



Indian Premier League

ANALYSIS USING TABLEAU

Background

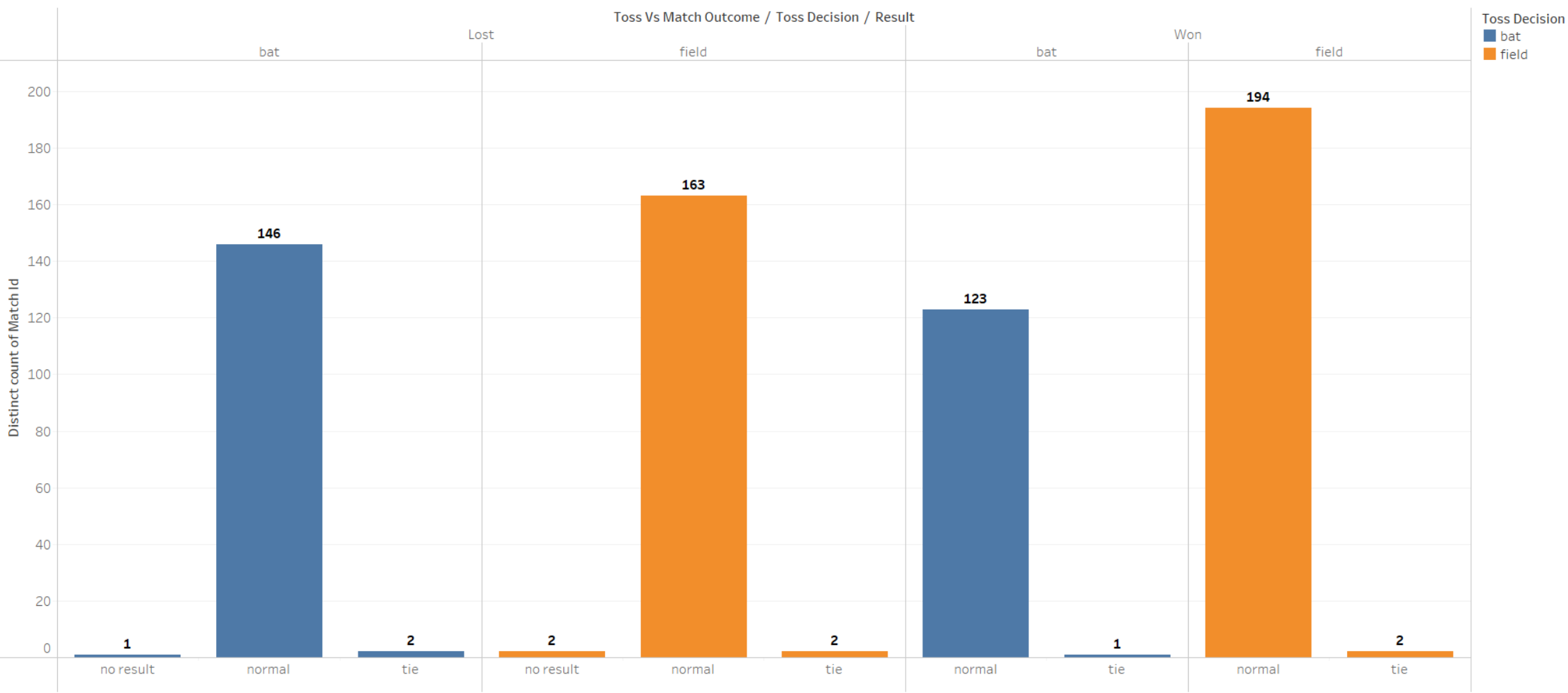
The Indian Premier League, or IPL, is a T20 cricket league, which was founded in 2008 and is held every year. It sees participation from both national and international players, and eight teams representing eight Indian cities compete with each other in a double round-robin format in the league stages, 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:

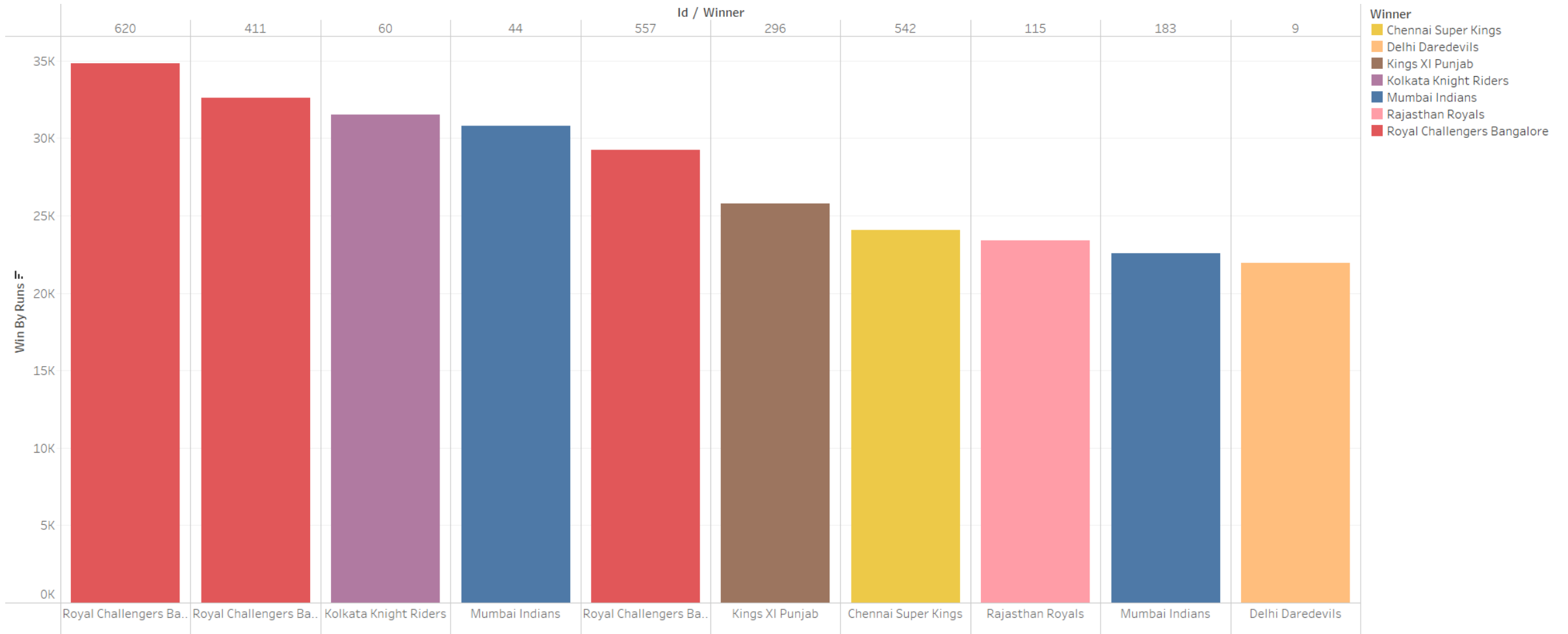
- matches.csv - It contains match-level information for each and every match held in IPL from 2008 to 2017.
- deliveries.csv - It contains ball-by-ball information for each of the matches.

Toss Outcome Vs Match Outcome



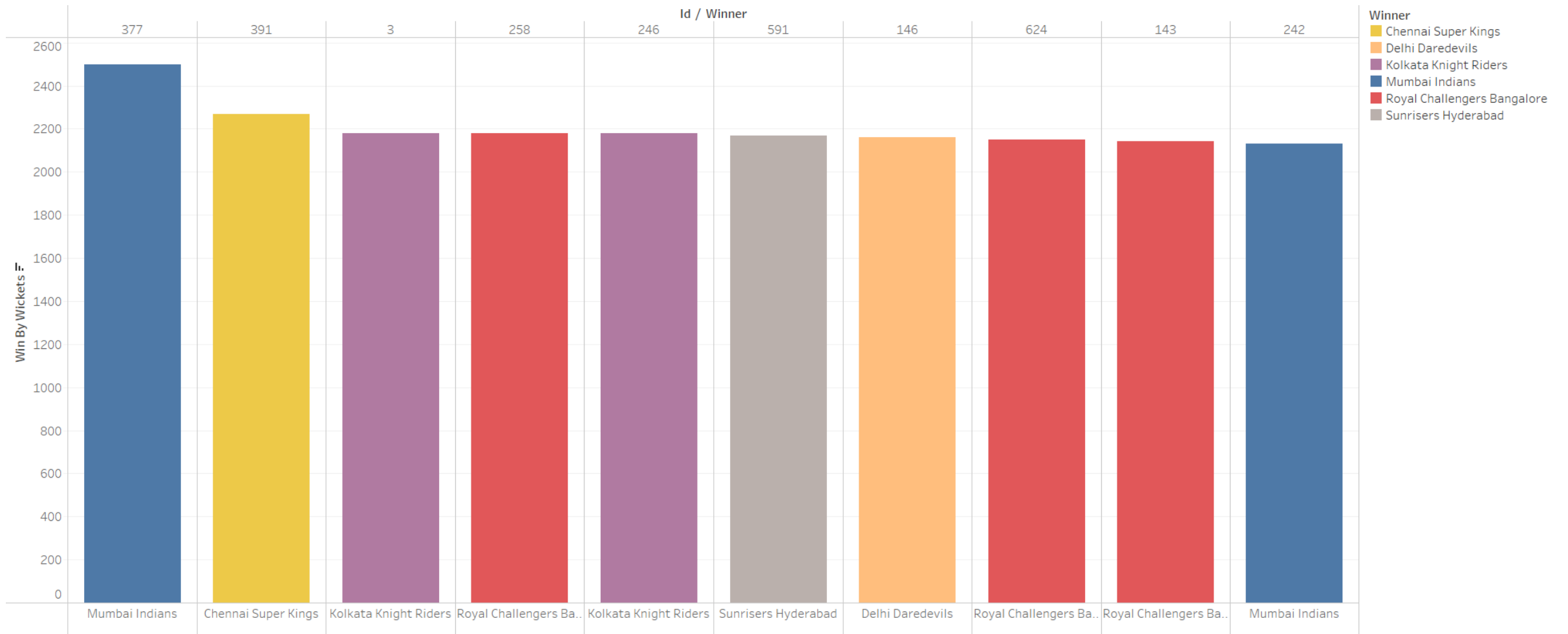
Distinct count of Match Id for each Result broken down by Toss Vs Match Outcome and Toss Decision. Color shows details about Toss Decision. Details are shown for Toss Decision. The data is filtered on venue , which keeps True.

Toss vs Match outcome for each Ground/venue



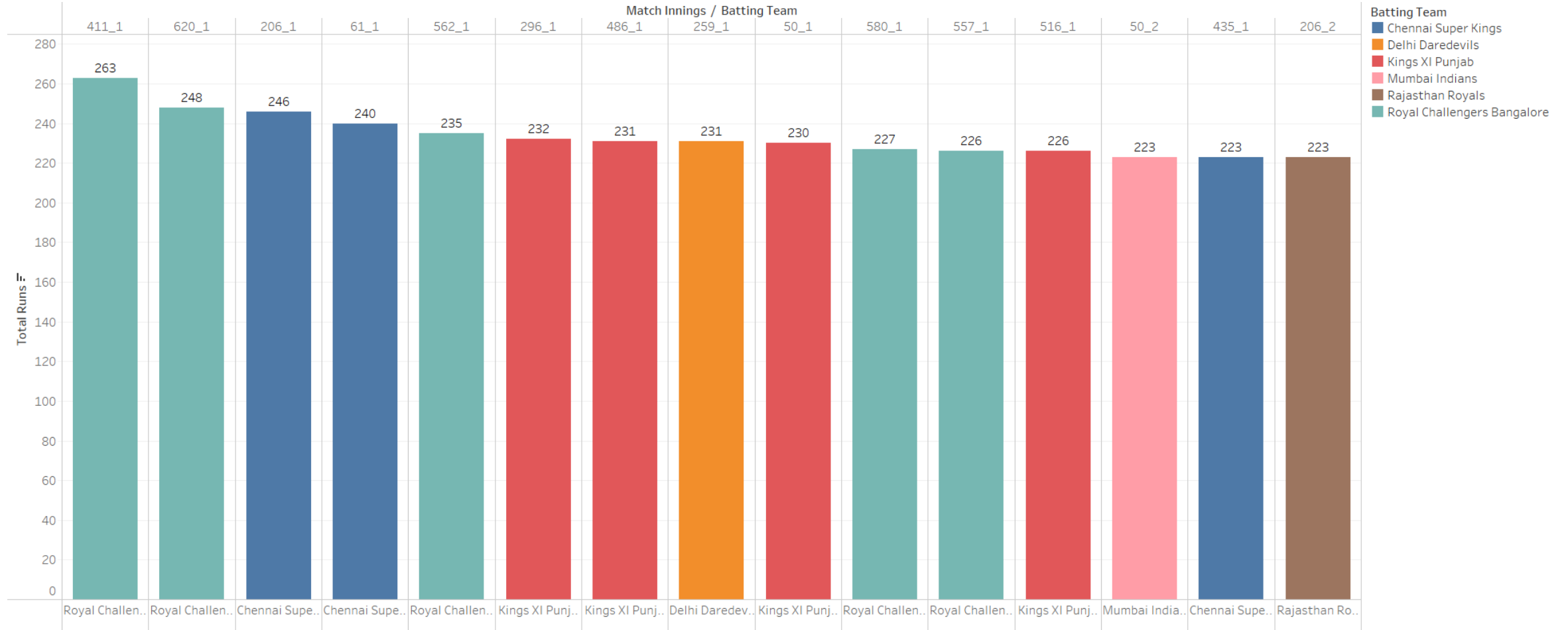
Sum of Win By Runs for each Winner broken down by Id. Color shows details about Winner. The view is filtered on Id, which keeps 10 of 636 members.

Biggest wins by Runs

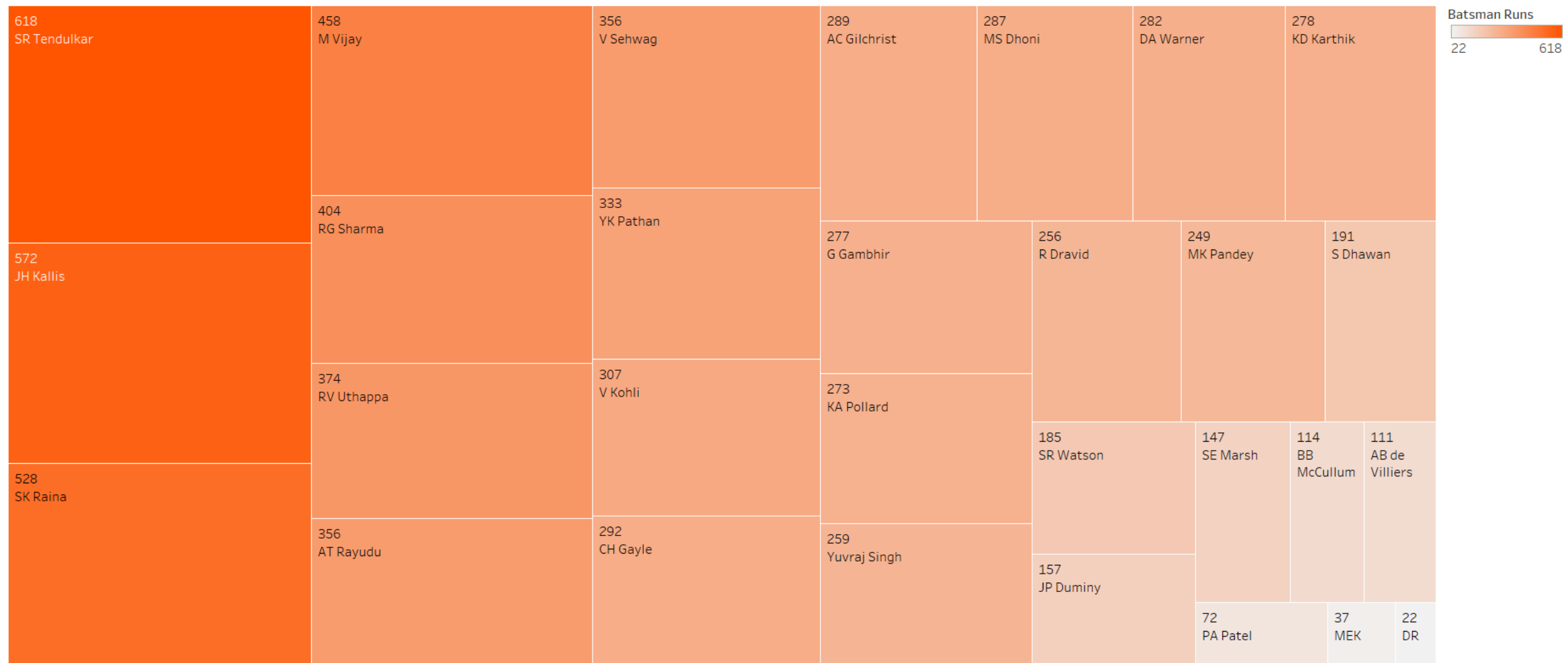


Sum of Win By Wickets for each Winner broken down by Id. Color shows details about Winner. The view is filtered on Id, which keeps 10 of 636 members.

Biggest wins by wickets

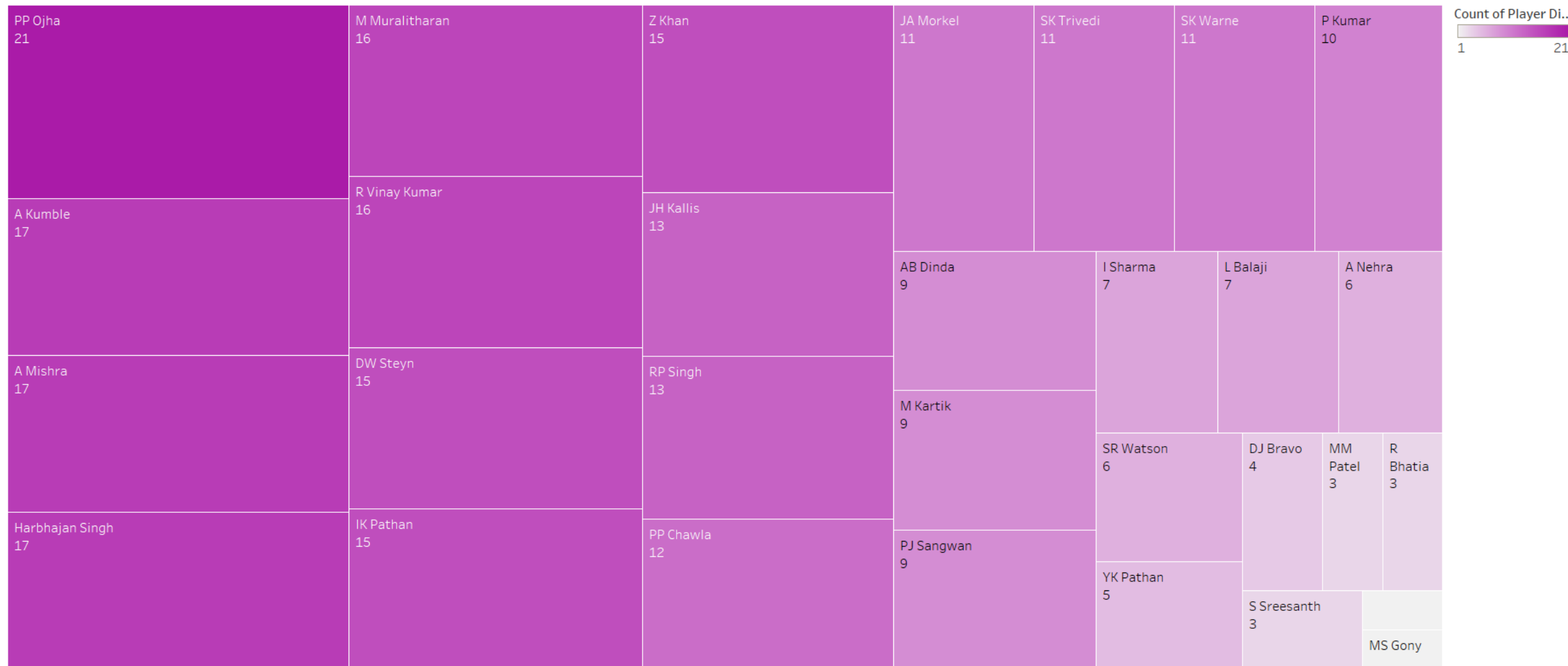


Highest total across all seasons



Sum of Batsman Runs and Batsman. Color shows sum of Batsman Runs. Size shows sum of Batsman Runs. The marks are labeled by sum of Batsman Runs and Batsman. The data is filtered on Batting Team and YEAR. The Batting Team filter keeps 13 of 13 members. The YEAR filter keeps True. The view is filtered on Batsman, which keeps 30 of 461 members.

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

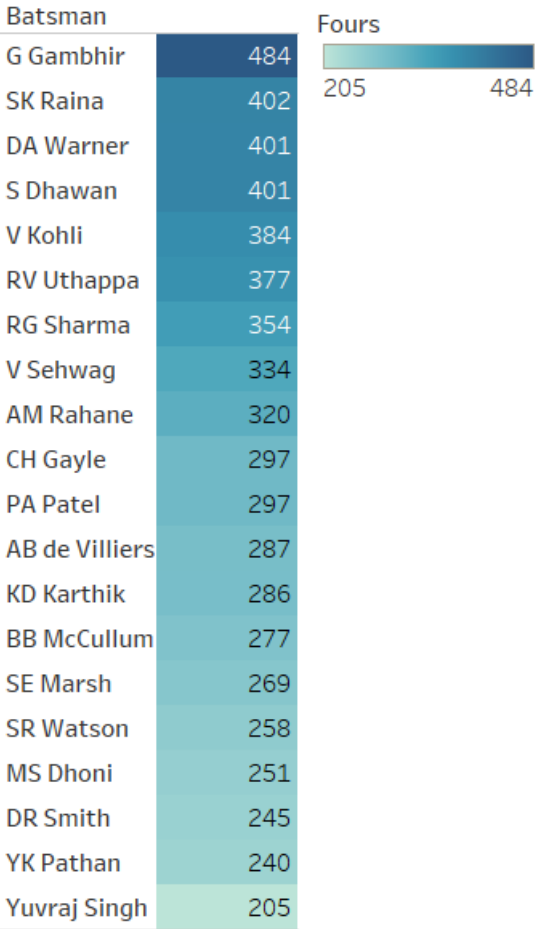


Bowler and count of Player Dismissed. Color shows count of Player Dismissed. Size shows count of Player Dismissed. The marks are labeled by Bowler and count of Player Dismissed. The data is filtered on YEAR and Dismissal Kind. The YEAR filter keeps True. The Dismissal Kind filter keeps 6 of 10 members. The view is filtered on Bowler, which keeps 30 of 356 members.

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

Most 4's



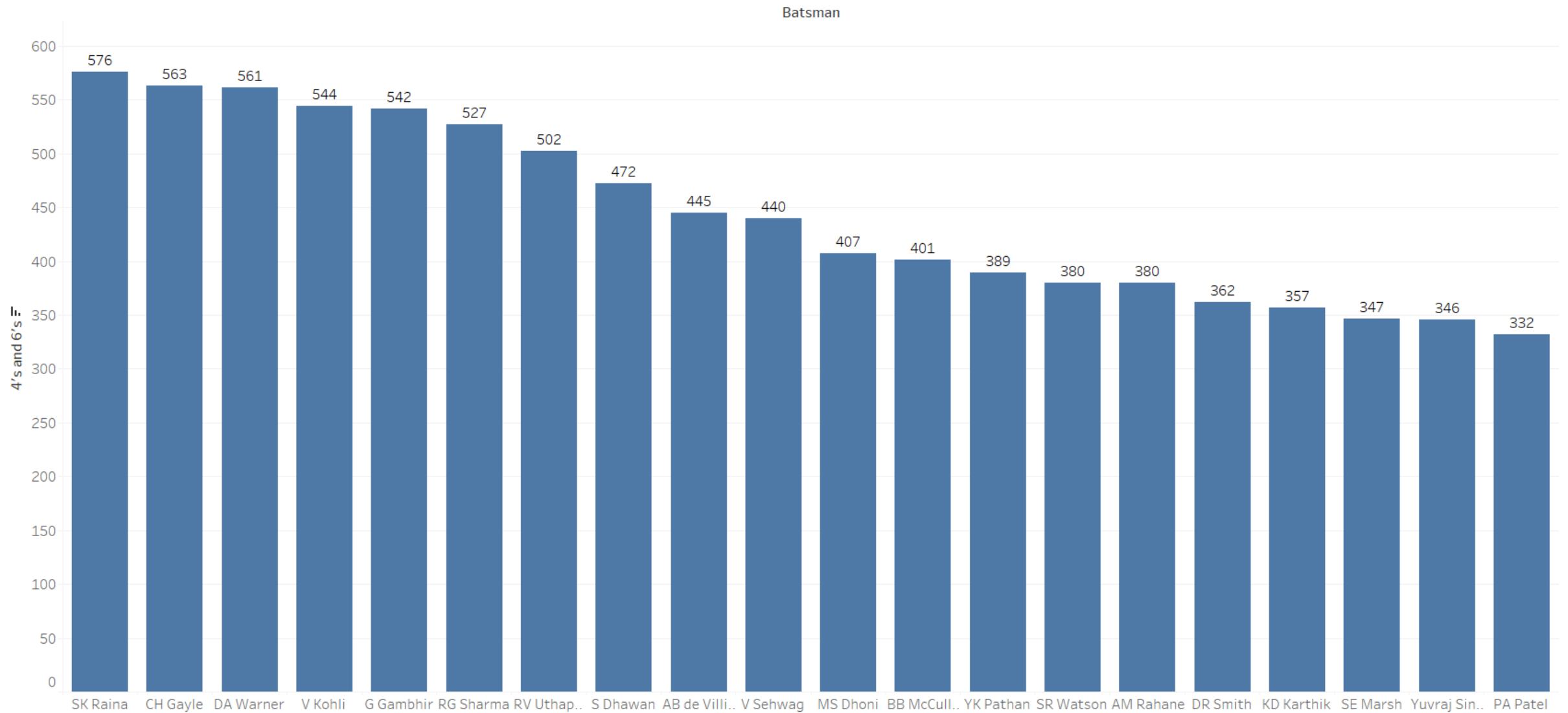
Fours broken down by Batsman. Color shows Fours. The marks are labeled by Fours. The data is filtered on YEAR, which keeps True. The view is filtered on Batsman, which keeps 20 of 461 members.

The batsmen who have hit the most number of sixes

Most 6's

Batsman	Sixes
CH Gayle	266
SK Raina	174
RG Sharma	173
DA Warner	160
V Kohli	160
AB de Villiers	158
MS Dhoni	156
YK Pathan	149
Yuvraj Singh	141
RV Uthappa	125
BB McCullum	124
SR Watson	122
DR Smith	117
V Sehwag	106
SE Marsh	78
KD Karthik	71
S Dhawan	71
AM Rahane	60
G Gambhir	58
PA Patel	35

Sixes broken down by Batsman. Color shows Sixes. The marks are labeled by Sixes. The data is filtered on YEAR, which keeps True. The view is filtered on Batsman, which keeps 20 of 461 members.



4's and 6's for each Batsman. The data is filtered on YEAR, which keeps True. The view is filtered on Batsman, which keeps 20 of 461 members.

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



Sum of Win Flag for each Date Year broken down by Man Of The Match. Color shows sum of Win Flag. Details are shown for Id. The data is filtered on YEAR, which keeps True. The view is filtered on Man Of The Match, which excludes Null.

Team performance season-wise (wins vs losses)

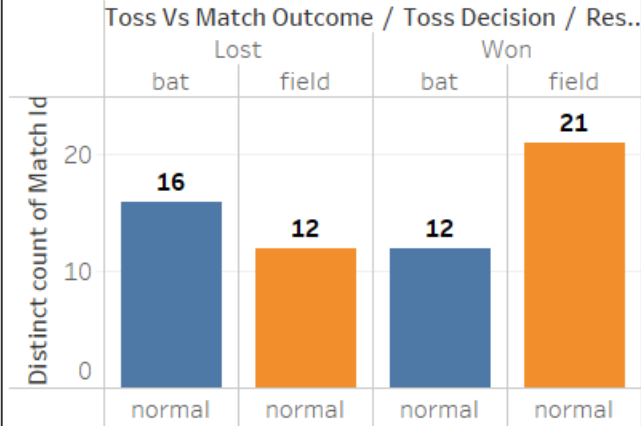


Win % for each Date Year. Color shows details about Home Vs Away. The marks are labeled by Win %. The data is filtered on Home_Vs_Away, which keeps True.

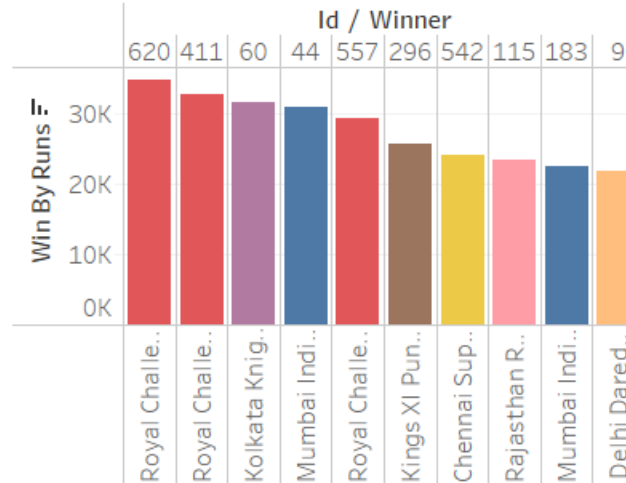
Win percentage (home vs away ground)

Match Statistics

Toss Outcome Vs Match Outcome



Biggest Wins By Runs



Toss Decision

bat

field

Venue

All

Barabati Stadium

Brabourne Stadi..

Buffalo Park

De Beers Diamon..

Dr DY Patil Sport..

Dr. Y.S. Rajasekh..

Dubai Internatio..

Eden Gardens

Feroz Shah Kotla

Winner

Chennai Super Ki..

Delhi Daredevils

Kings XI Punjab

Kolkata Knight R..

Mumbai Indians

Rajasthan Royals

Royal Challenger..

Batting Team

Chennai Super Ki..

Mumbai Indians

Rajasthan Royals

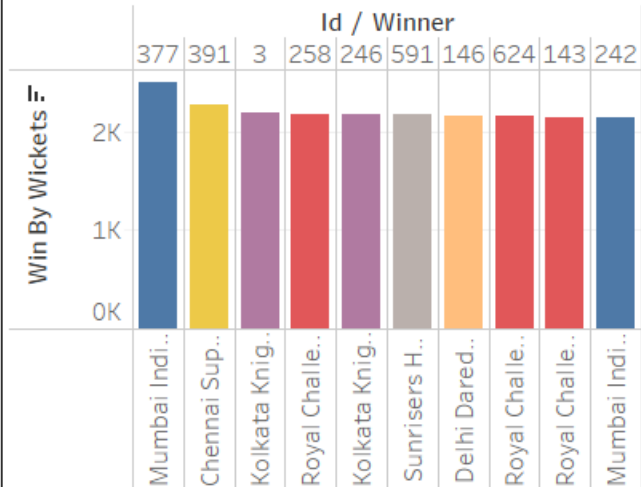
YEAR(Date)

2010

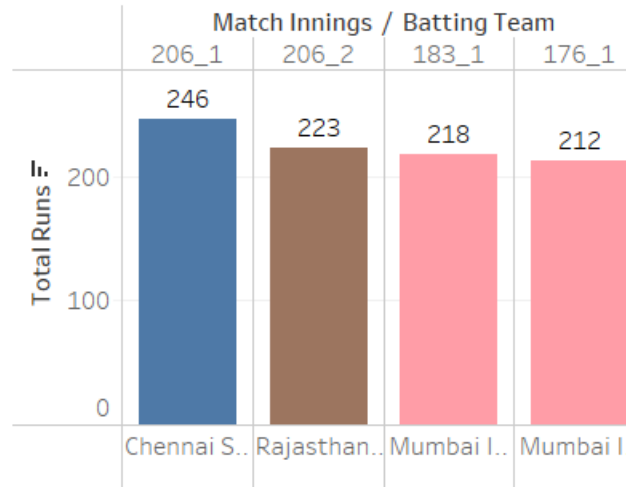
Top N

30

Biggest Wins By Wickets

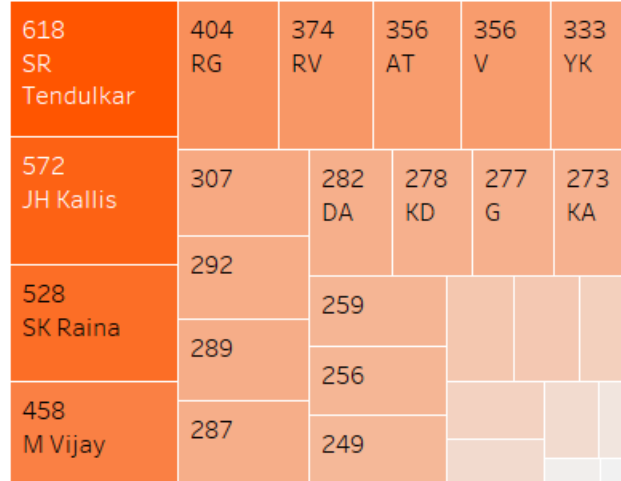


Highest Total Across All Seasons

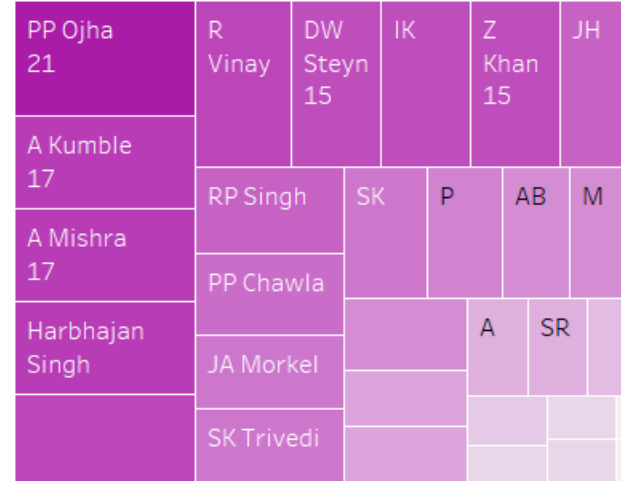


Player Statistics

Orange Cap Contenders



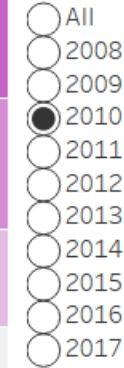
Purple Cap Contenders



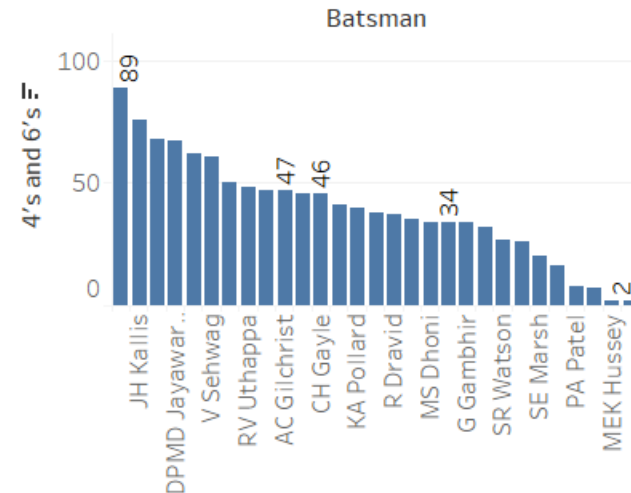
Batsman Runs



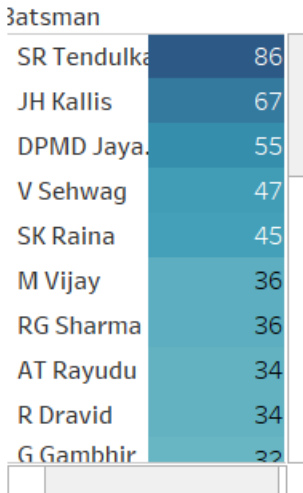
YEAR(Date)



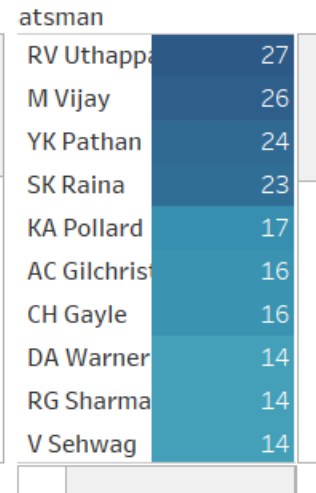
Most 4's and 6's



Most 4's



Most 6's



Top N
30

Count of Player Dismissals



Fours

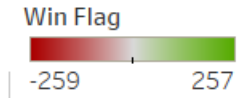
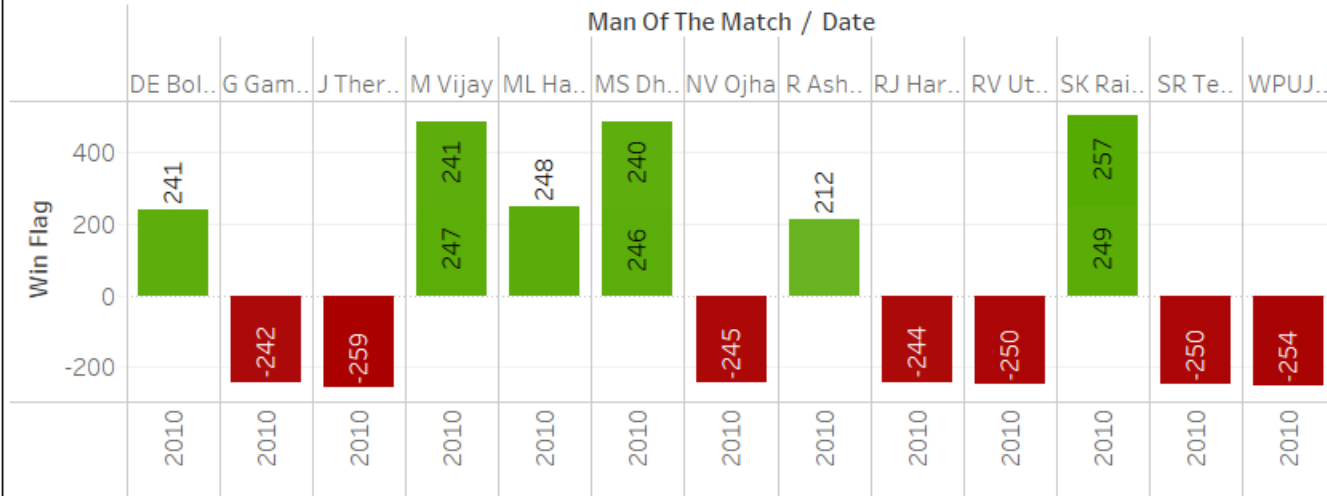


Sixes



Team Statistics

Team Performance Season-Wise



YEAR(Date)



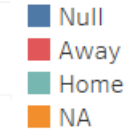
Team



HomeVsAway

All

Home Vs Away



Win %Age

