IPL Visualisation

Problem Statement

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.

As a data analyst at **IFP**, a nationally recognised 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 customisations that you have provided for interactivity.

MatchStatistics

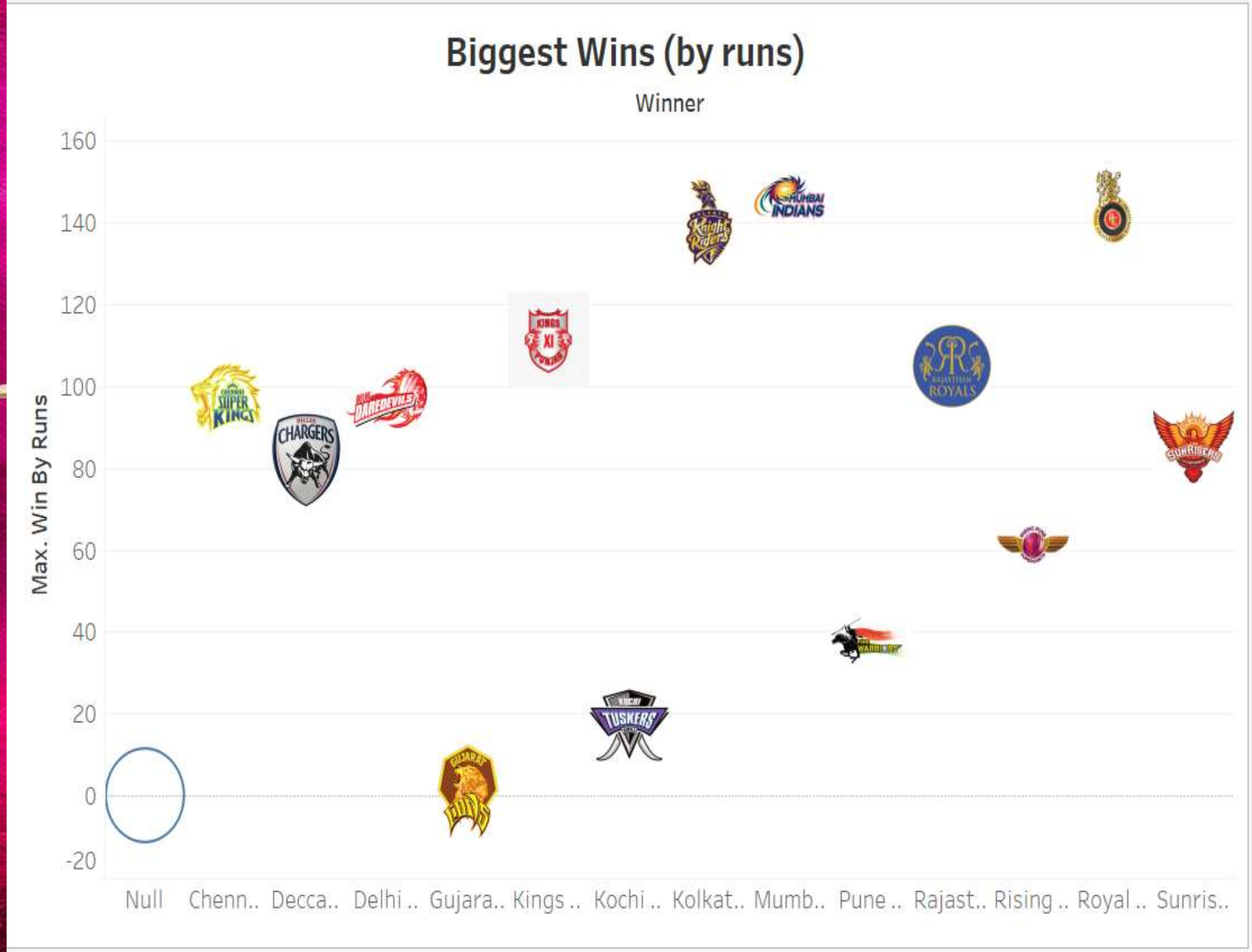
Toss vs Match Outcome

Venue

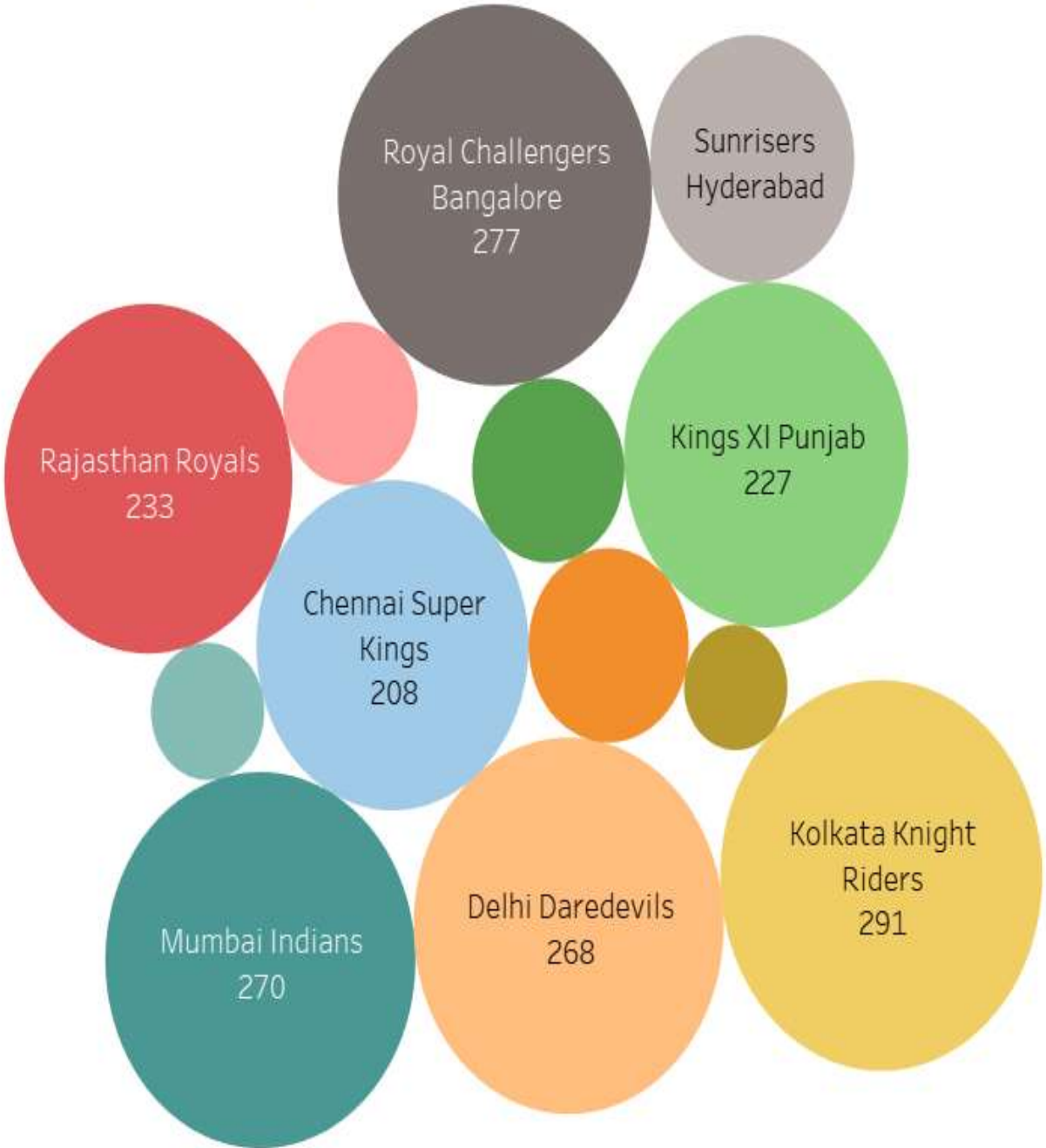
- (All)
- Barabati Stadium
- Brabourne Stadi...
- Buffalo Park
- De Beers Diamon...
- Dr DY Patil Sport...
- Dr. Y.S. Rajasekh...
- Dubai Internatio...
- Eden Gardens
- Feroz Shah Kotla
- Green Park
- Himachal Prades...
- Holkar Cricket St...
- JSCA Internation...
- Kingsmead
- M Chinnaswamy ...
- MA Chidambara...
- Maharashtra Cric...
- Nehru Stadium
- New Wanderers ...
- Newlands

Toss Decision

- bat
- field


Biggest Wins (by runs)
Winner
Max. Win By Runs
160
140
120
100
80
60
40
20
0
-20
Null
Chenn..
Decca..
Delhi ..
Gujara..
Kings ..
Kochi ..
Kolkat..
Mumb..
Pune ..
Rajast..
Rising ..
Royal ..
Sunris..
Winner
Null
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 Supergia..
Royal Challengers Ba..
Sunrisers Hyderabad

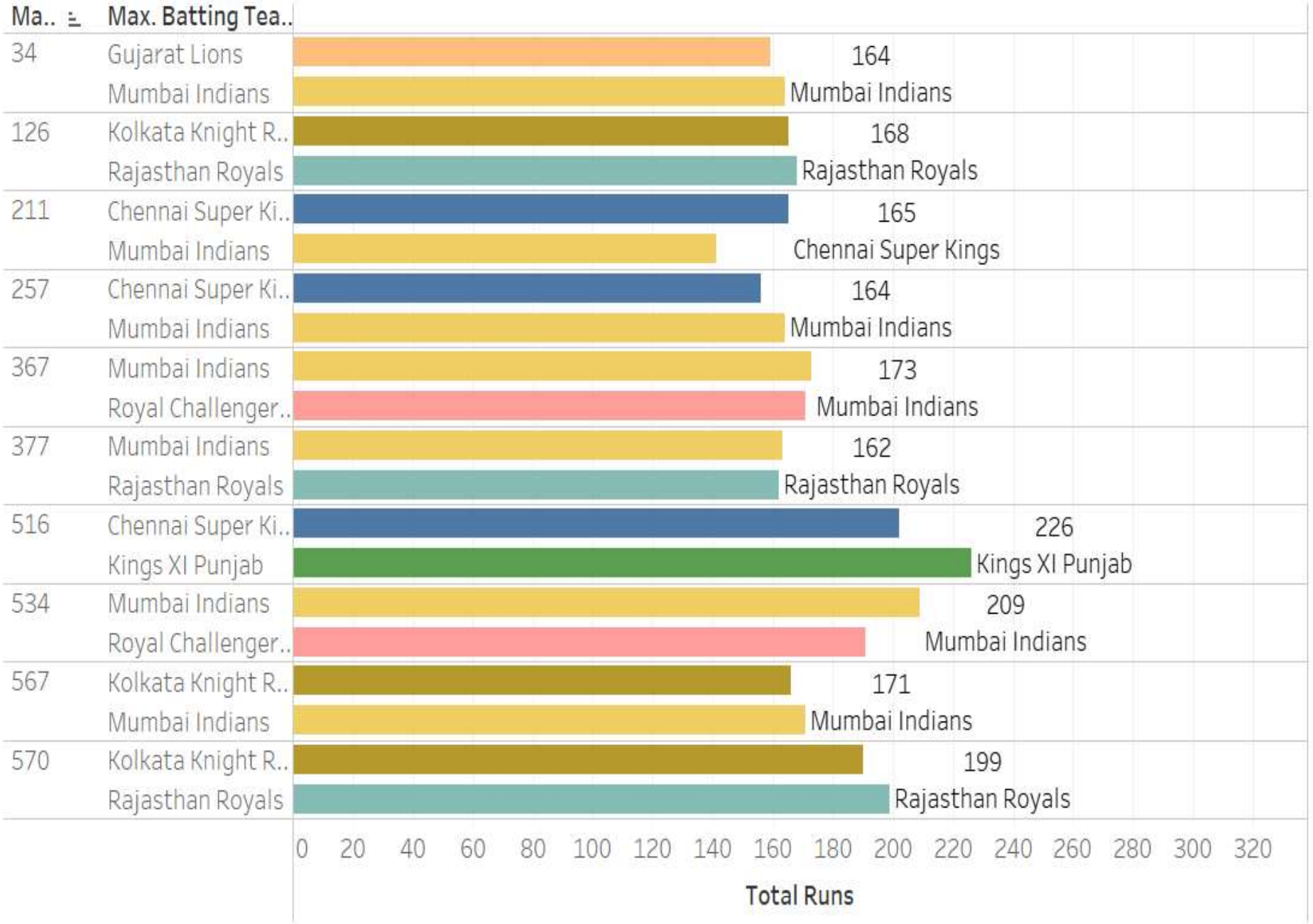
Biggest Wins (by wickets)



Winner

- Null
- 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 Supergia..
- Royal Challengers Ban..
- Sunrisers Hyderabad

Highest Totals



YEAR(Date)

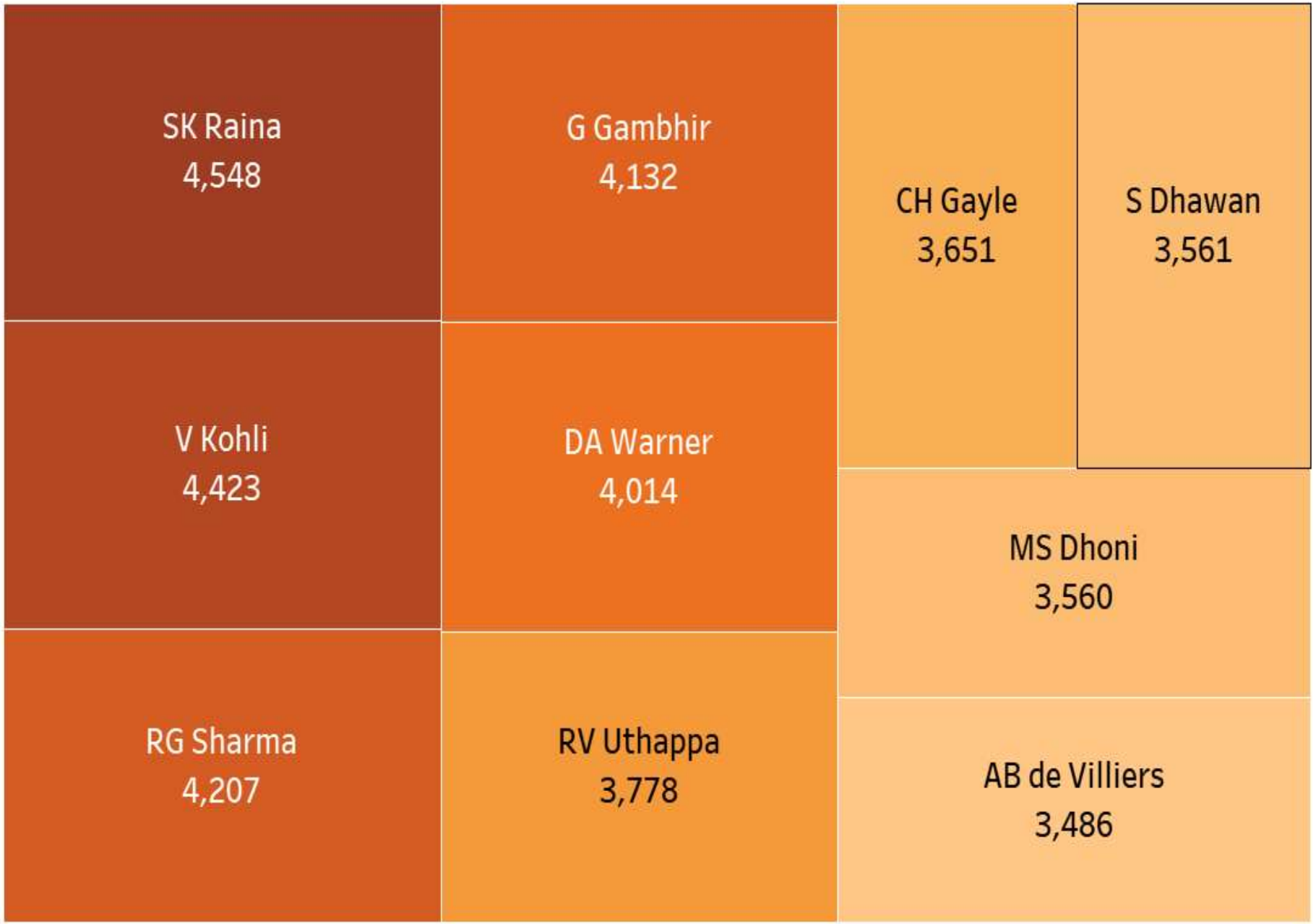
- [x] (All)
- [x] 2008
- [x] 2009
- [x] 2010
- [x] 2011
- [x] 2012
- [x] 2013
- [x] 2014
- [x] 2015
- [x] 2016
- [x] 2017

Batting Team

- Chennai Super Kings
- Gujarat Lions
- Kings XI Punjab
- Kolkata Knight Riders
- Mumbai Indians
- Rajasthan Royals
- Royal Challengers Ban..

Players Statistics

Orange Cap Contenders



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- [x] 2013
- [x] 2014
- [x] 2015
- [x] 2016
- [x] 2017

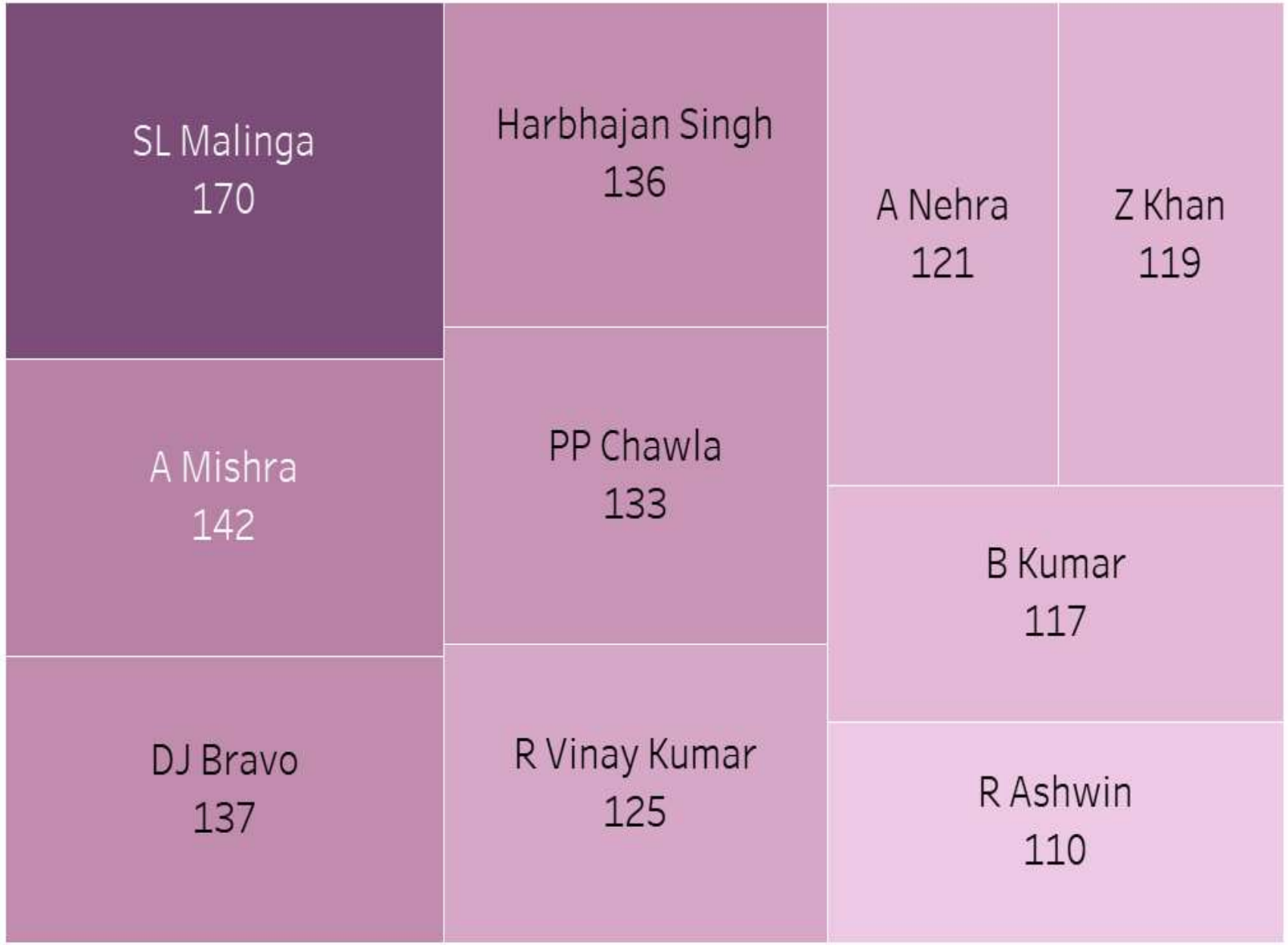
Season

2008 — 2017

SUM(Batsman Runs)

3,486 — 4,548

Purple Cap Contenders



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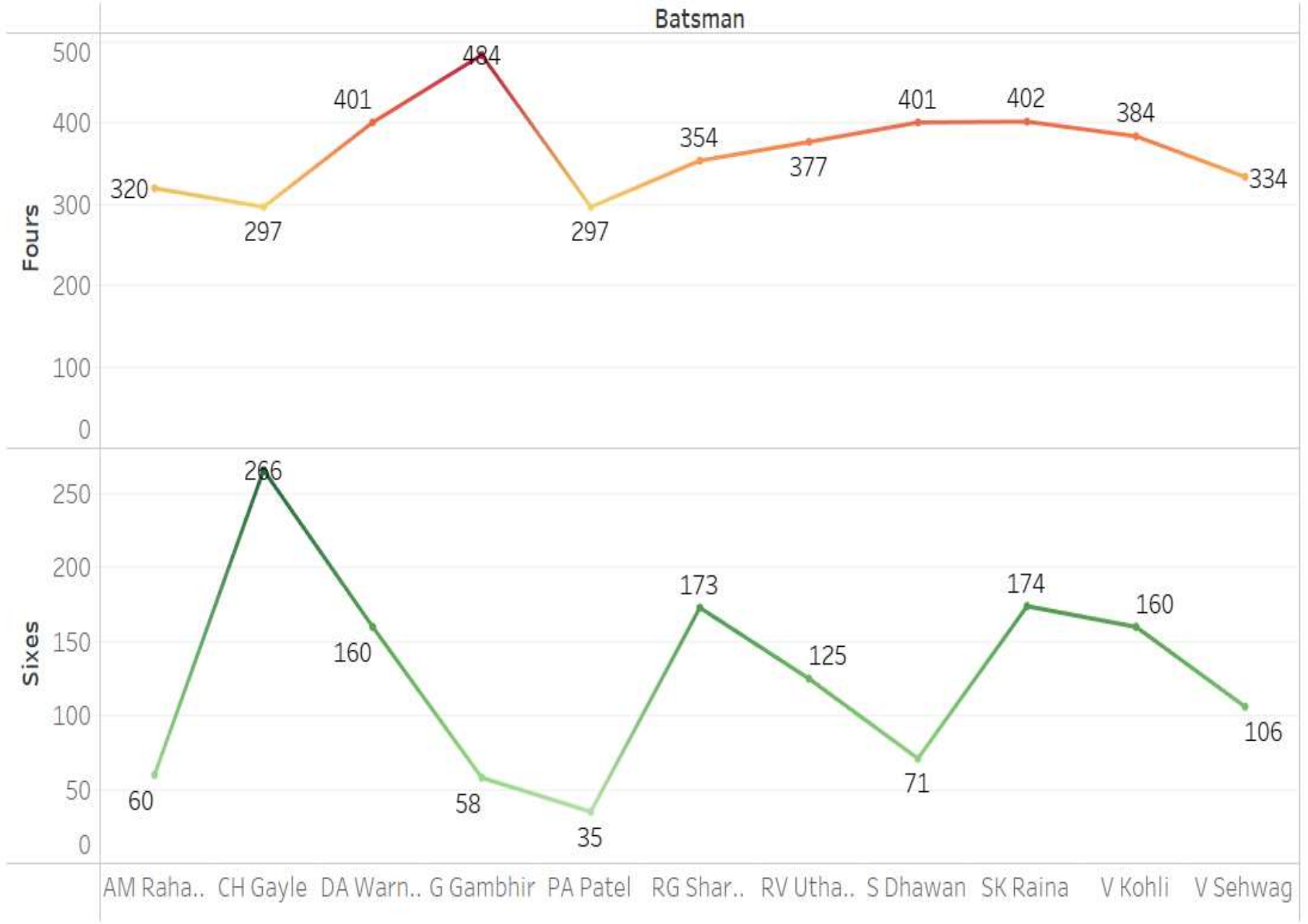
- [x] 2013
- [x] 2014
- [x] 2015
- [x] 2016
- [x] 2017

CNT(Player Dismissed)

110 170

Fours and Sixes



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- [x] 2008
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- [x] 2010
- [x] 2011
- [x] 2012
- [x] 2013
- [x] 2014
- [x] 2015
- [x] 2016
- [x] 2017

AGG(Fours)

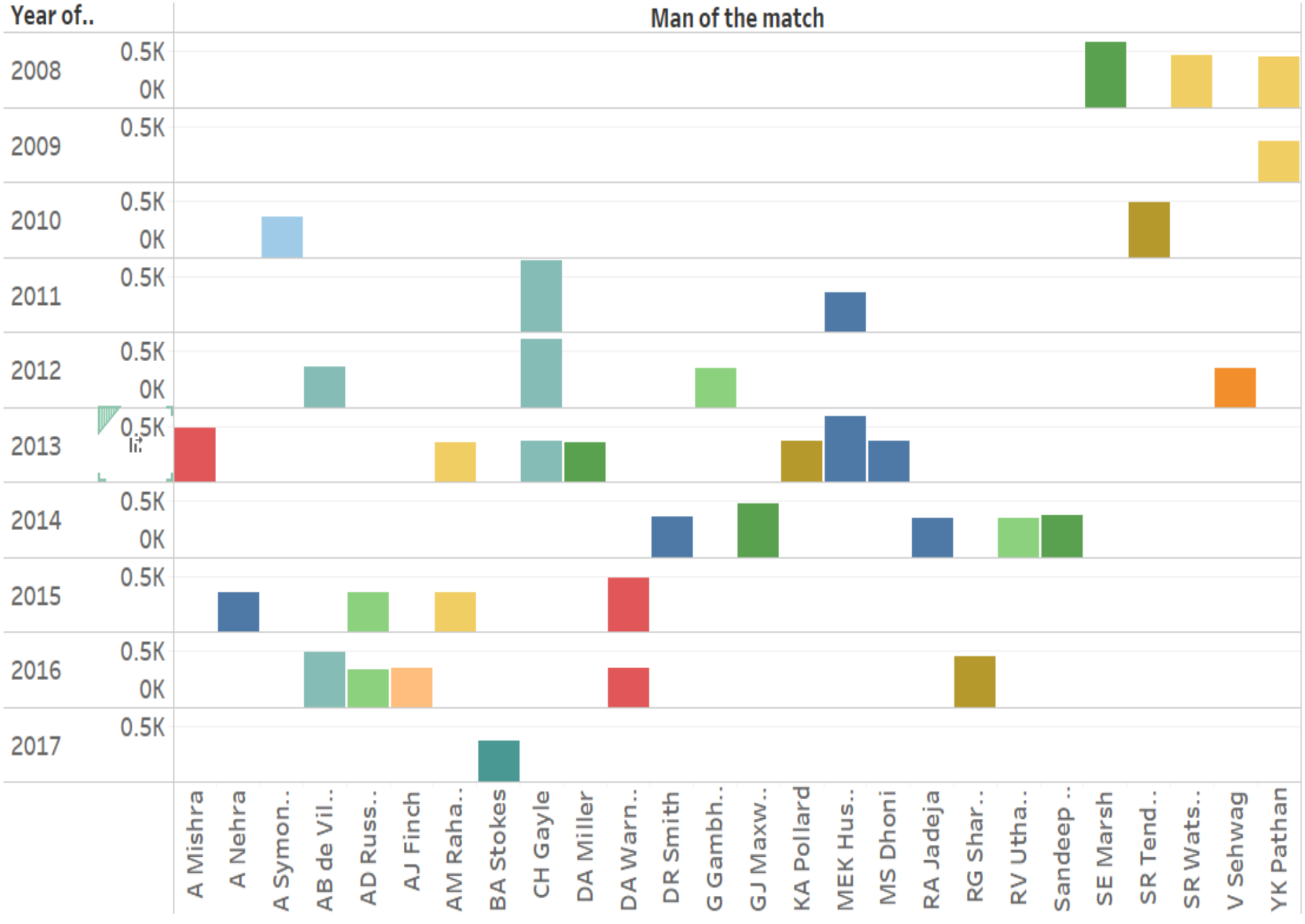
297 484

AGG(Sixes)

35.0 266.0

Team Statistics

Season-Wise Team Performance



SUM(Win Flag)

326 640

YEAR(Date)

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

ATTR(Winner)

- Chennai Super Ki..
- Deccan Chargers
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kolkata Knight R..
- Mumbai Indians
- Rajasthan Royals
- Rising Pune Supe..
- Royal Challenger..

Win %(Home vs Away)

Year of..	Away	Home	NA
2016	53.1%	43.1%	48.2%
2012	53.1%	44.8%	50.3%
2014	49.5%	46.7%	49.4%
2008	45.1%	51.2%	49.7%
2017	44.8%	53.7%	44.7%
2010	43.6%	54.3%	49.2%
2011	41.4%	56.1	
2015	39.0%	55.9	
2013	28.8%	69.8	
2009			

Home vs Away: **Home**
Year of Date: **2010**
Win Percent: **54.3%**

YEAR(Date)

- [x] (All)
- [x] 2008
- [x] 2009
- [x] 2010
- [x] 2011
- [x] 2012
- [x] 2013
- [x] 2014
- [x] 2015
- [x] 2016
- [x] 2017

AGG(Win Percent)

28.8% 69.8%

Summary

- Regardless of whether the players win or lose the toss, the most they chose the field.
- Biggest wins among IPL teams :
  - Runs : Mumbai Indians
  - Wickets : Kolkata Knight Riders
- Throughout the seasons, King XI Punjab has the highest totals i.e., 226 runs in the year 2014.
- The batsmen who have scored the maximum number of runs and wickets taken in all season :
  - Orange cap contenders : SK Raina (4548)
  - Purple cap contenders : SL Malinga (170)

- Batsman who hits most no. of fours and sixes in a particular overall season :
  - Fours : G Gambhir (484)
  - Sixes : CH Gayle (266)
- Year 2013 has overall win % i.e, 69.8% as Home. While in the same year , it has lowest win % for away i.e., 28.8 %.
- AD Russell (KKR) became a man of the man in year 2015-2016 . Moreover, BA Stokes (RPS) has the highest win flag score in 2017.

THANK
YOU!