



VISUALISATION ASSIGNMENT

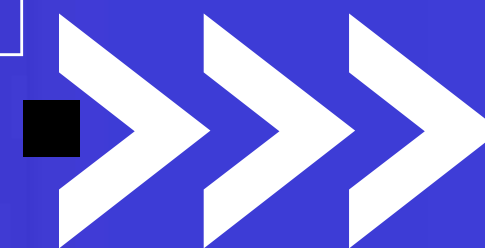


OBJECTIVE

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




PROBLEM STATEMENTS

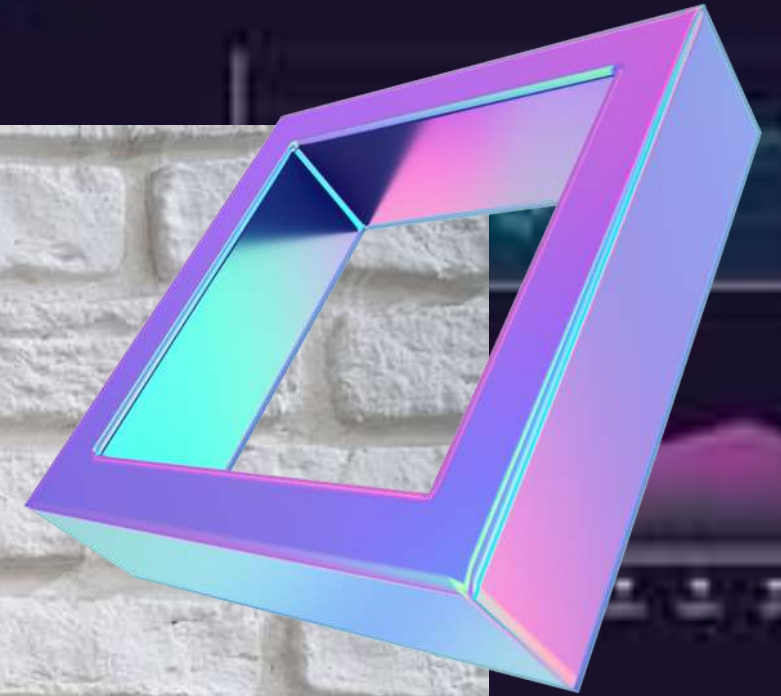


As a data analyst at IFP, a nationally recognized news agency, the Sports Editor of the agency has approached to build an interactive Tableau dashboard of IPL statistics over the years since its inception in order to create an infographic for a newsletter that their team is working on.

For this newsletter, in some cases, they will use the visual representations 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.



STATISTICS



MATCH STATISTICS



Toss Outcome Vs Match Outcome



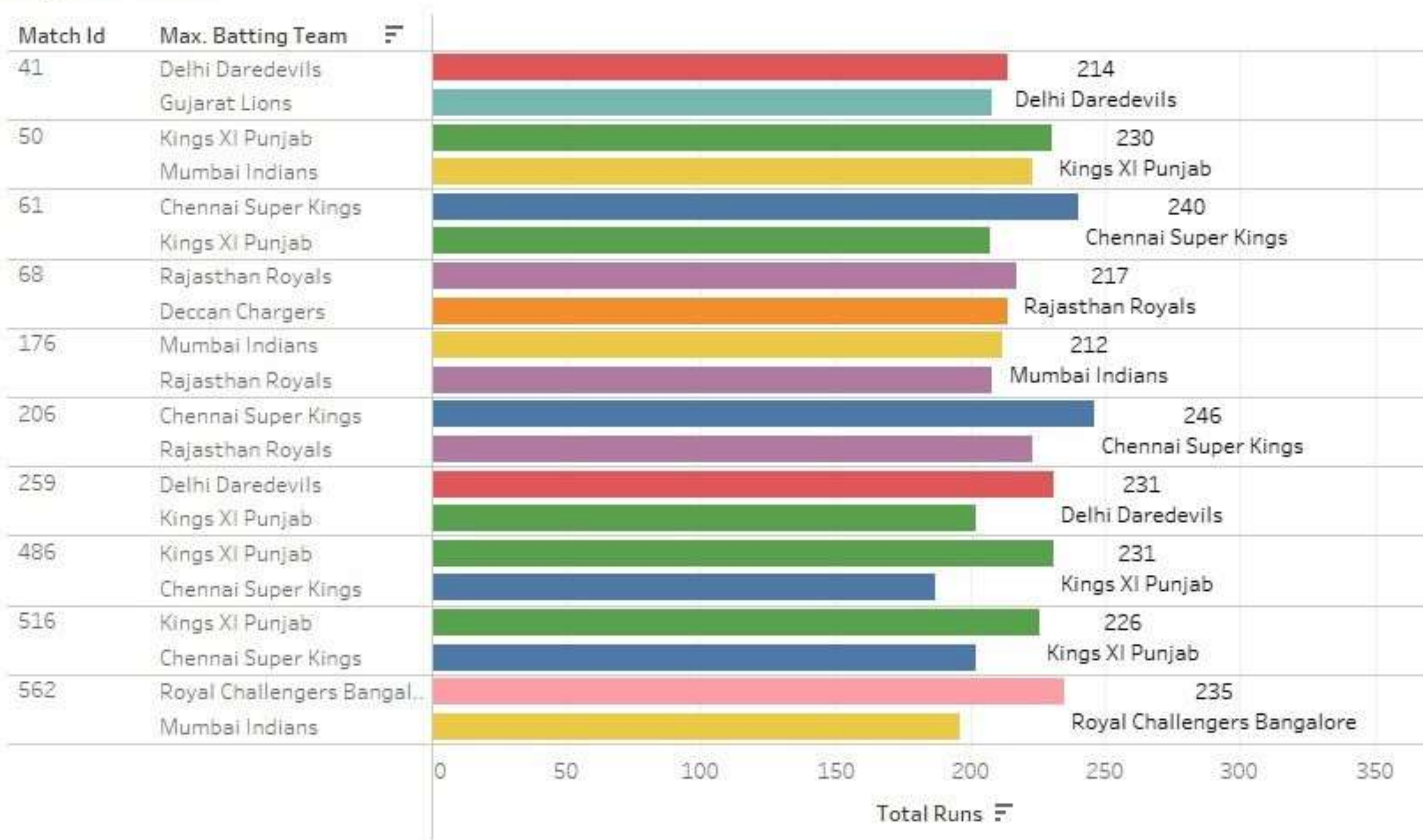
Biggest Wins (by runs)



Biggest wins (by wickets)



Highest Totals



Orange Cap Contenders

SK Raina 4,548	G Gambhir 4,132	CH Gayle 3,651	S Dhawan 3,561
V Kohli 4,423	DA Warner 4,014	MS Dhoni 3,560	
RG Sharma 4,207	RV Uthappa 3,778	AB de Villiers 3,486	

Purple Cap Contenders

SL Malinga
170

PP Chawla
133

R Ashwin
110

P Kumar
102

A Mishra
142

R Vinay Kumar
125

DW Steyn
100

Harbhajan Singh
136

Z Khan
119

IK Pathan
99

Fours and sixes

Batsman

Fours

400

200

0

231

297

401

484

354

377

401

321

384

334

Sixes

200

100

0

42

266

160

58

173

125

71

151

160

106

AM Rahane

CH Gayle

DA Warner

G Gambhir

RG Sharma

RV Uthappa

S Dhawan

SK Raina

V Kohli

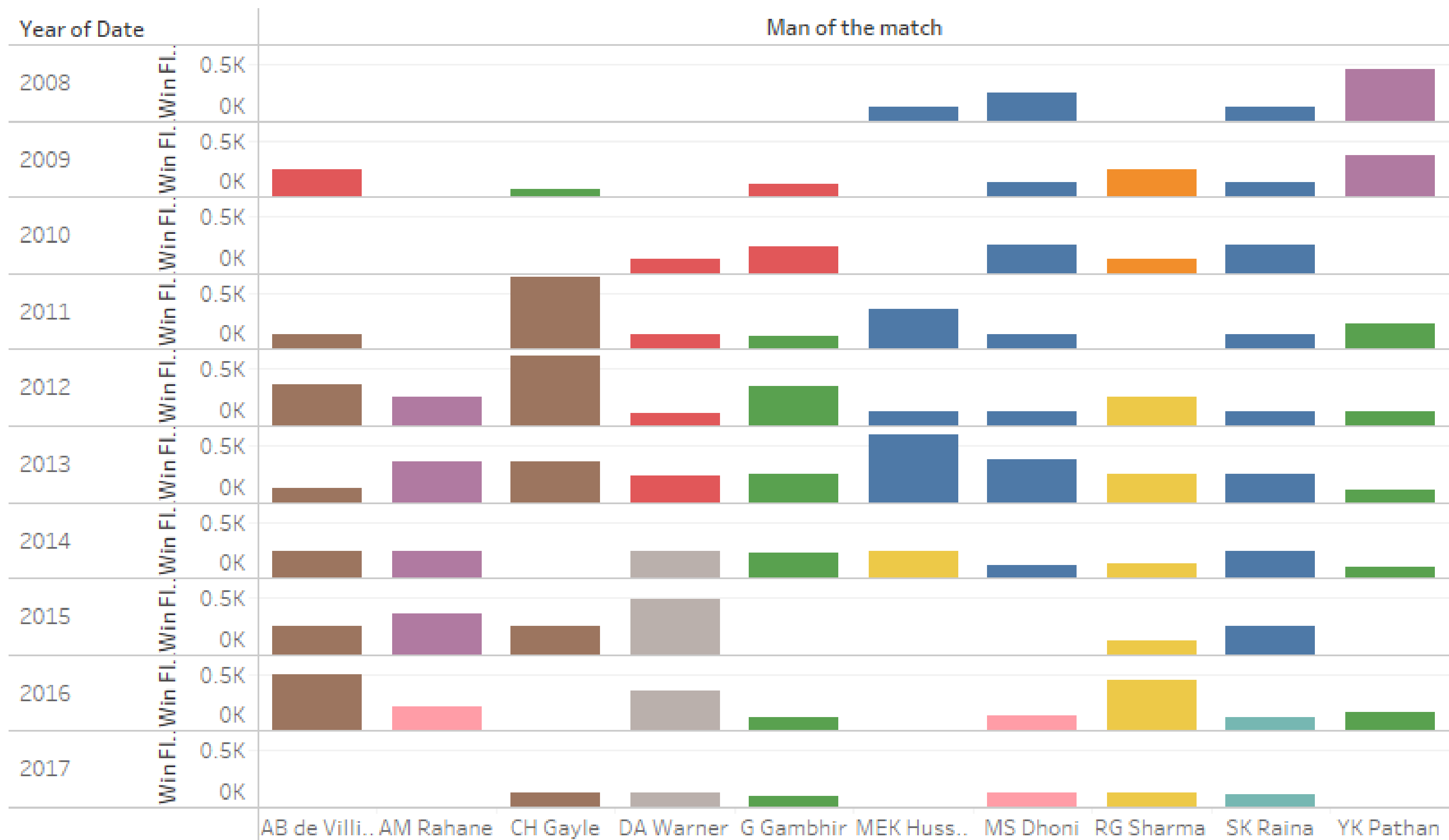
V Sehwag



TEAM STATISTICS



Season-wise team performance

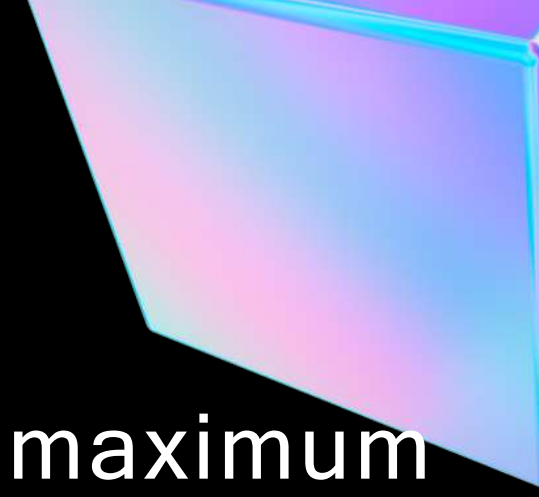


Win % (Home Vs Away)

Year of Date	Home	Away	NA
2008	51.2%	45.1%	49.7%
2009			49.1%
2010	54.3%	43.6%	49.2%
2011	56.1%	41.4%	47.0%
2012	44.8%	53.1%	50.3%
2013	69.8%	28.8%	49.5%
2014	46.7%	49.5%	49.4%
2015	55.9%	39.0%	50.2%
2016	43.1%	53.1%	48.2%
2017	53.7%	44.8%	44.7%

SUMMARY

- Even if the players won or lost the toss, most of them chose to do fielding.
- Biggest wins among IPL teams throughout the :
 - Runs : Mumbai Indians
 - Wickets : Kolkata Knight Riders
- Throughout the seasons, Chennai Super kings has the highest totals i.e., 246 runs in the year 2010.

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- The batsmen who have scored the maximum number of runs and wickets taken in a particular season (2012) :


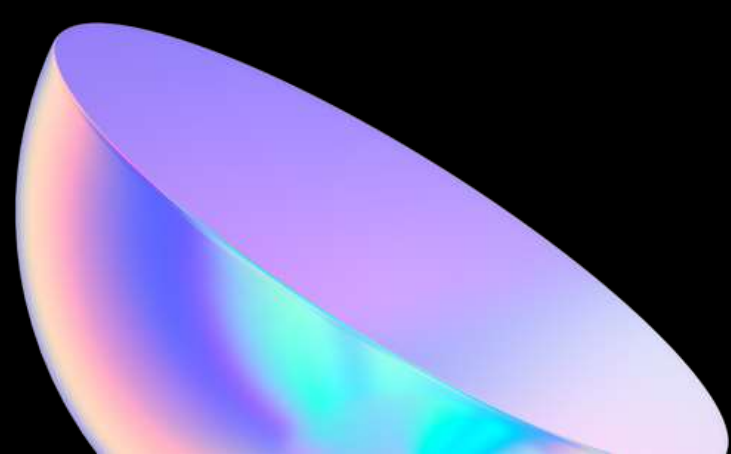
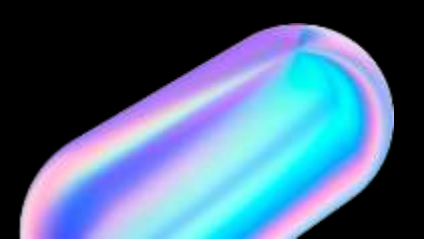
- Orange cap contenders : CH Gayle (733)
- Purple cap contenders : SL Malinga (25)

- Batsman who hits most no. of fours and sixes in a particular season (2012):

- Fours : AM Rahanne (73)
- Sixes : CH Gayle (59)

Overall season :

- Fours : G Gambhir (484)
 - Sixes : CH Gayle (266)
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- 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 %.
 - CH Gayle (RCB) became a man of the man in year 2011-2012 . Moreover, MEK Hussey (CSK) has the highest win flag score in 2013.
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THANK YOU