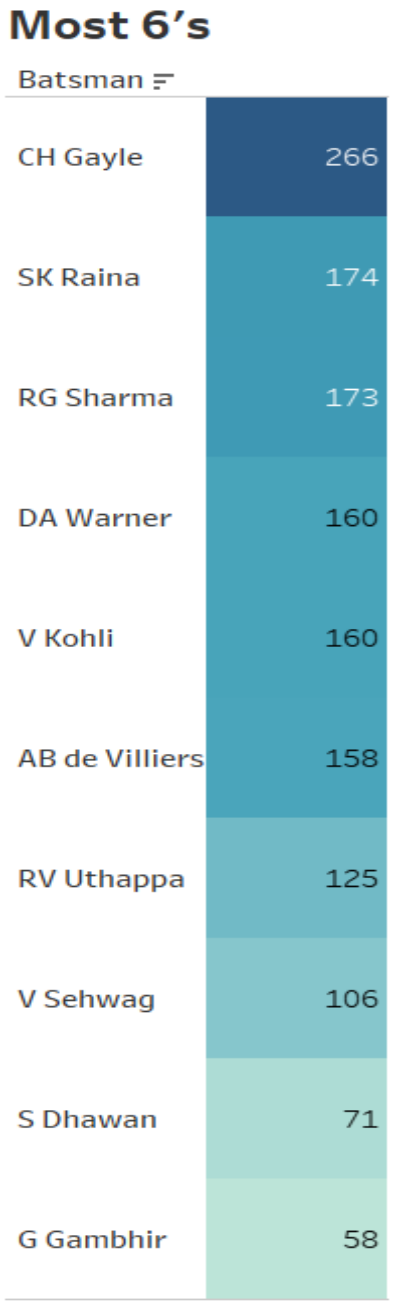


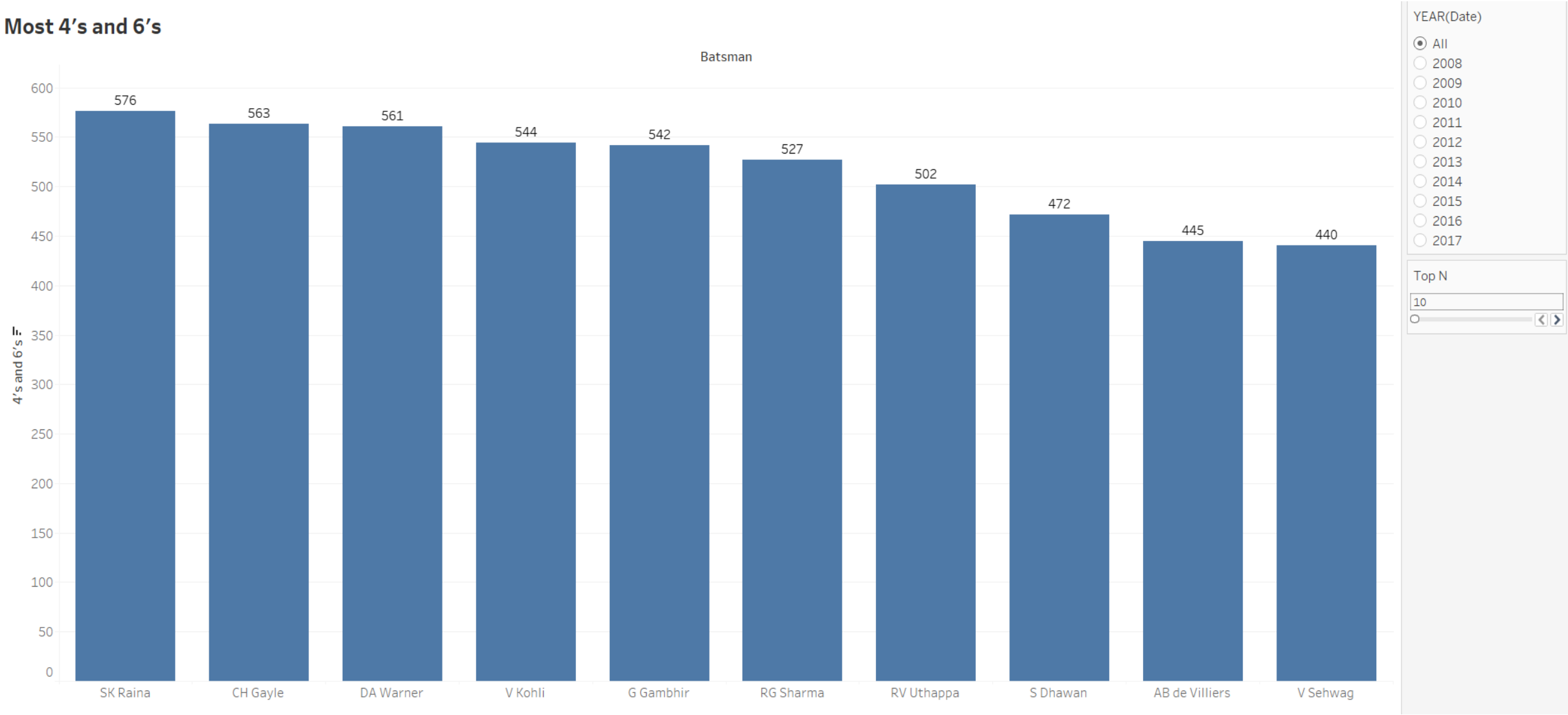
Purple cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)

The batsmen who have hit the most number of fours

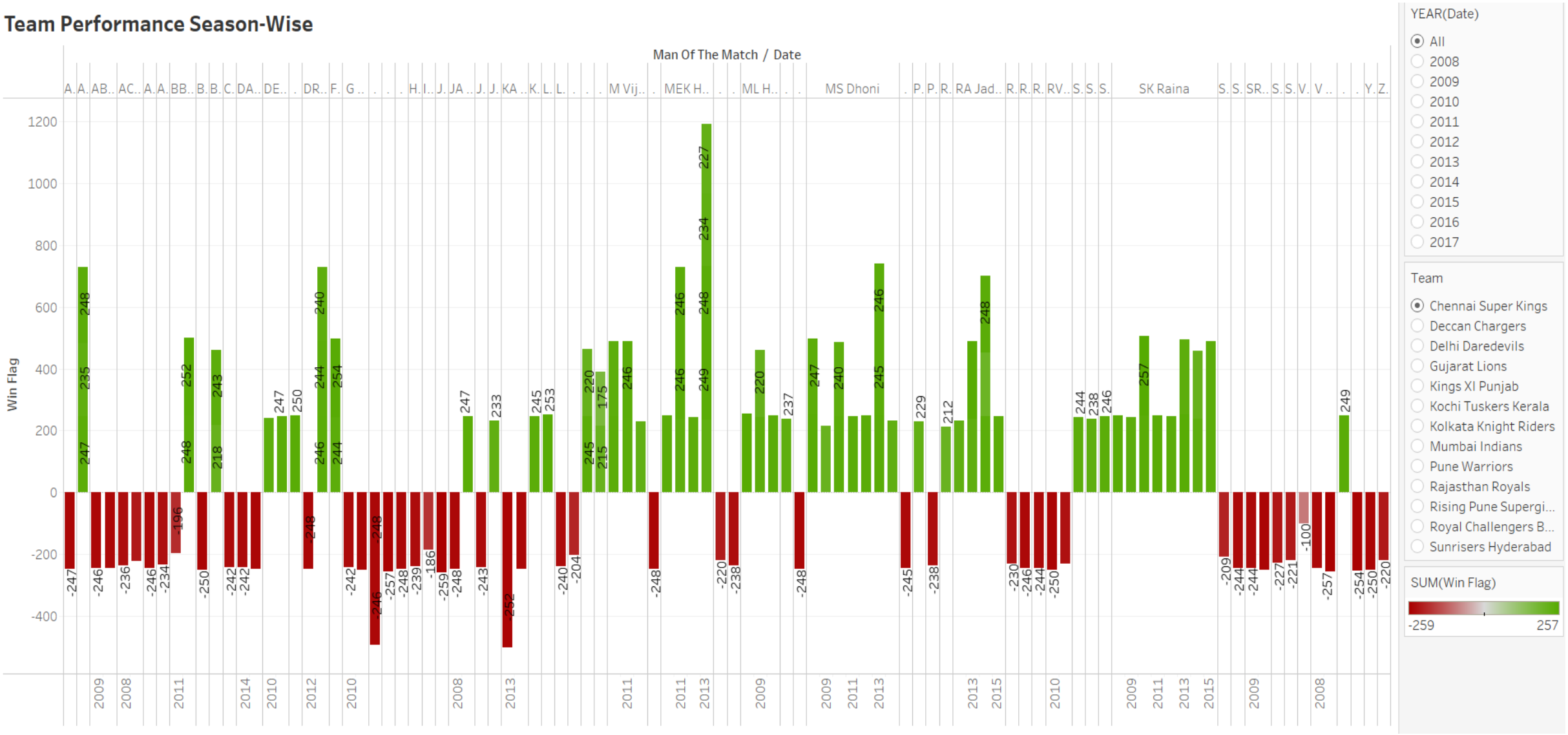


The batsmen who have hit the most number of sixes

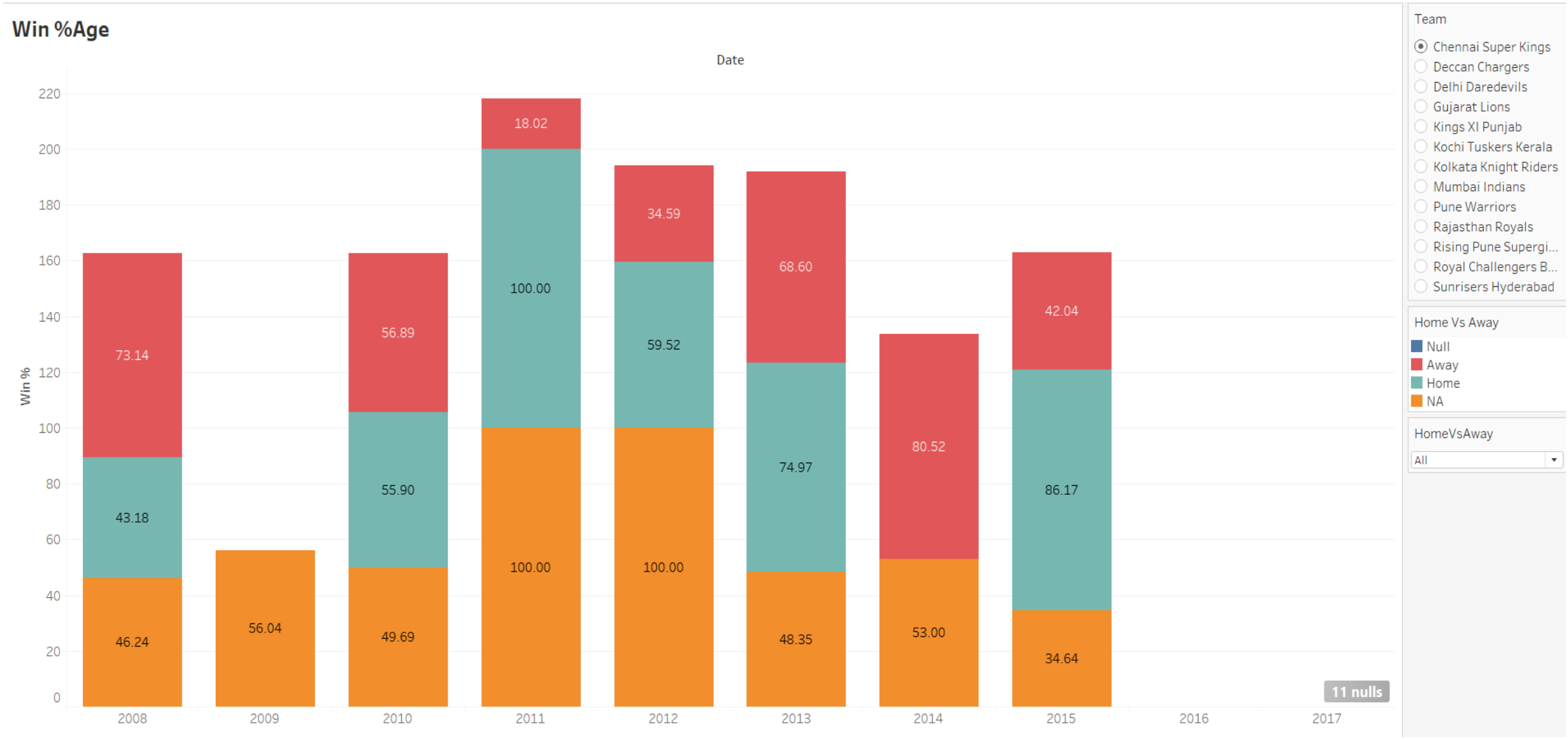




Batsmen who have hit the most number of fours and sixes (per season and overall)



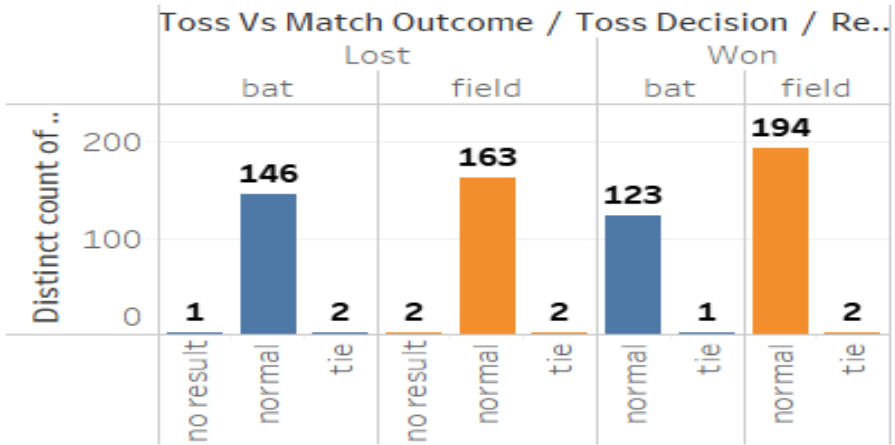
Team performance season-wise (wins vs losses)



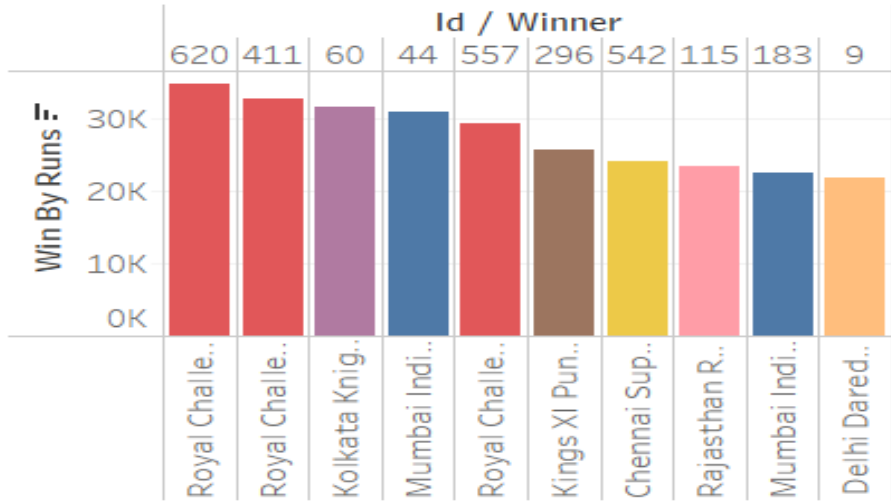
Win percentage (home vs away ground)

Match Statistics

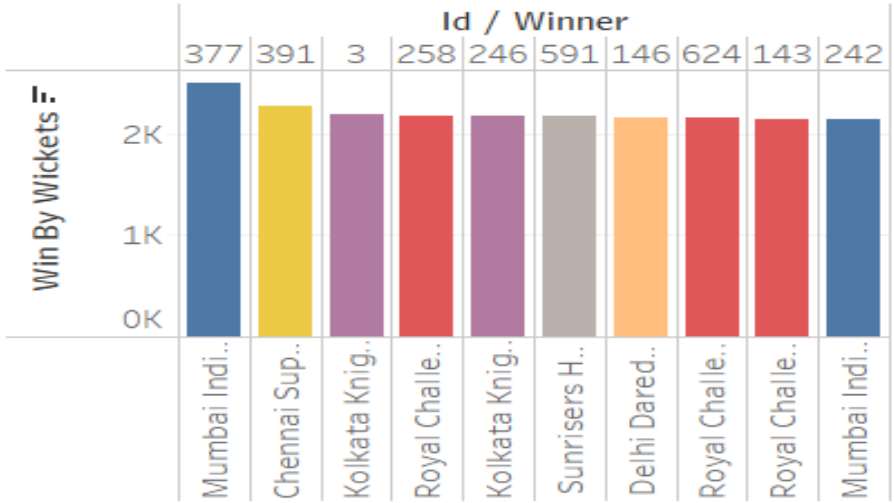
Toss Outcome Vs Match Outcome



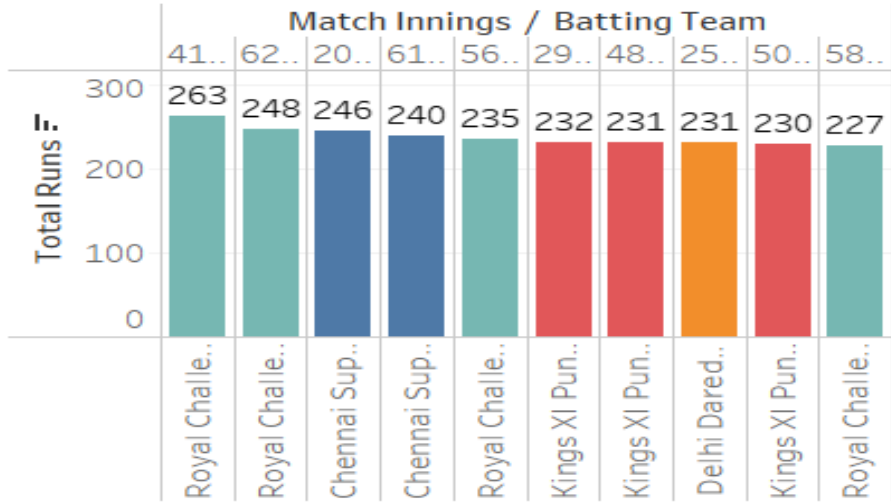
Biggest Wins By Runs

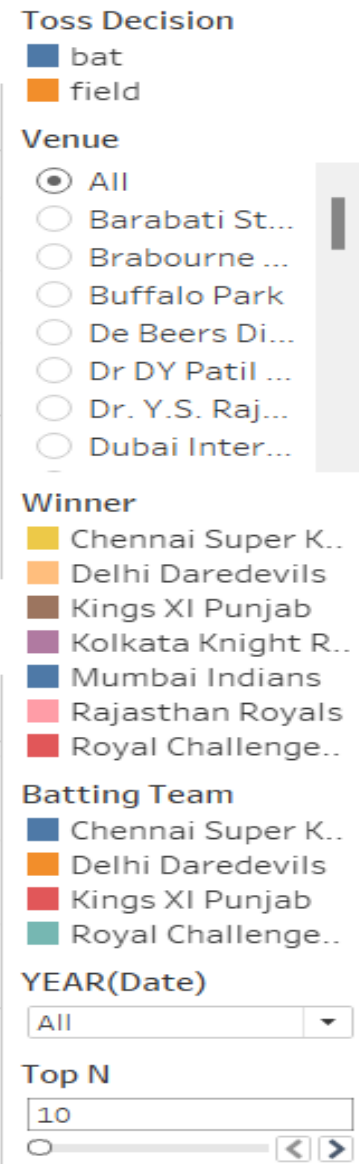


Biggest Wins By Wickets



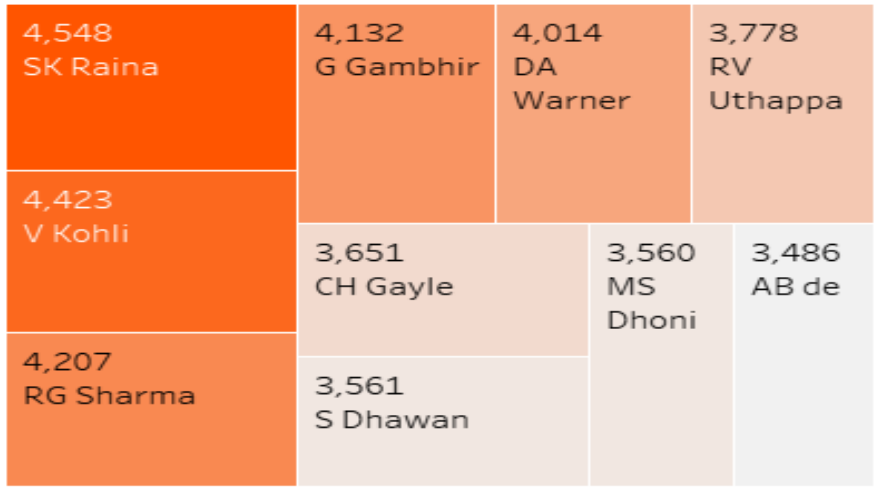
Highest Total Across All Seasons



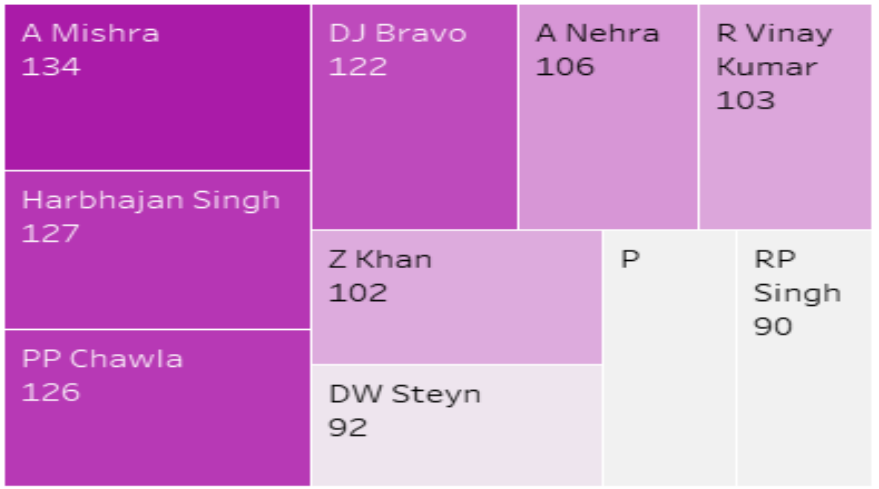


Player Statistics

Orange Cap Contenders



Purple Cap Contenders



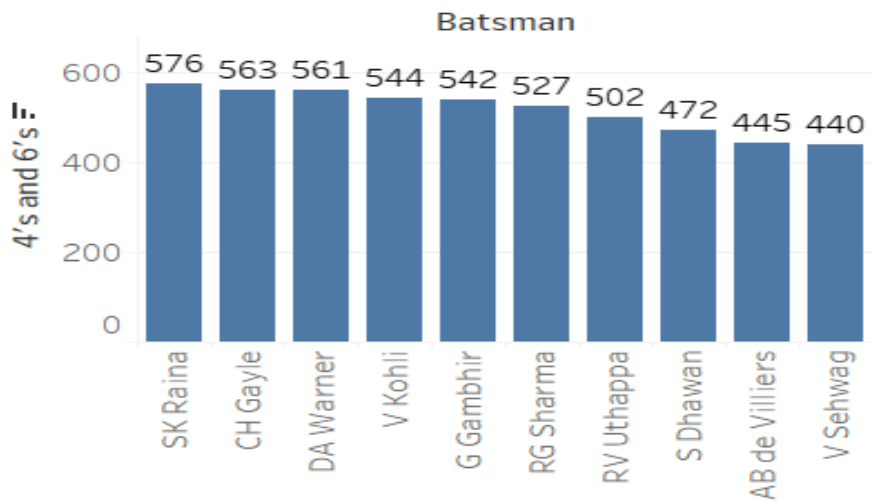
Batsman Runs

3,486 — 4,548

YEAR(Date)

- (•) All
- ( ) 2008
- ( ) 2009
- ( ) 2010
- ( ) 2011
- ( ) 2012
- ( ) 2013
- ( ) 2014
- ( ) 2015
- ( ) 2016
- ( ) 2017

Most 4's and 6's



Most 4's

Batsman	
G Gambhir	484
SK Raina	402
DA Warner	401
S Dhawan	401
V Kohli	384
RV Uthappa	377
RG Sharma	354
V Sehwag	334
CH Gayle	297
AB de Villiers	287

Most 6's

Batsman	
CH Gayle	266
SK Raina	174
RG Sharma	173
DA Warner	160
V Kohli	160
AB de Villiers	158
RV Uthappa	125
V Sehwag	106
S Dhawan	71
G Gambhir	58

Top N

10

Count of Player Dismi..

90 — 134

Fours

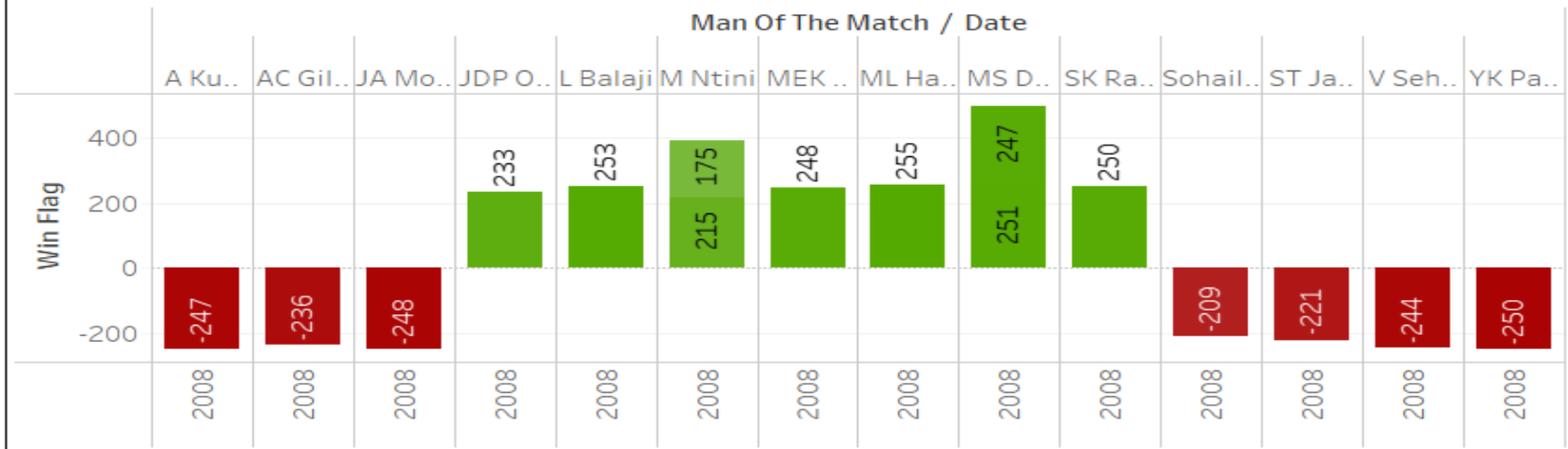
287 — 484

Sixes

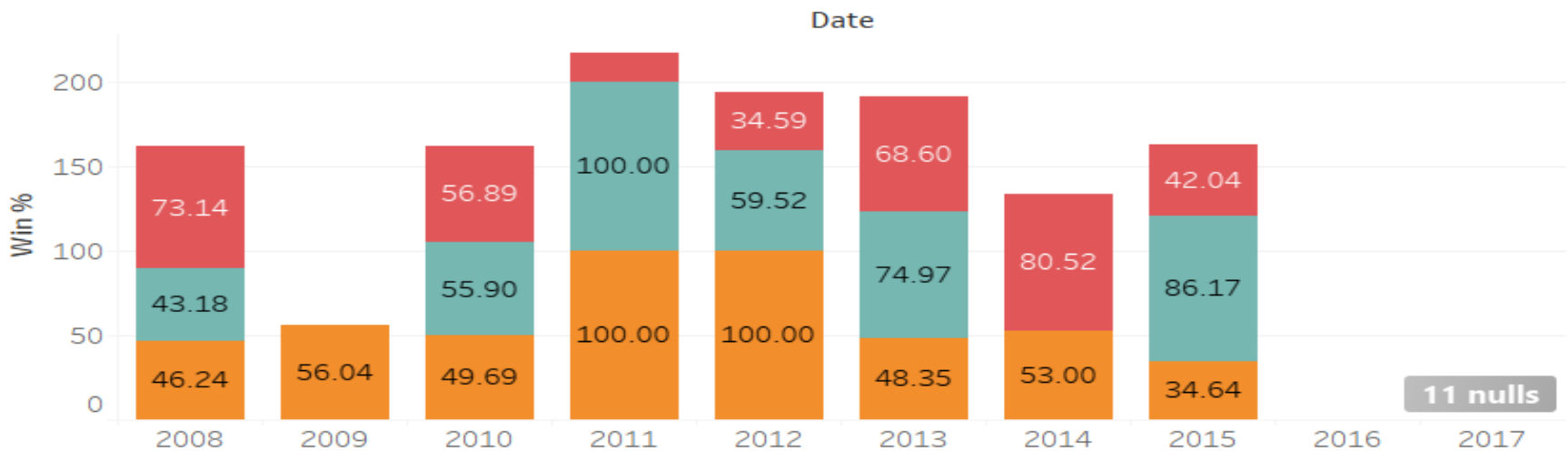
58 — 266

Team Statistics

Team Performance Season-Wise



Win %Age



Win Flag
-250 255

YEAR(Date)
All
2008
2009
2010
2011
2012
2013
2014
2015

Team
Chennai S...
Deccan C...
Delhi Dar...
Gujarat Li...
Kings XI P...
Kochi Tus...
Kolkata K...
Mumbai I...
Pune War...

HomeVsAway
All

Home Vs Away
Null
Away
Home
NA