vivo
IPL
VISUALISATION ASSIGNMENT
BY ,
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The Indian Premier League is a professional men's Twenty20 cricket league, contested by ten teams based out of ten Indian cities. The league was founded by the Board of Control for Cricket in India in 2007.

OBJECTIVE

To create an interactive dashboard that highlights some of the important statistics of the IPL over the period of 2008-2017.

PROBLEM STATEMENT

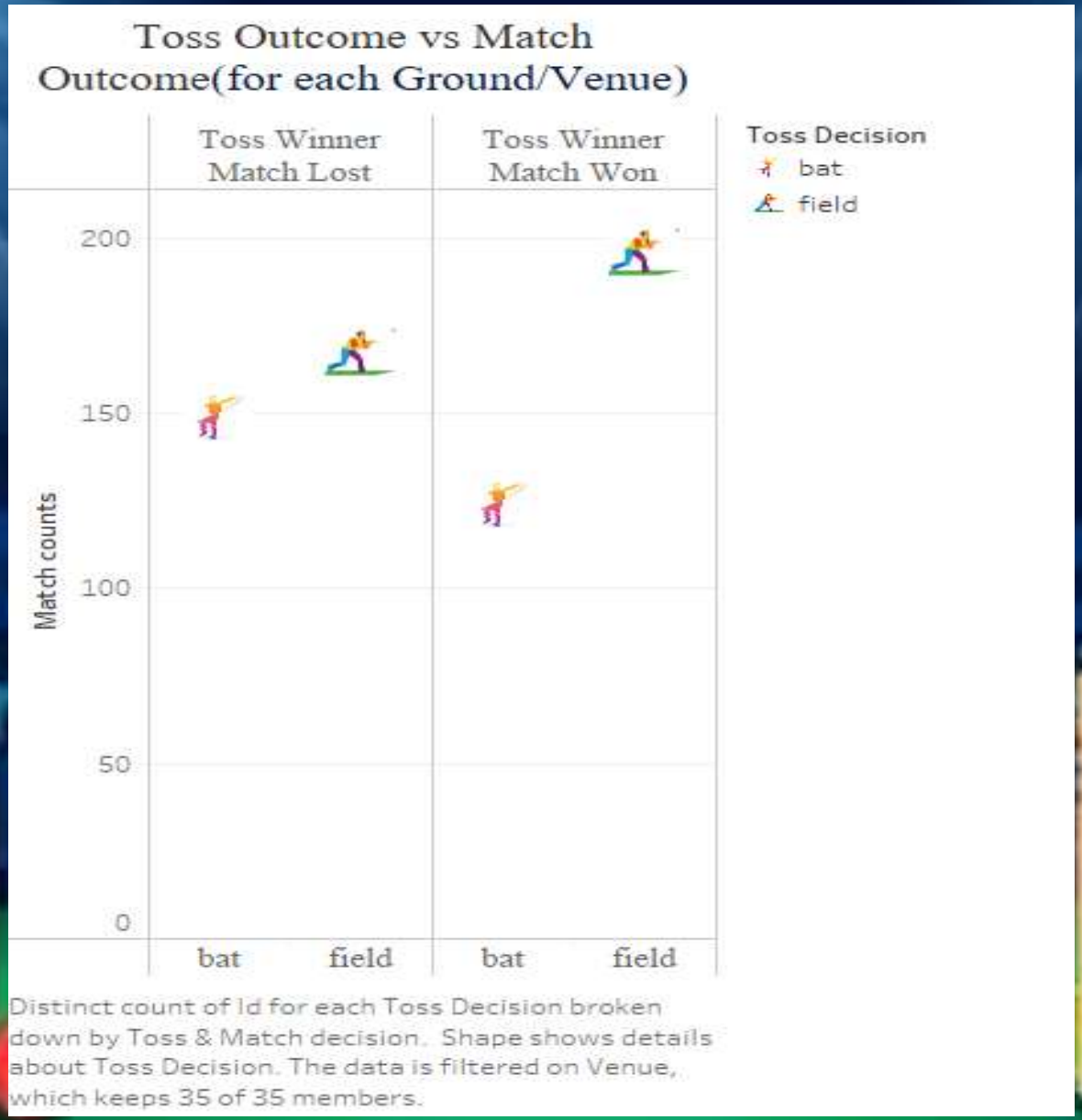
As a data analyst at **IFP**, a nationally recognized news agency, which is based out of New Delhi, and provides news reports and feeds to magazines, newspapers and TV broadcasters all over the country have to build a Tableau dashboard of IPL statistics over the years since its inception in order to 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.

IPL Teams (2008-2017)

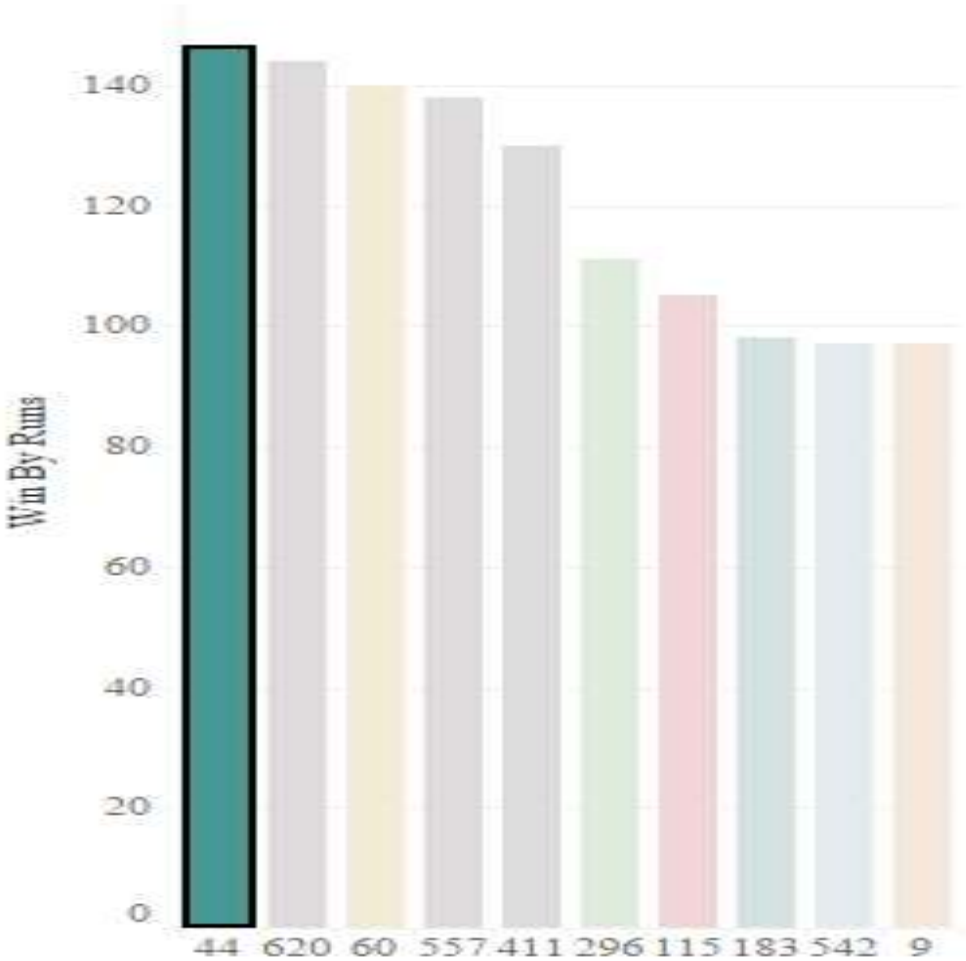
Locations and Number of matches played

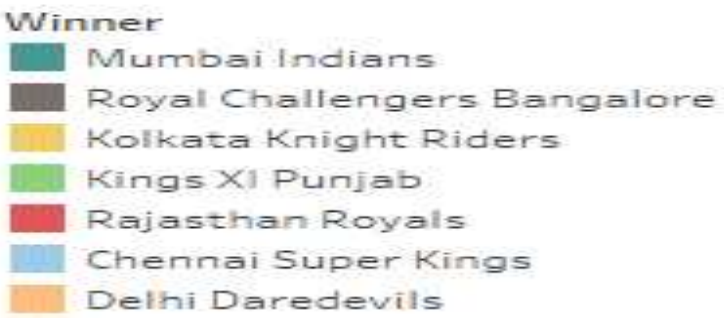
Map based on Longitude (generated) and Latitude (generated). The marks are labeled by City. Details are shown for City and Venue. The view is filtered on City, which ke
31 of 31 members.

MATCH STATISTICS


Toss Outcome vs Match Outcome(for each Ground/Venue)
Toss Winner Match Lost
Toss Winner Match Won
Toss Decision
bat
field
Match counts
200
150
100
50
0
bat
field
bat
field
Distinct count of Id for each Toss Decision broken down by Toss & Match decision. Shape shows details about Toss Decision. The data is filtered on Venue, which keeps 35 of 35 members.

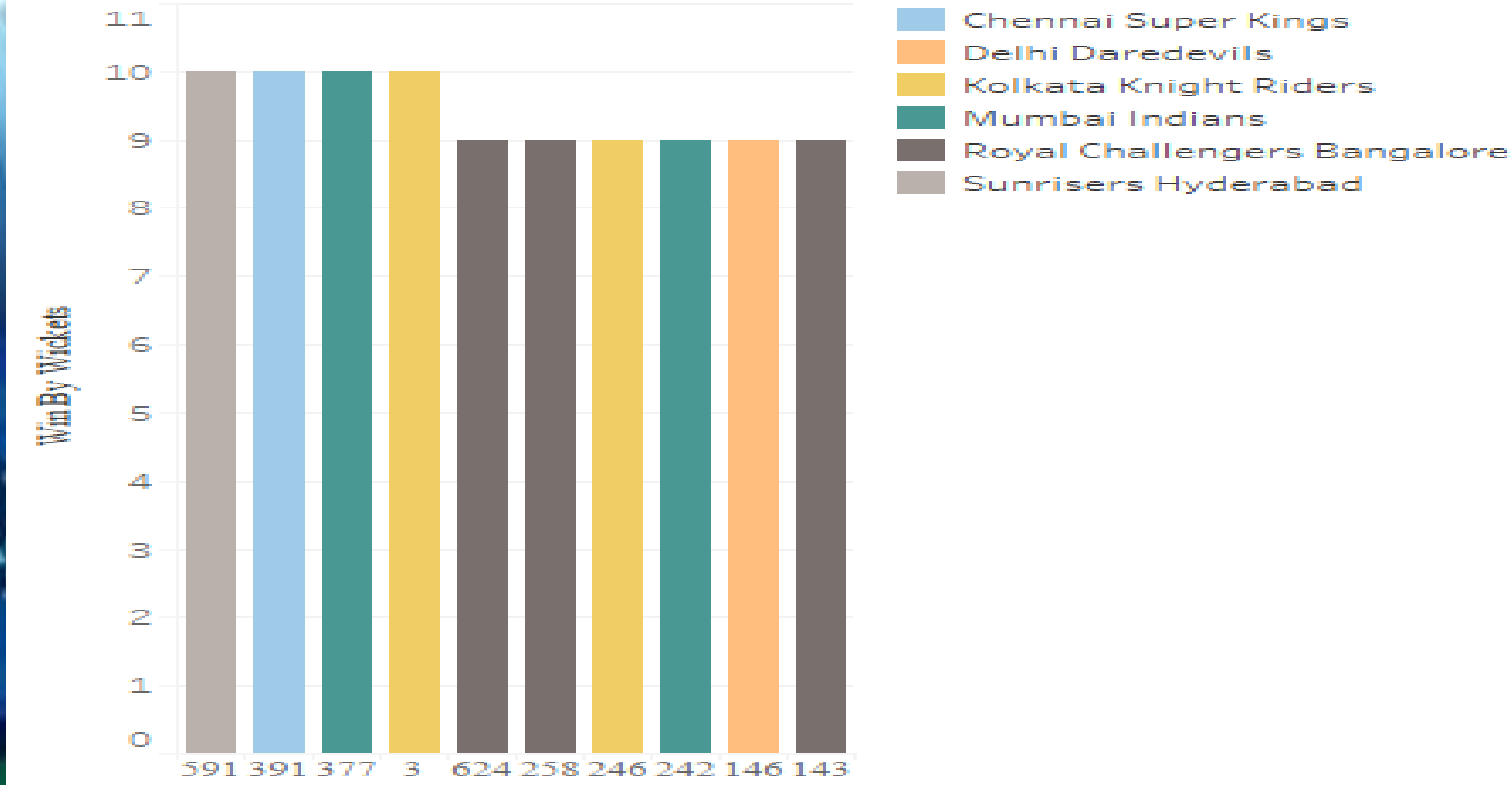
Biggest wins (by runs)





Win By Runs as an attribute for each Id. Color shows details about Winner. Details are shown for Season. The view is filtered on Winner and Id. The Winner filter keeps 13 of 14 members. The Id filter keeps 10 of 2,868 members.

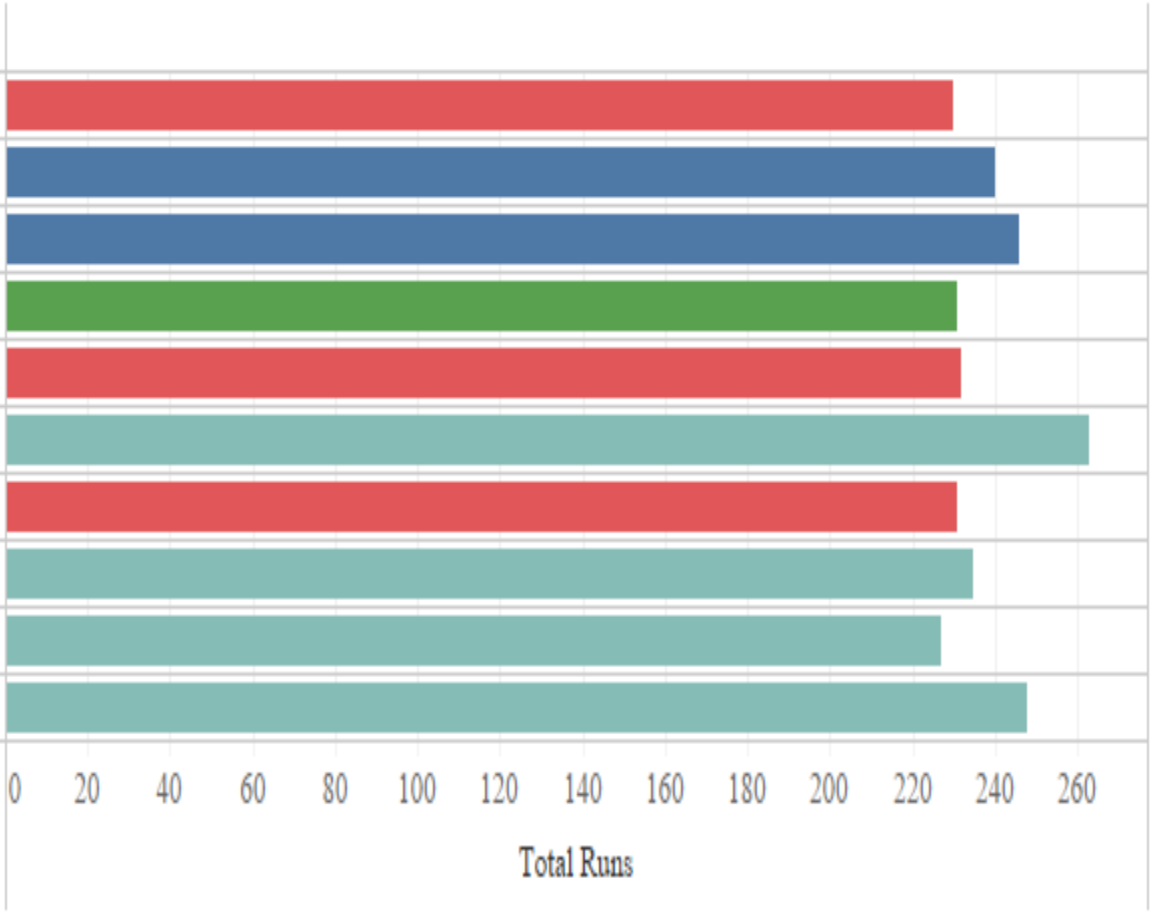
Biggest wins (by wickets)



Win By Wickets as an attribute for each Id. Color shows details about Winner. The view is filtered on Winner and Id. The Winner filter keeps 13 of 14 members. The Id filter keeps 10 of 2,868 members.

Highest totals (across all the seasons)

Match Id	Batting Team
50	Kings XI Punjab
61	Chennai Super Kings
206	Chennai Super Kings
259	Delhi Daredevils
296	Kings XI Punjab
411	Royal Challengers Bangal..
486	Kings XI Punjab
562	Royal Challengers Bangal..
580	Royal Challengers Bangal..
620	Royal Challengers Bangal..

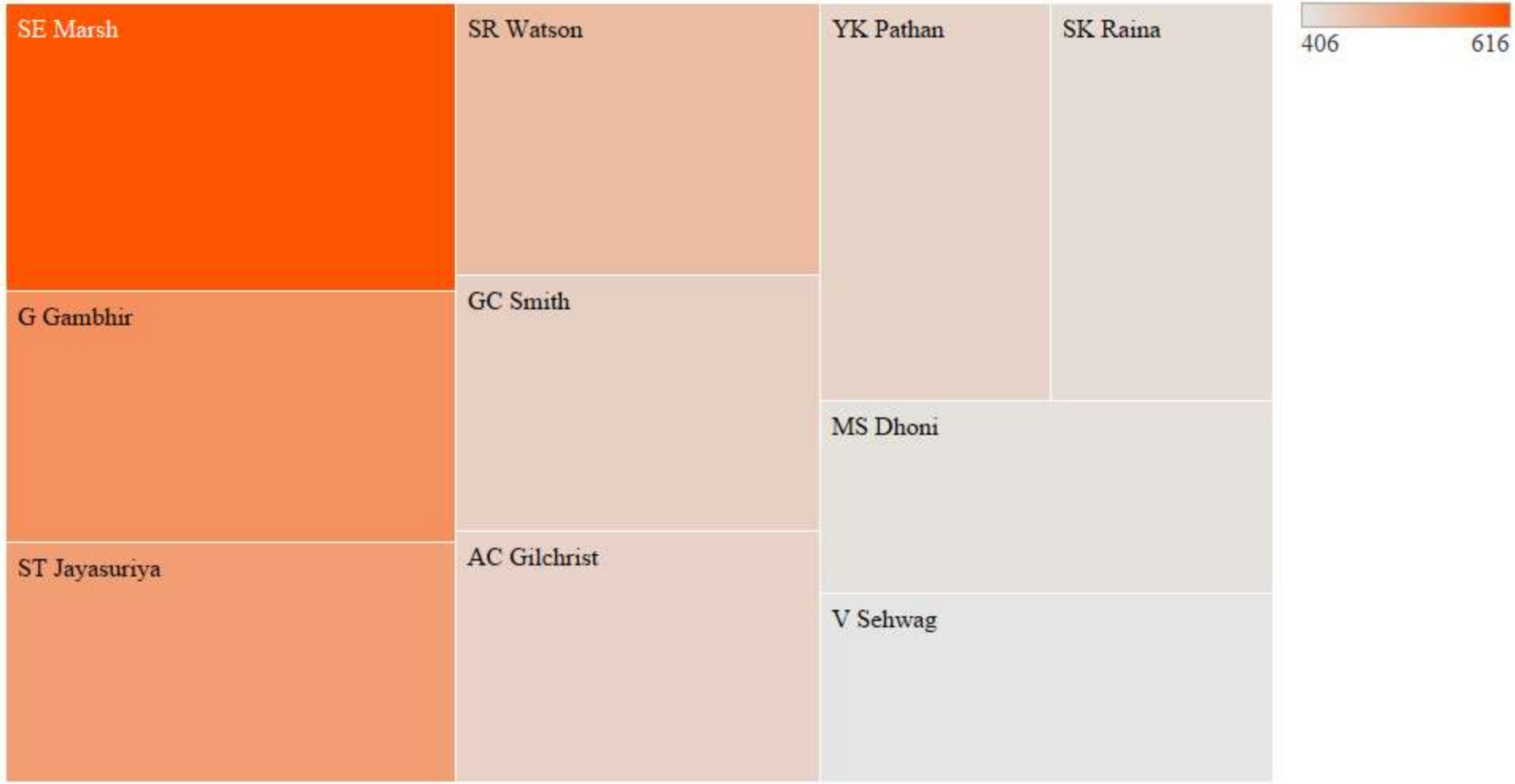


Batting Team
- Chennai Super Kings
- Delhi Daredevils
- Kings XI Punjab
- Royal Challengers Bangalore

Sum of Total Runs for each Batting Team broken down by Match Id. Color shows details about Batting Team. The data is filtered on Match_innings, which has multiple members selected.

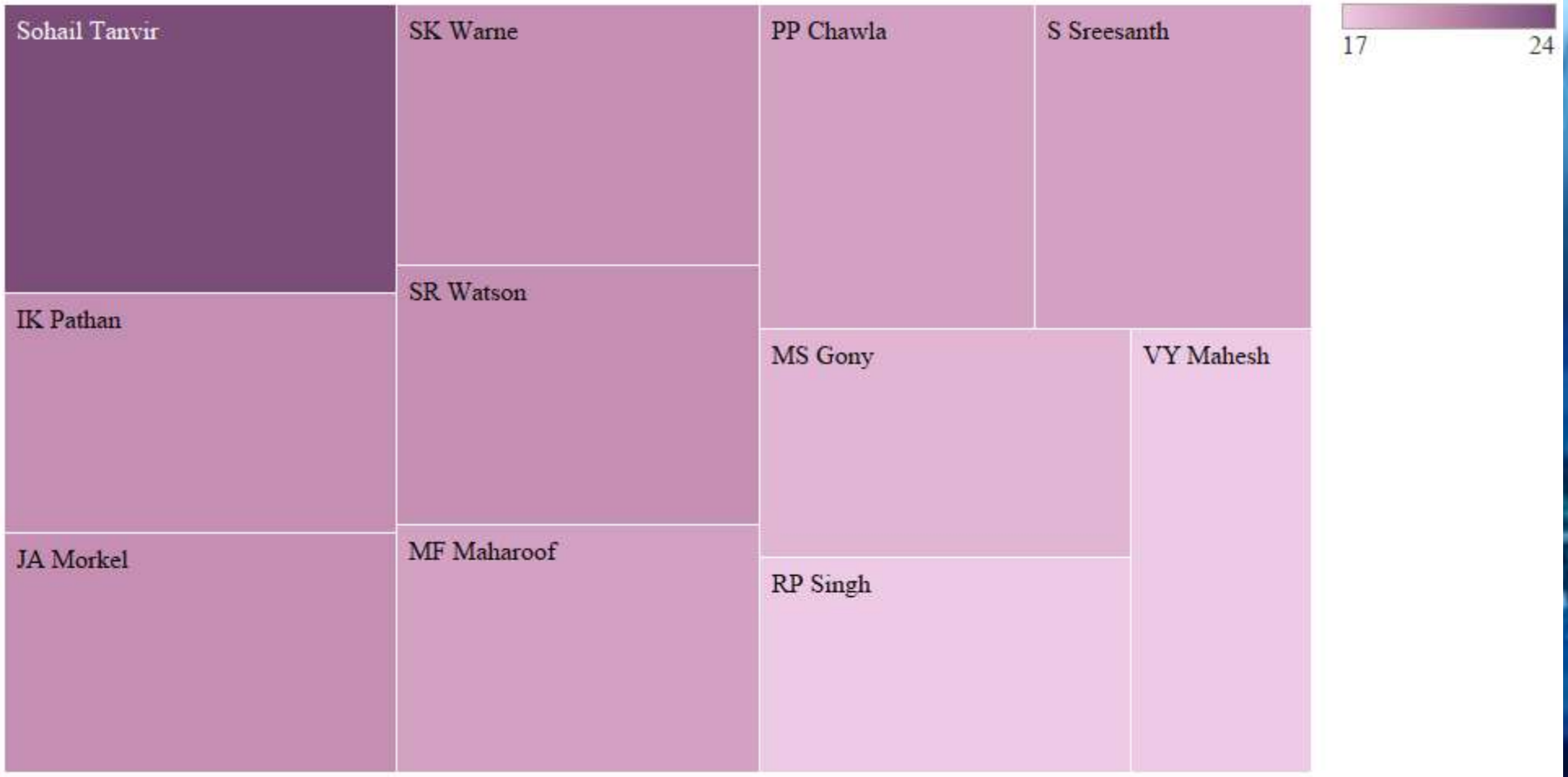
PLAYER STATISTICS

Orange cap contenders



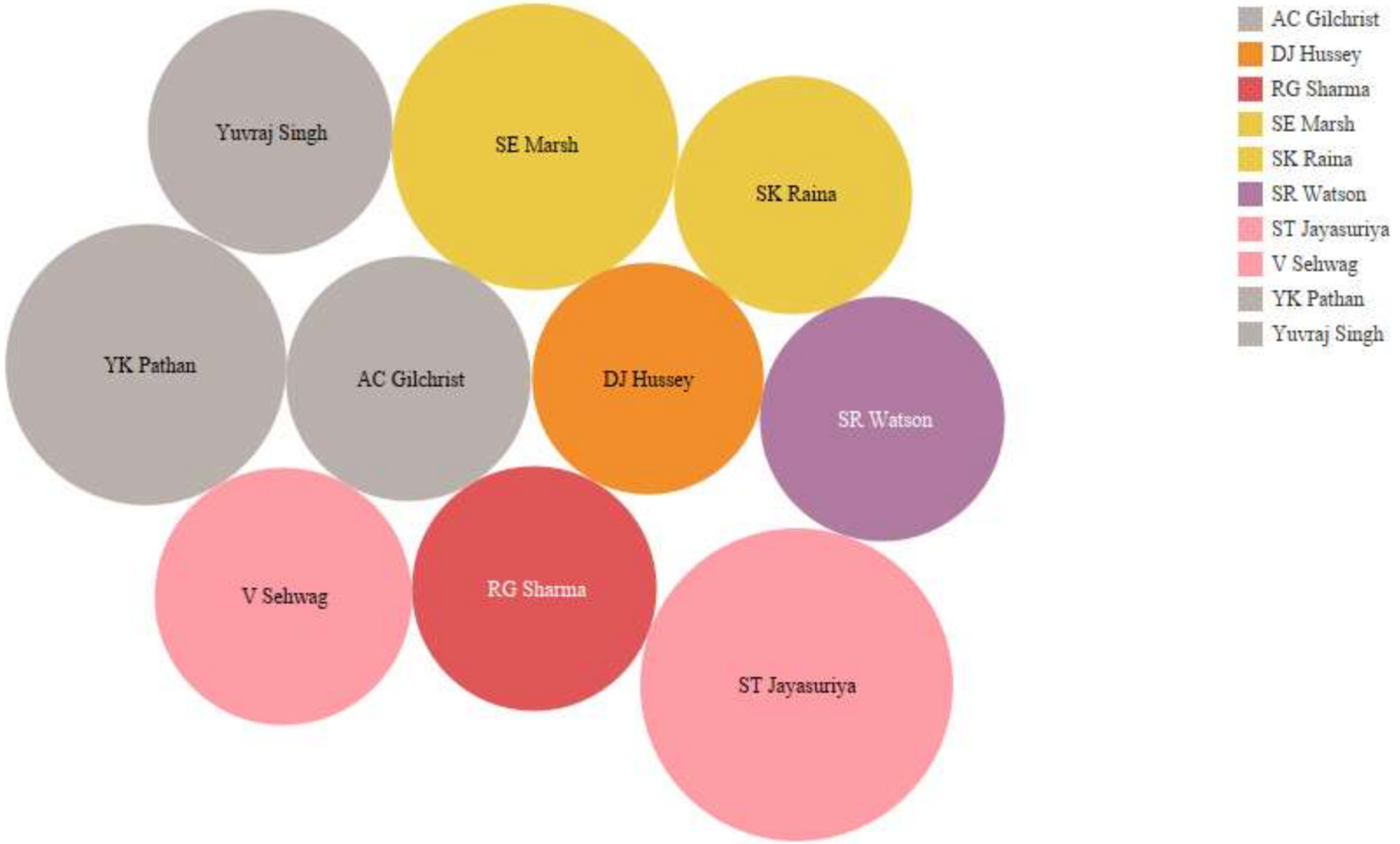
Batsman. Color shows sum of Batsman Runs. Size shows sum of Batsman Runs. The marks are labeled by Batsman. The data is filtered on Date Year and Rank. The Date Year filter keeps 2008. The Rank filter ranges from 1 to 10. The view is filtered on Batsman, which keeps 461 of 461 members.

Purple Cap Contenders



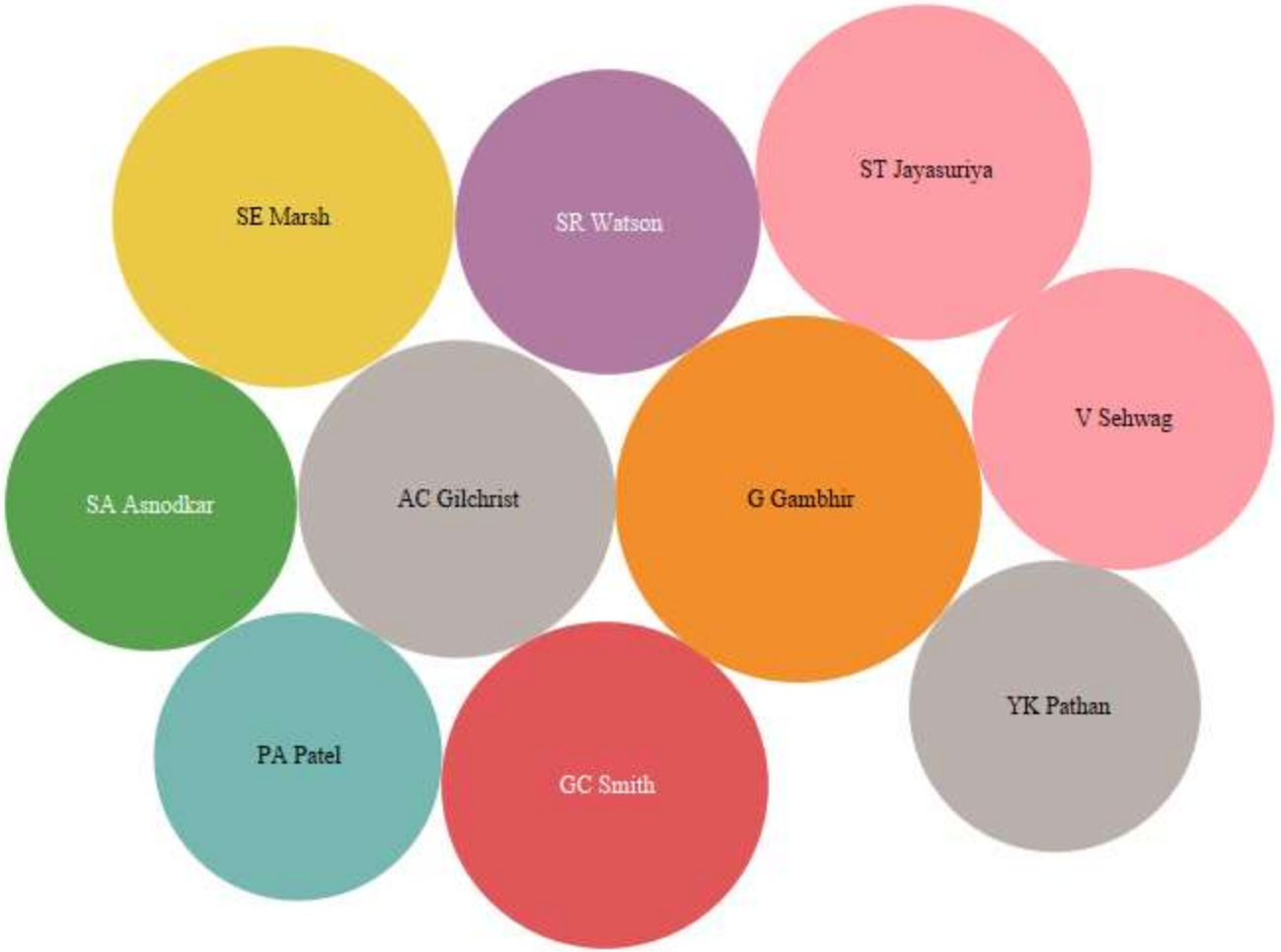
Bowler. Color shows count of Dismissal Kind. Size shows count of Dismissal Kind. The marks are labeled by Bowler. The data is filtered on Season and Rank bowlers. The Season filter keeps 2008. The Rank bowlers filter ranges from 1 to 10. The view is filtered on Bowler, which keeps 356 of 356 members.

Batsmen who have hit the most number of Sixes



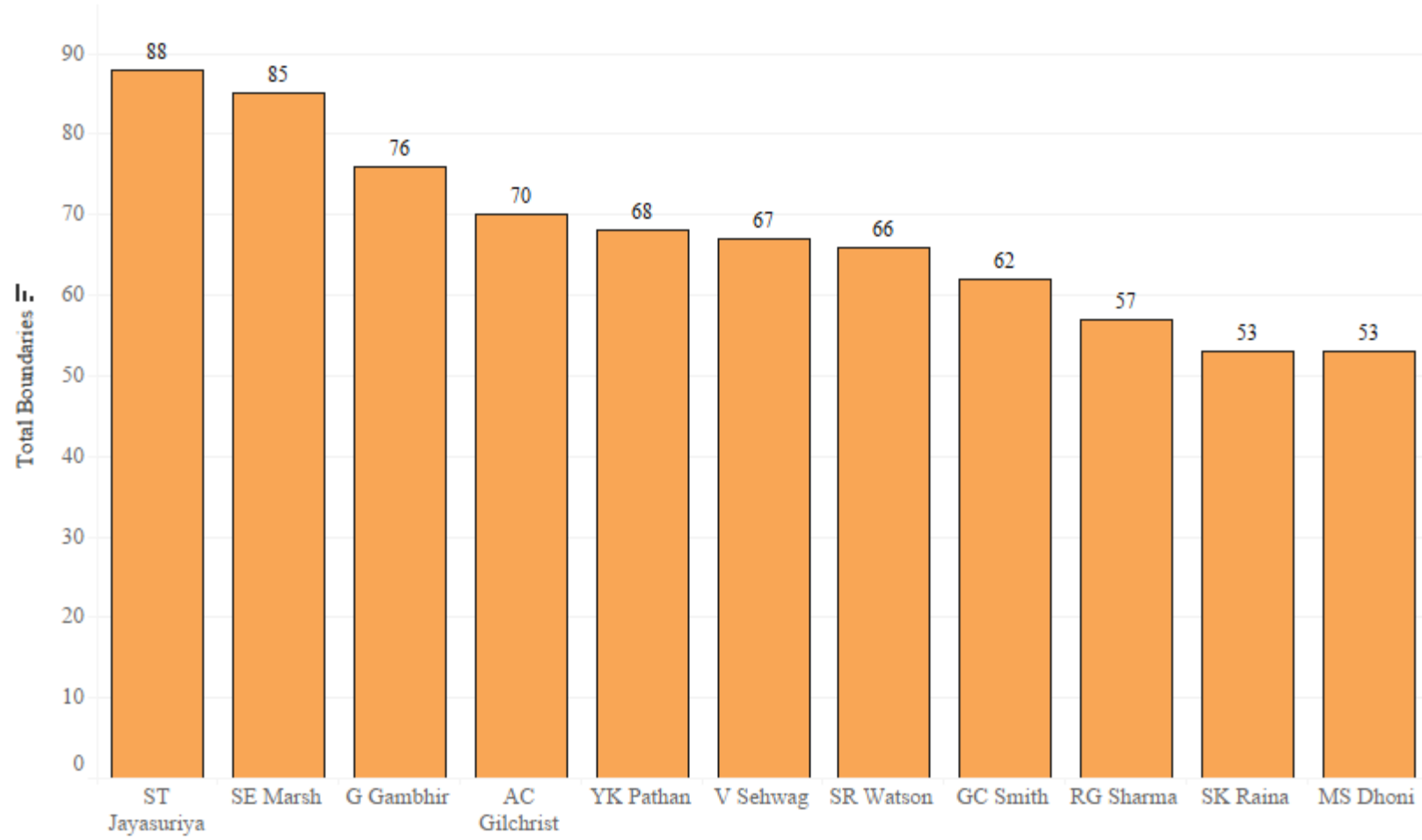
Batsman. Color shows details about Batsman. Size shows sum of Six's. The marks are labeled by Batsman. The data is filtered on Season and Rank 6s. The Season filter keeps 2008. The Rank 6s filter ranges from 1 to 10. The view is filtered on Batsman, which keeps 461 of 461 members.

Batsmen who have hit the most number of fours



Batsman. Color shows details about Batsman. Size shows sum of Four's. The marks are labeled by Batsman. The data is filtered on Season and Rank 4s. The Season filter keeps 2008. The Rank 4s filter ranges from 1 to 10.

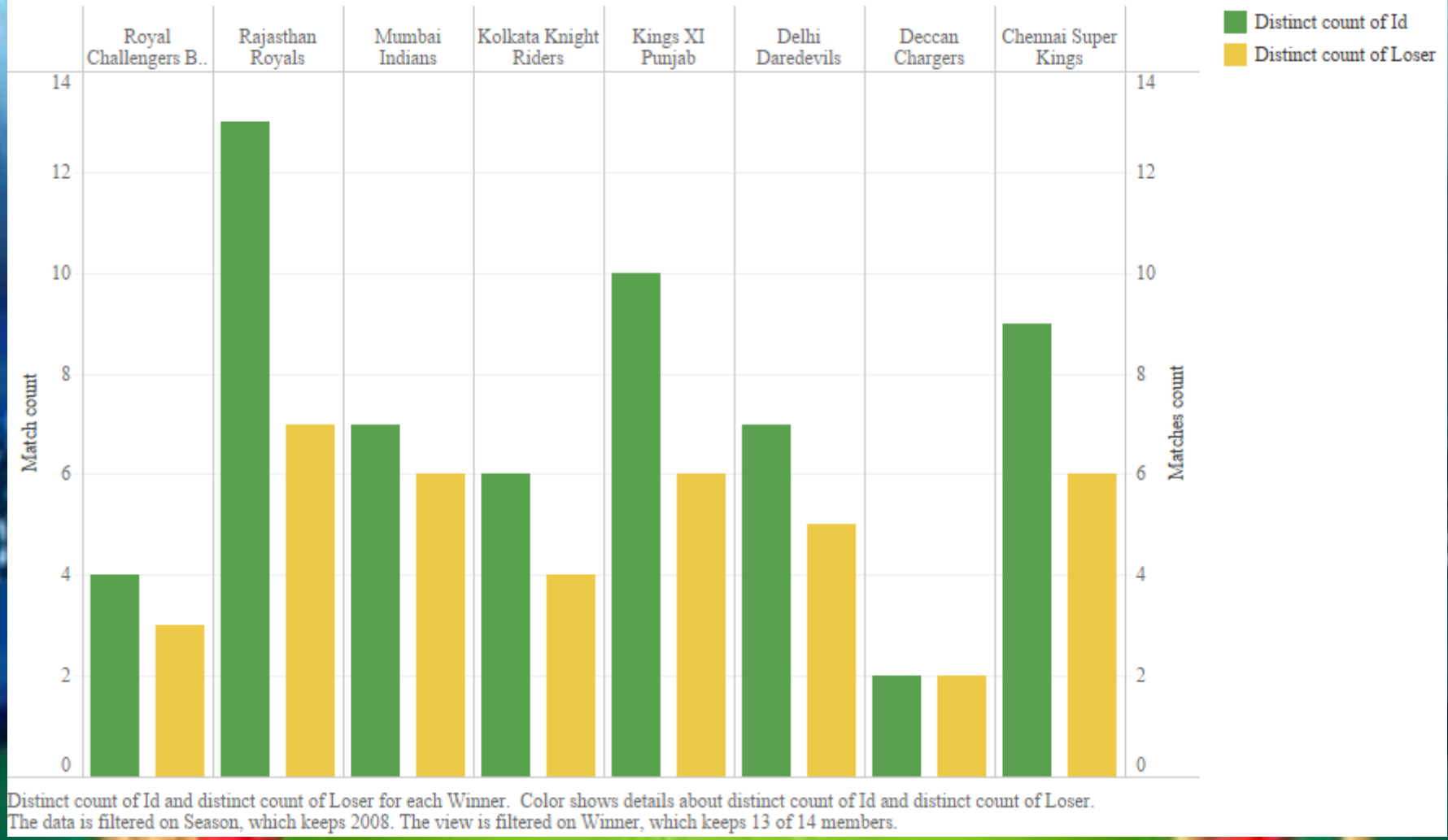
Batsmen who have hit the most number of Boundaries



Total 4's and 6's for each Batsman. The marks are labeled by total 4's and 6's. The data is filtered on Season and Rank boundries. The Season filter keeps 2008. The Rank boundries filter ranges from 1 to 10. The view is filtered on Batsman, which keeps 461 of 461 members.

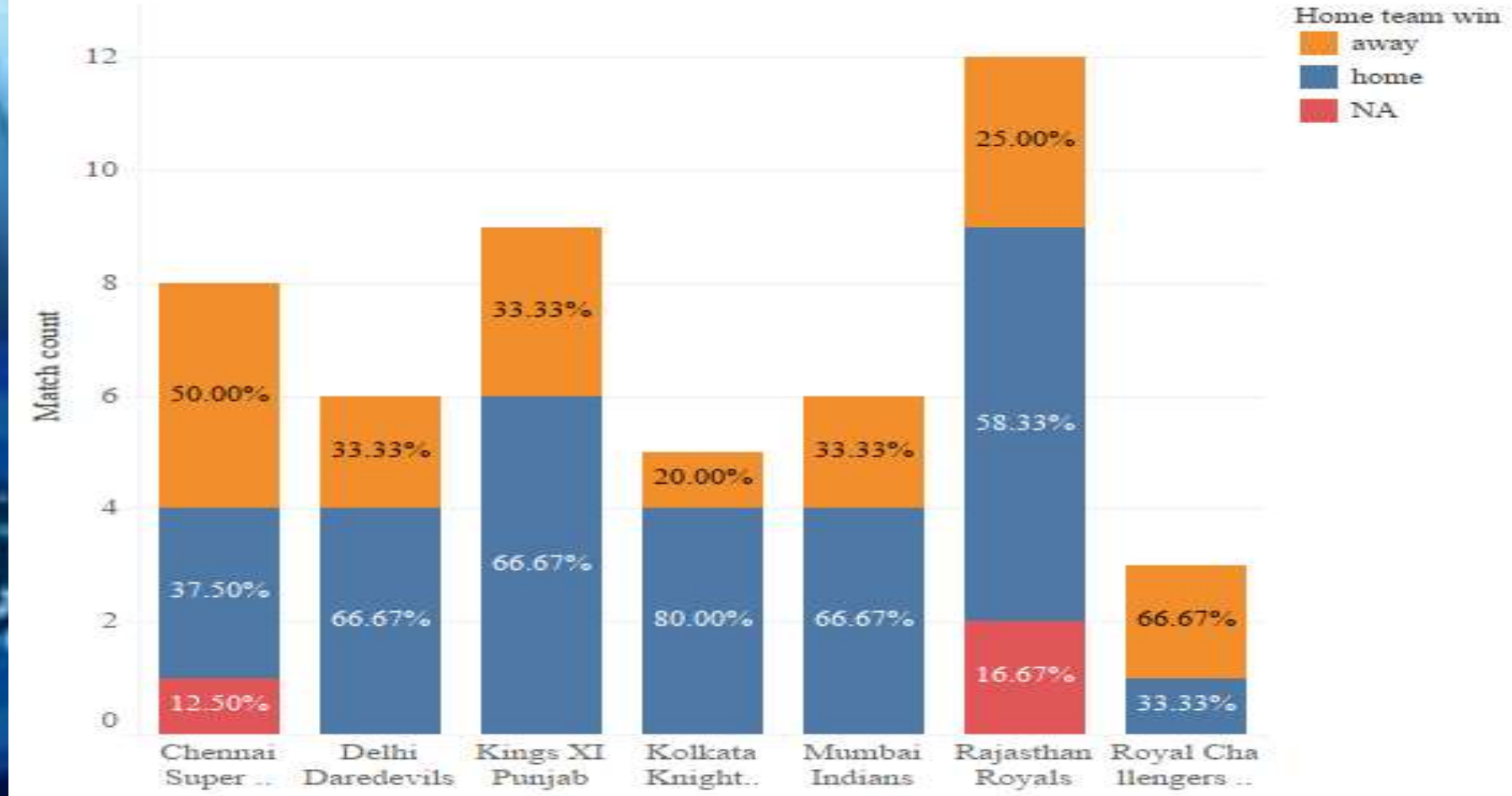
TEAM STATISTICS

Season-wise team performance (wins vs losses)



Distinct count of Id and distinct count of Loser for each Winner. Color shows details about distinct count of Id and distinct count of Loser.
The data is filtered on Season, which keeps 2008. The view is filtered on Winner, which keeps 13 of 14 members.

Win %age (home vs away)



Distinct count of Id for each Winner. Color shows details about Home team win. The marks are labeled by % of Total Distinct count of Id. The data is filtered on home_team_updated and Season. The home_team_updated filter keeps 9 members. The Season filter keeps 2008. The view is filtered on Home team win and Winner. The Home team win filter keeps multiple members. The Winner filter keeps 8 of 14 members.

THANK YOU !!!