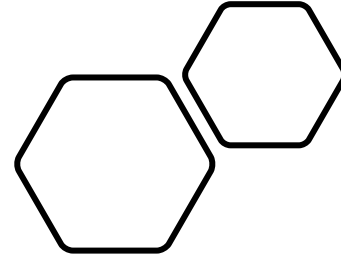


# IPL Visualization Assignment

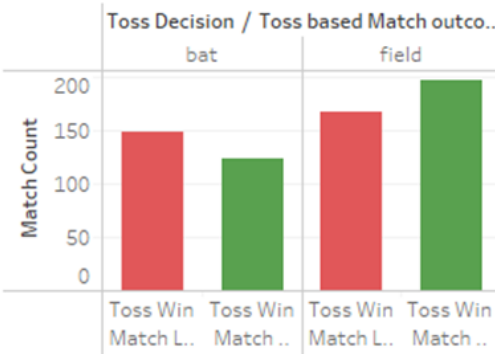


Vibha Kashyap

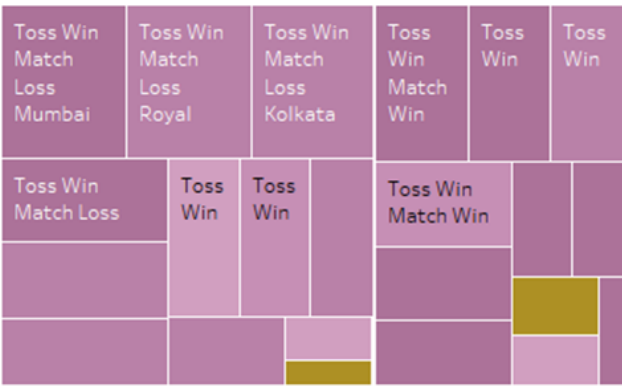
# Match Statistics Dashboard

## Match Statistics

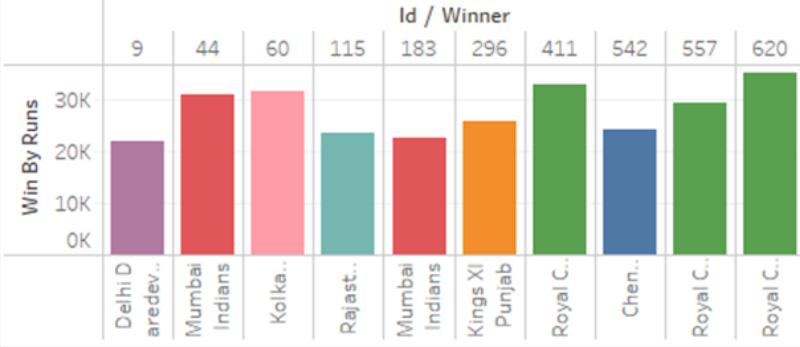
Toss decision vs Match outcome  
(for each Ground/Venue)



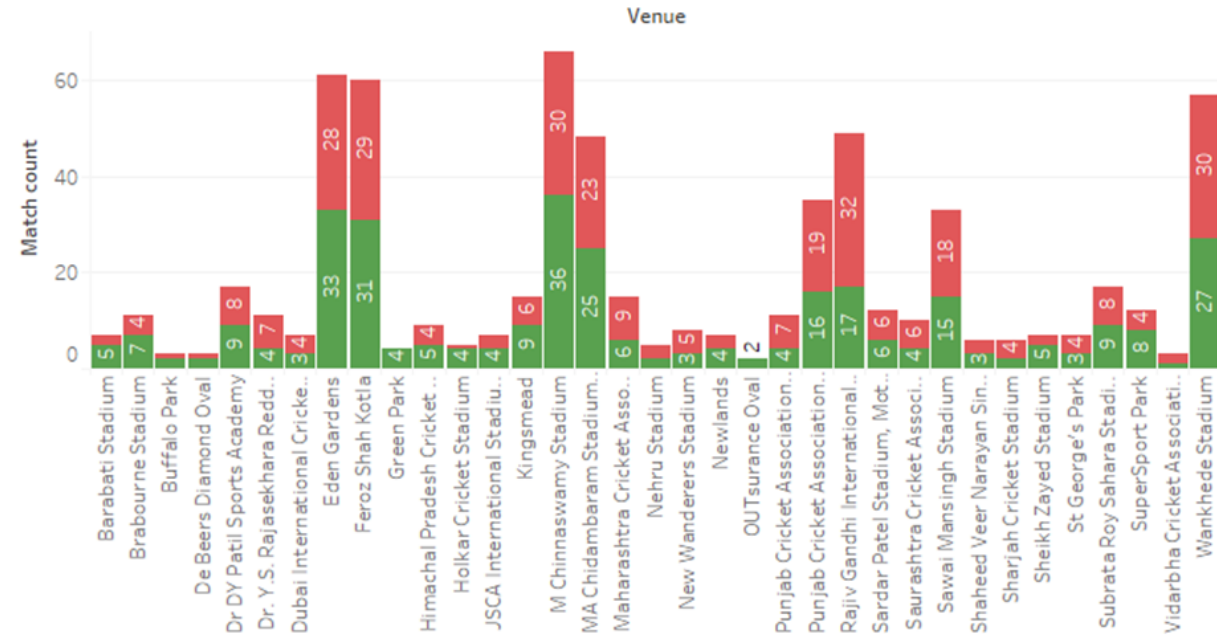
Biggest wins (by runs and by wicket)



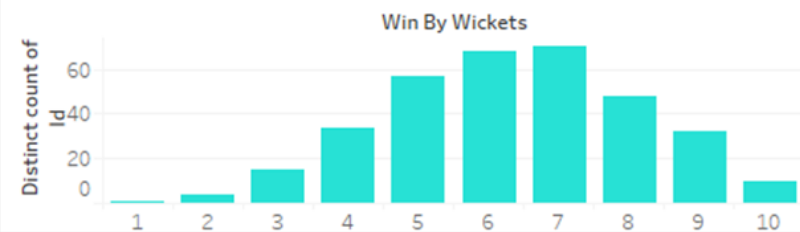
Biggest win by Runs



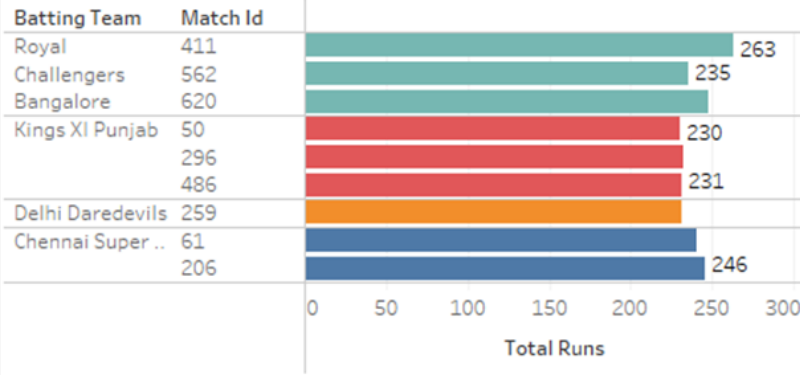
Toss outcome per venue



Biggest wins by Wickets

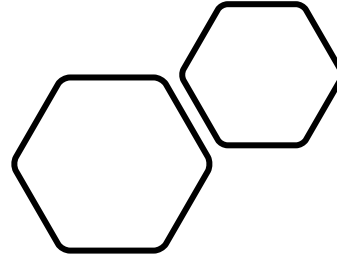


Highest Totals



- Venue
- ☒ Barabati Stadium
  - ☒ Brabourne Stadium
  - ☒ Buffalo Park
  - ☒ De Beers Diamond Oval
  - ☒ Dr DY Patil Sports Academy
  - ☒ Dr. Y.S. Rajasekhara Reddy
  - ☒ Dubai International Cricket Stadium
  - ☒ Eden Gardens
  - ☒ Feroz Shah Kotla
  - ☒ Green Park
  - ☒ Himachal Pradesh Cricket Stadium
  - ☒ Holkar Cricket Stadium
  - ☒ JSCA International Stadium
  - ☒ Kingsmead
  - ☒ M Chinnaswamy Stadium
  - ☒ MA Chidambaram Stadium
  - ☒ Maharashtra Cricket Association
  - ☒ Nehru Stadium
  - ☒ New Wanderers Stadium
  - ☒ Newlands
  - ☒ OUTsurance Oval
  - ☒ Punjab Cricket Association
  - ☒ Punjab Cricket Association
  - ☒ Rajiv Gandhi International
  - ☒ Sardar Patel Stadium
  - ☒ Saurashtra Cricket Association
  - ☒ Sawai Mansingh Stadium
  - ☒ Shaheed Veer Narayan Sinha
  - ☒ Sharjah Cricket Stadium
  - ☒ Sheikh Zayed Stadium
  - ☒ St George's Park
  - ☒ Subrata Roy Sahara Stadium
  - ☒ SuperSport Park
  - ☒ Vidarbha Cricket Association
  - ☒ Wankhede Stadium

# Match Statistics Dashboard



- In general, the chances of winning is higher when the toss winning team chooses to field first.
- M Chinnaswamy Stadium has been the most played in stadium wherein probability of winning is higher when the toss winner chose to field.
- Biggest wins by runs has been by Royal Challengers Bengaluru who won by 263 runs.

# Player Statistics Dashboard

## Player Statistics

### Orange cap contenders

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

### Purple cap contenders

SL Malinga 114	Harbhajan Singh 88	R Vinay Kumar 83	B Kumar 81
A Mishra 98	PP Chawla 88		
DJ Bravo 98	A Nehra 87	DW Steyn 81	Z Khan 77

Year of Date

- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015

Year of Date

- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015

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- ☒ 2008
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- ☒ 2013
- ☒ 2014
- ☒ 2015

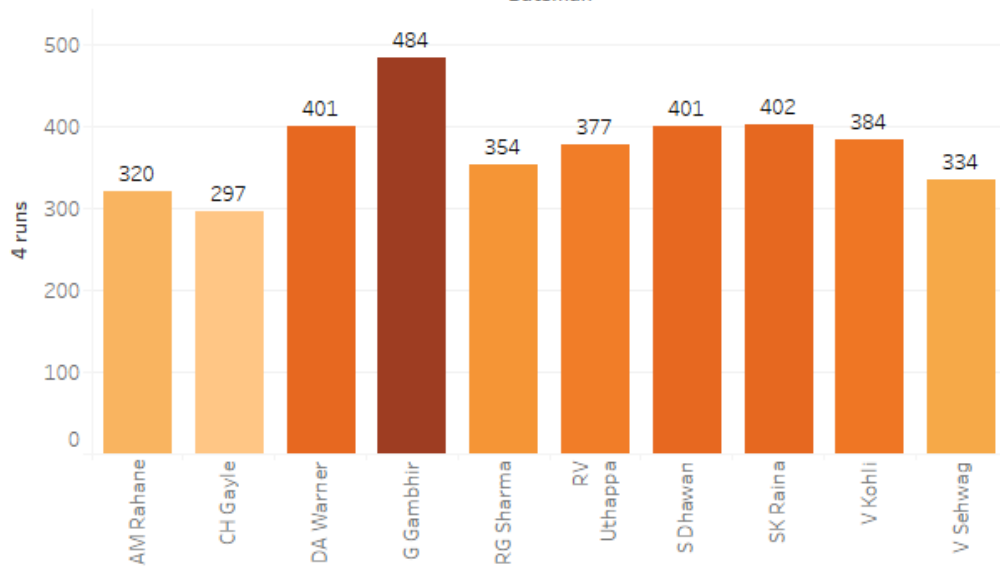
TopN  
15

Year of Date

- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015

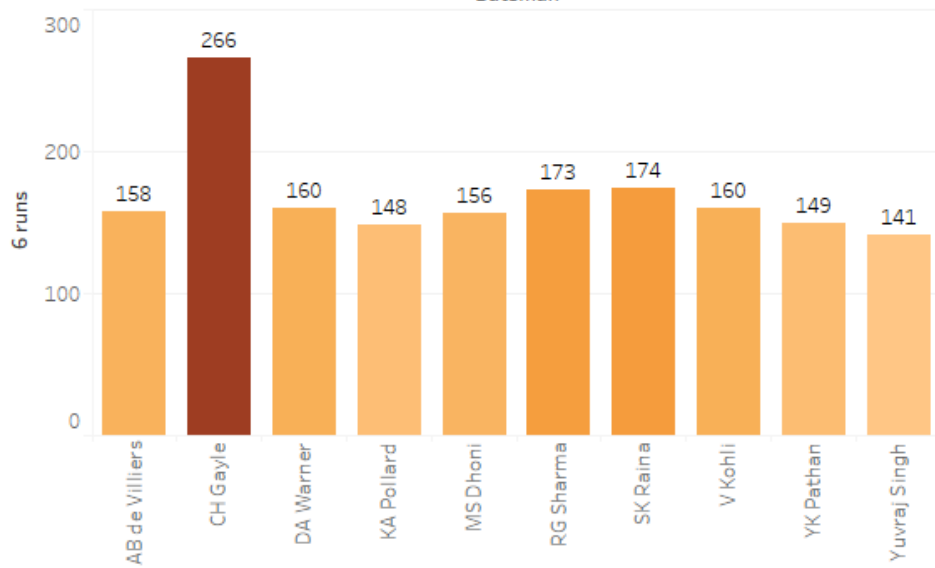
### Maximum 4s

Batsman

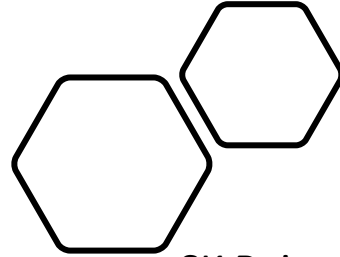


### Maximum 6s

Batsman



# Player Statistics Dashboard

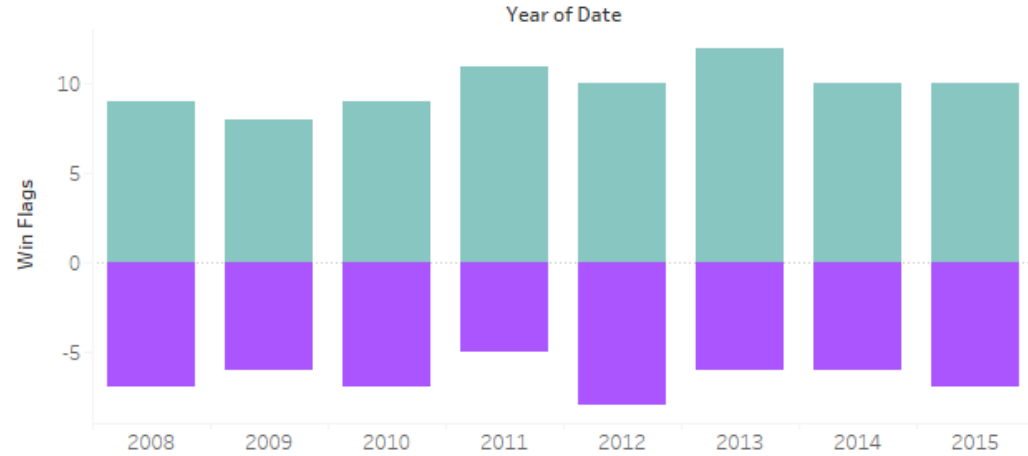


- SK Raina is the top contender for Orange Cap with 4548 runs throughout all the seasons followed by V Kohli with 4423 runs.
- SL Malinga is the top contender for Purple cap with 114 wickets throughout all seasons, followed by A Mishra with 98 wickets.
- The player who hit the greatest number of 4s is G Gambhir with 484 number of 4s.
- The player who hit the greatest number of 6s is CH Gayle with 266 number of 6s

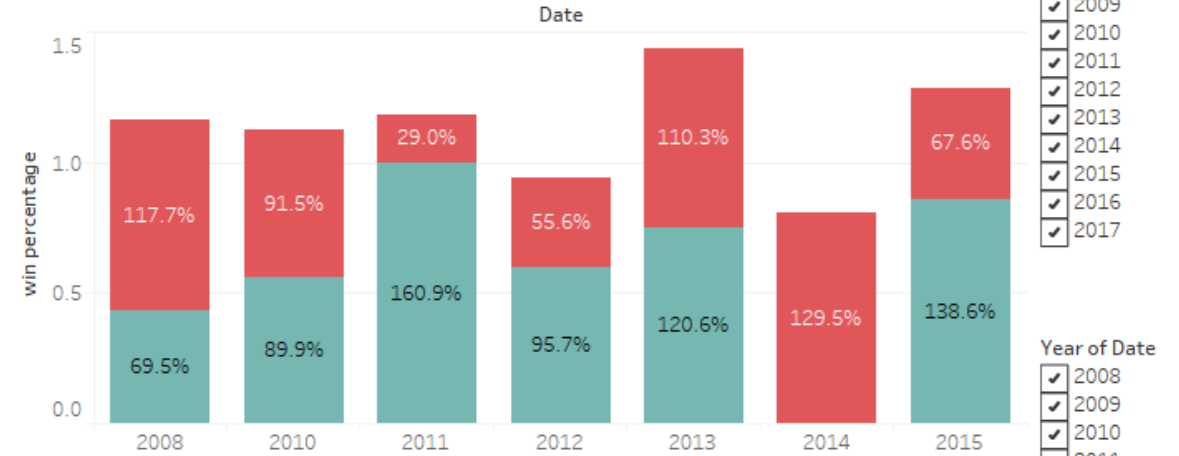
# Team Statistics Dashboard

## Team Statistics

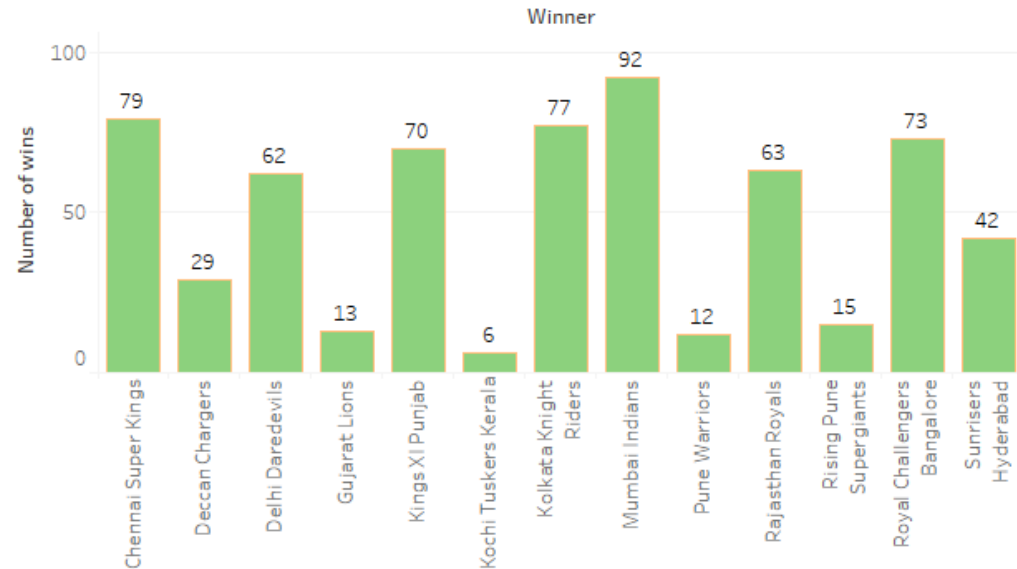
### Season-wise Team Performance



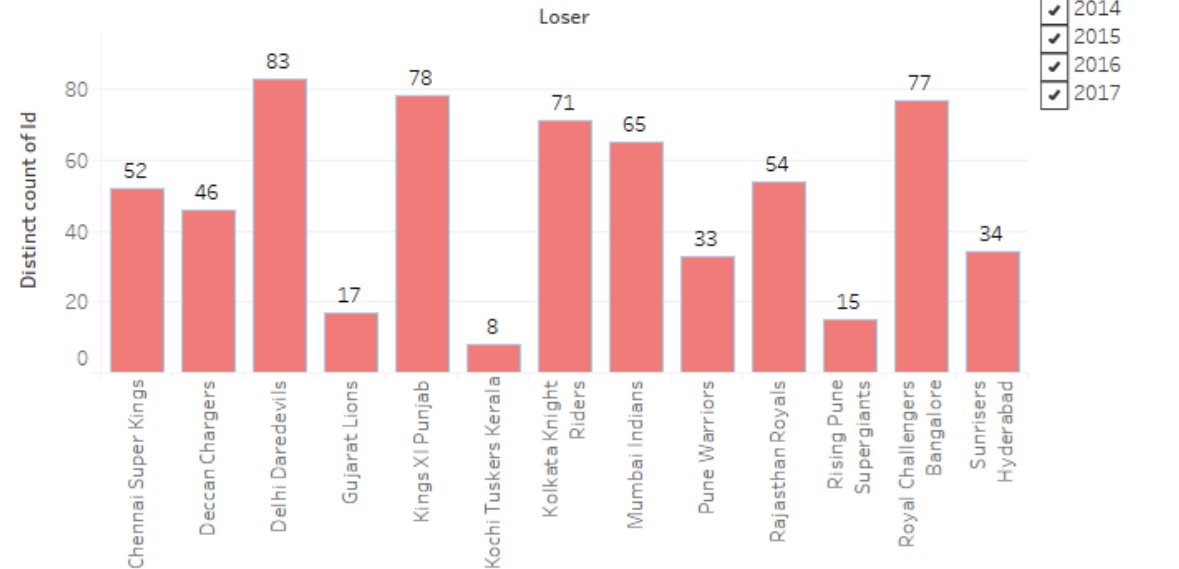
### Win Percentage(Home vs. Away)



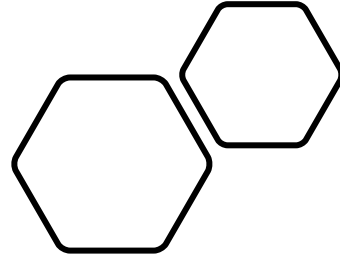
### Season-wise wins



### Season-wise losses



# Player Statistics Dashboard



- 2011 saw the best performance compared to other years.
- Mumbai Indians and Chennai Super Kings have been the most successful teams.
- Delhi Daredevils and Kings XI Punjab have been the least successful teams.

END

