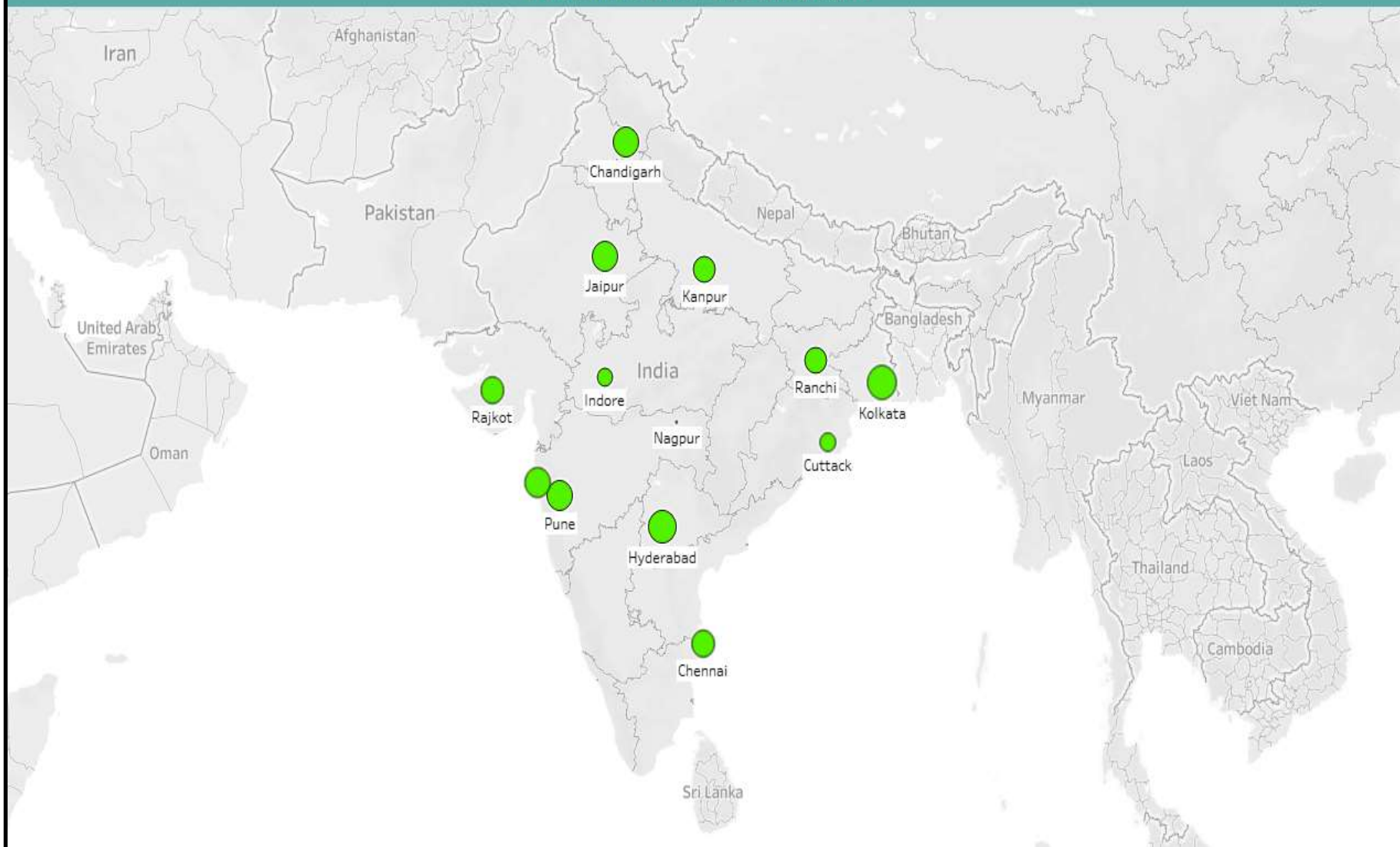


# IPL Data Visualization Using Tableau



Talloji Kishore

## Locations of the IPL teams played



## Toss outcome vs Match outcome

Toss outcome vs match winners / Toss Decision

Toss Winner lost

Toss Winner won

Distinct count of Id

200  
180  
160  
140  
120  
100  
80  
60  
40  
20  
0

bat

field

bat

field

Venue

- ☒ (All)
- ☒ Barabati Stadium
- ☒ Brabourne Stadium
- ☒ Buffalo Park
- ☒ De Beers Diamond Oval
- ☒ Dr DY Patil Sports Academy
- ☒ Dr. Y. S. Rajasekhara Reddy ACA-VDC...
- ☒ Dubai International Cricket Stadium
- ☒ Eden Gardens
- ☒ Feroz Shah Kotla
- ☒ Green Park
- ☒ Himachal Pradesh Cricket Associatio...
- ☒ Holkar Cricket Stadium
- ☒ JSCA International Stadium Complex
- ☒ Kingsmead
- ☒ M Chinnaswamy Stadium
- ☒ MA Chidambaram Stadium, Chepauk
- ☒ Maharashtra Cricket Association Sta...
- ☒ Nehru Stadium
- ☒ New Wanderers Stadium
- ☒ Newlands
- ☒ OUTsurance Oval
- ☒ Punjab Cricket Association IS Bindra ...
- ☒ Punjab Cricket Association Stadium, ...
- ☒ Rajiv Gandhi International Stadium, ...
- ☒ Sardar Patel Stadium, Motera
- ☒ Saurashtra Cricket Association Stadi...
- ☒ Sawai Mansingh Stadium
- ☒ Sheikh Vasekha Singh Stadium

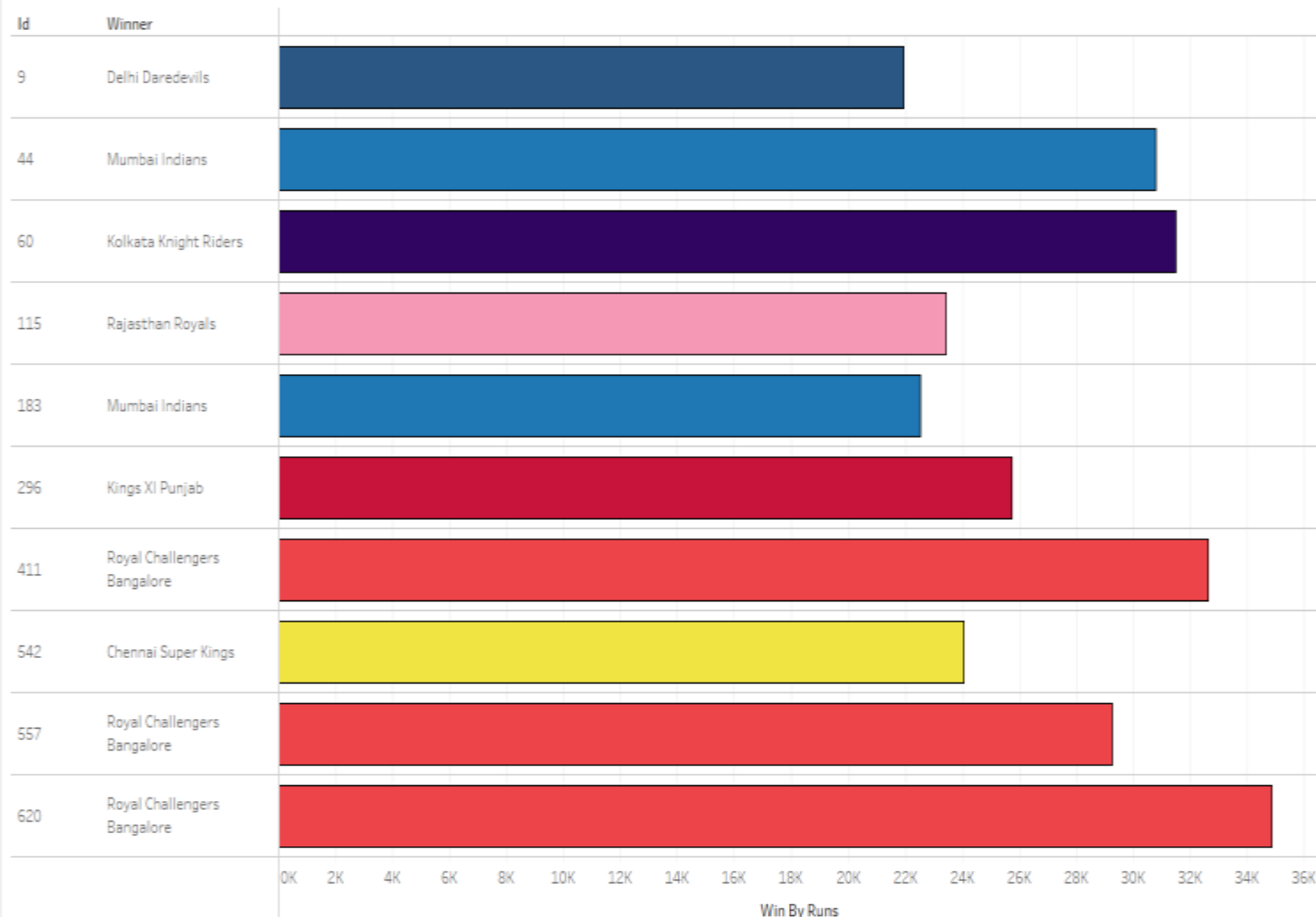
Toss Decision

- bat
- field

Toss Decision

- bat
- field

## Biggest Wins by Runs(Top 10)



Id

☒ (All)

☒ 1

☒ 2

☒ 3

☒ 4

☒ 5

☒ 6

☒ 7

☒ 8

☒ 9

☒ 10

☒ 11

☒ 12

☒ 13

☒ 14

☒ 15

☒ 16

☒ 17

☒ 18

☒ 19

☒ 20

☒ 21

☒ 22

☒ 23

Limit

Top 10 by SUM([Win By Runs])

Winner

☒ Chennai Super Kings

☒ Delhi Daredevils

☒ Kings XI Punjab

☒ Kolkata Knight Riders

☒ Mumbai Indians

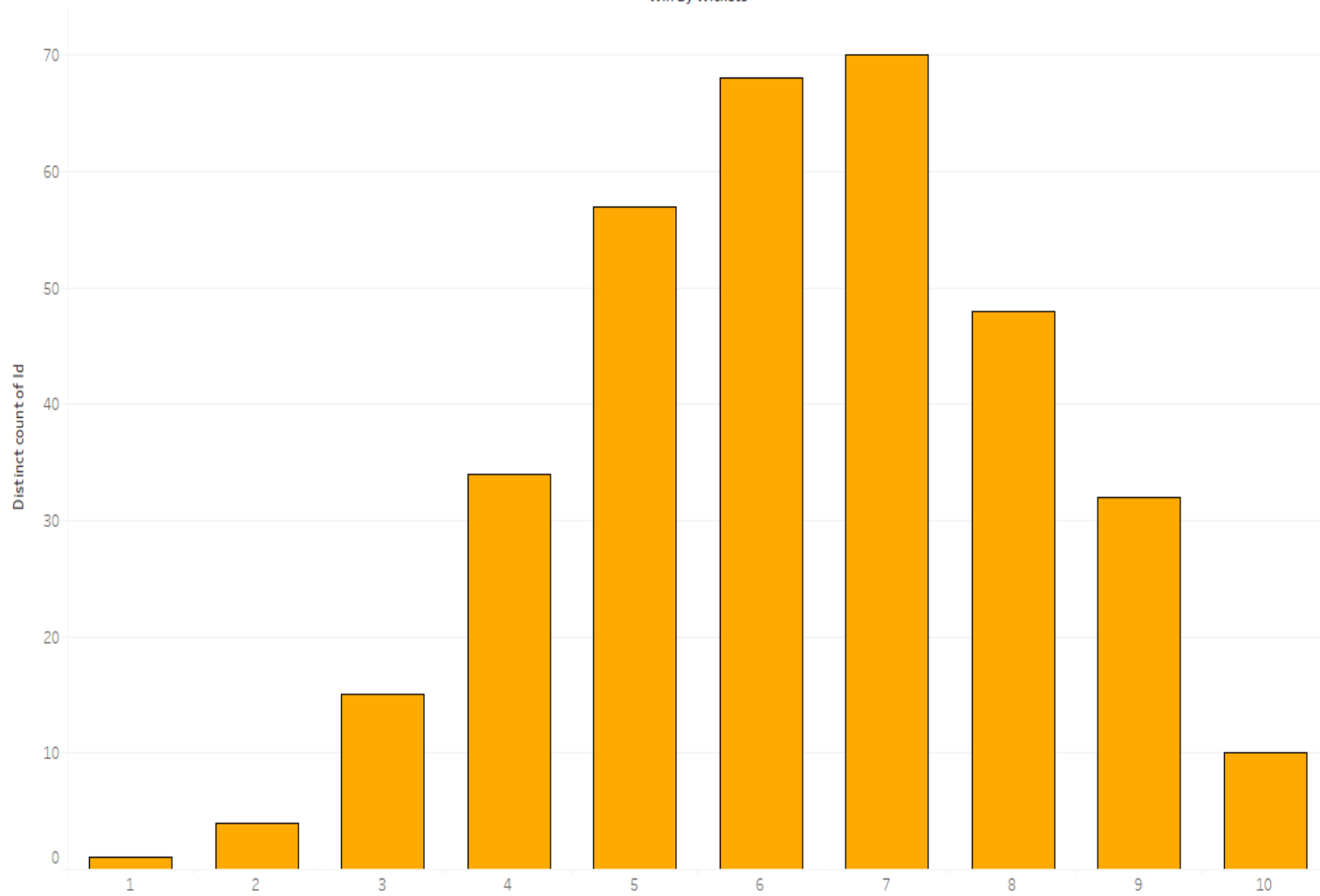
☒ Rajasthan Royals

☒ Royal Challengers Ba..

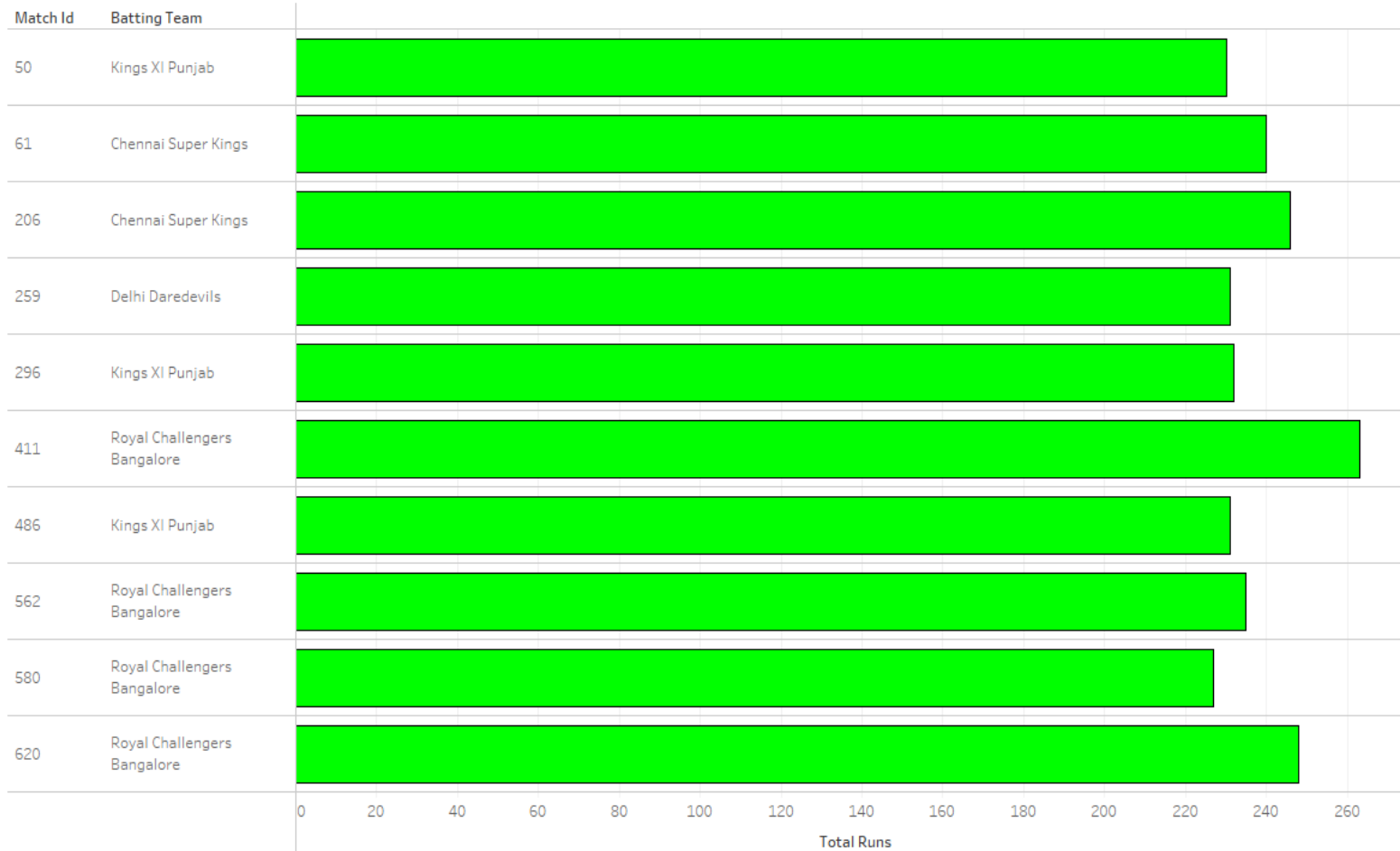
## Wins by Wickets (Disturbution)

Win By Wickets

Win By Wickets



## Highest Totals



YEAR(Date) Set

- ☒ (All)
- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015
- ☒ 2016
- ☒ 2017

Match\_innings

- ☒ (All)
- ☒ 1\_1
- ☒ 1\_2
- ☒ 2\_1
- ☒ 2\_2
- ☒ 3\_1
- ☒ 3\_2
- ☒ 4\_1

Limit

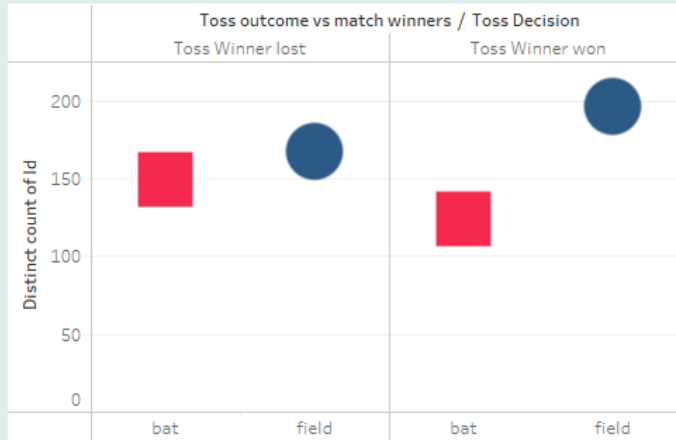
Top 10 by SUM([Total Runs])

YEAR(Date) Set

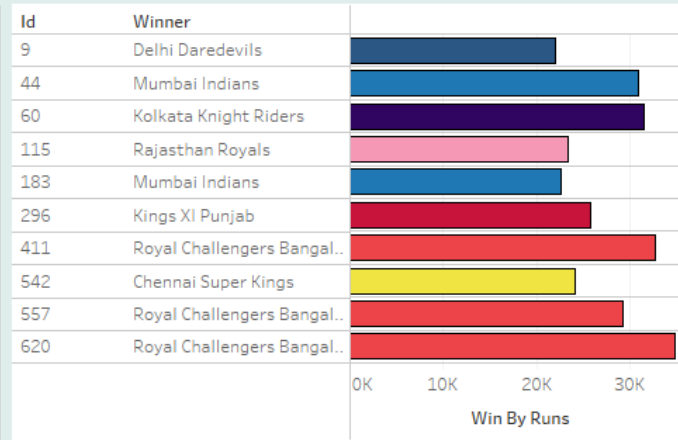
- ☒ (All)
- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015
- ☒ 2016
- ☒ 2017

## Match Statistics

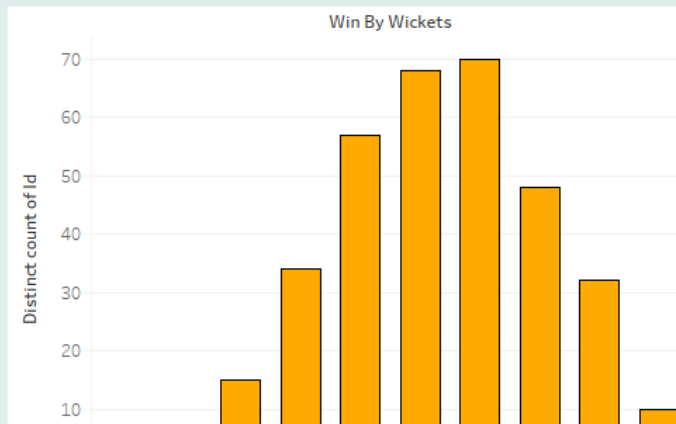
Toss outcome vs Match outcome



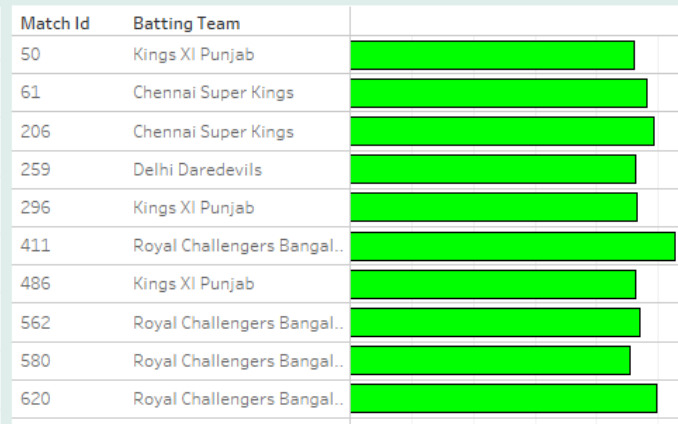
Biggest Wins by Runs(Top 10)



Wins by Wickets (Disturbution)



Highest Totals



## Orange Cap contenders

SK Raina	G Gambhir	CH Gayle	S Dhawan
V Kohli	DA Warner	MS Dhoni	
RG Sharma	RV Uthappa	AB de Villiers	

### Batsman

- ☒ (All)
- ☒ A Ashish Reddy
- ☒ A Chandila
- ☒ A Chopra
- ☒ A Choudhary
- ☒ A Flintoff
- ☒ A Kumble
- ☒ A Mishra

### Limit

Top 10 by SUM([Batsman Runs])

### Batting Team

- ☒ (All)
- ☒ Chennai Super Ki...
- ☒ Deccan Chargers
- ☒ Delhi Daredevils
- ☒ Gujarat Lions
- ☒ Kings XI Punjab
- ☒ Kochi Tuskers Ke...
- ☒ Kolkata Knight R...

### YEAR(Date)

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

### SUM(Batsman Runs)

3,486 4,548



## Purple Cap contenders

SL Malinga	PP Chawla	A Nehra	R Vinay Kumar
A Mishra	DJ Bravo	Z Khan	
Harbhajan Singh	B Kumar	R Ashwin	

### Bowler

- ☒ (All)
- ☒ A Ashish Reddy
- ☒ A Chandila
- ☒ A Choudhary
- ☒ A Flintoff
- ☒ A Kumble
- ☒ A Mishra
- ☒ A Mithun

### Limit

Top 10 by COUNT([Player  
Dismissed])

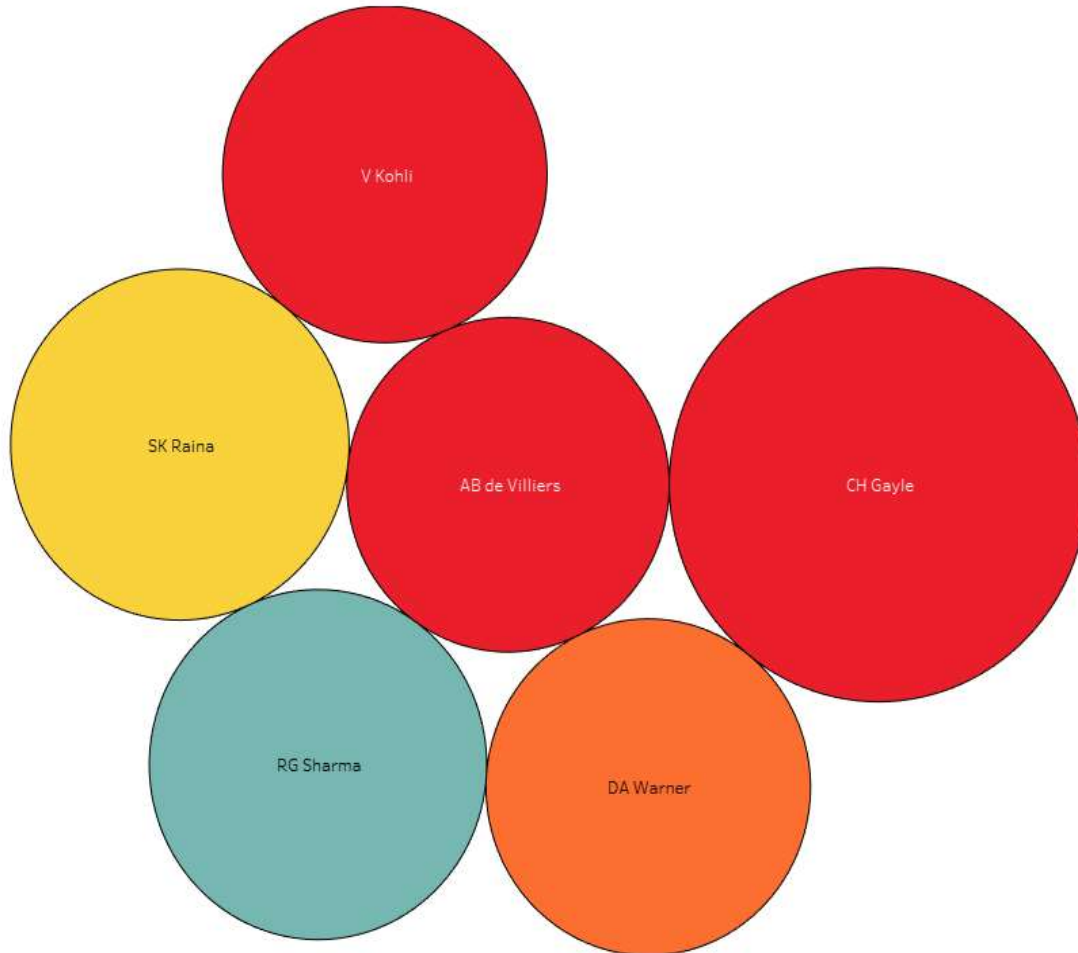
### YEAR(Date)

- ☒ (All)
- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015
- ☒ 2016
- ☒ 2017

### Dismissal Kind

- ☐ (All)
- ☒ Null
- ☒ bowled
- ☒ caught
- ☒ caught and bowl...
- ☒ hit wicket
- ☒ lbw
- ☐ obstructing the ...
- ☐ retired hurt
- ☐ run out
- ☒ stumped

## Most Sixes



YEAR(Date)

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

Batting Team

- ☒ (All)
- ☒ Chennai Super Ki...
- ☒ Deccan Chargers
- ☒ Delhi Daredevils
- ☒ Gujarat Lions
- ☒ Kings XI Punjab
- ☒ Kochi Tuskers Ke...
- ☒ Kolkata Knight B...

Bowling Team

- ☒ (All)
- ☒ Chennai Super Ki...
- ☒ Deccan Chargers
- ☒ Delhi Daredevils
- ☒ Gujarat Lions
- ☒ Kings XI Punjab
- ☒ Kochi Tuskers Ke...
- ☒ Kolkata Knight B...

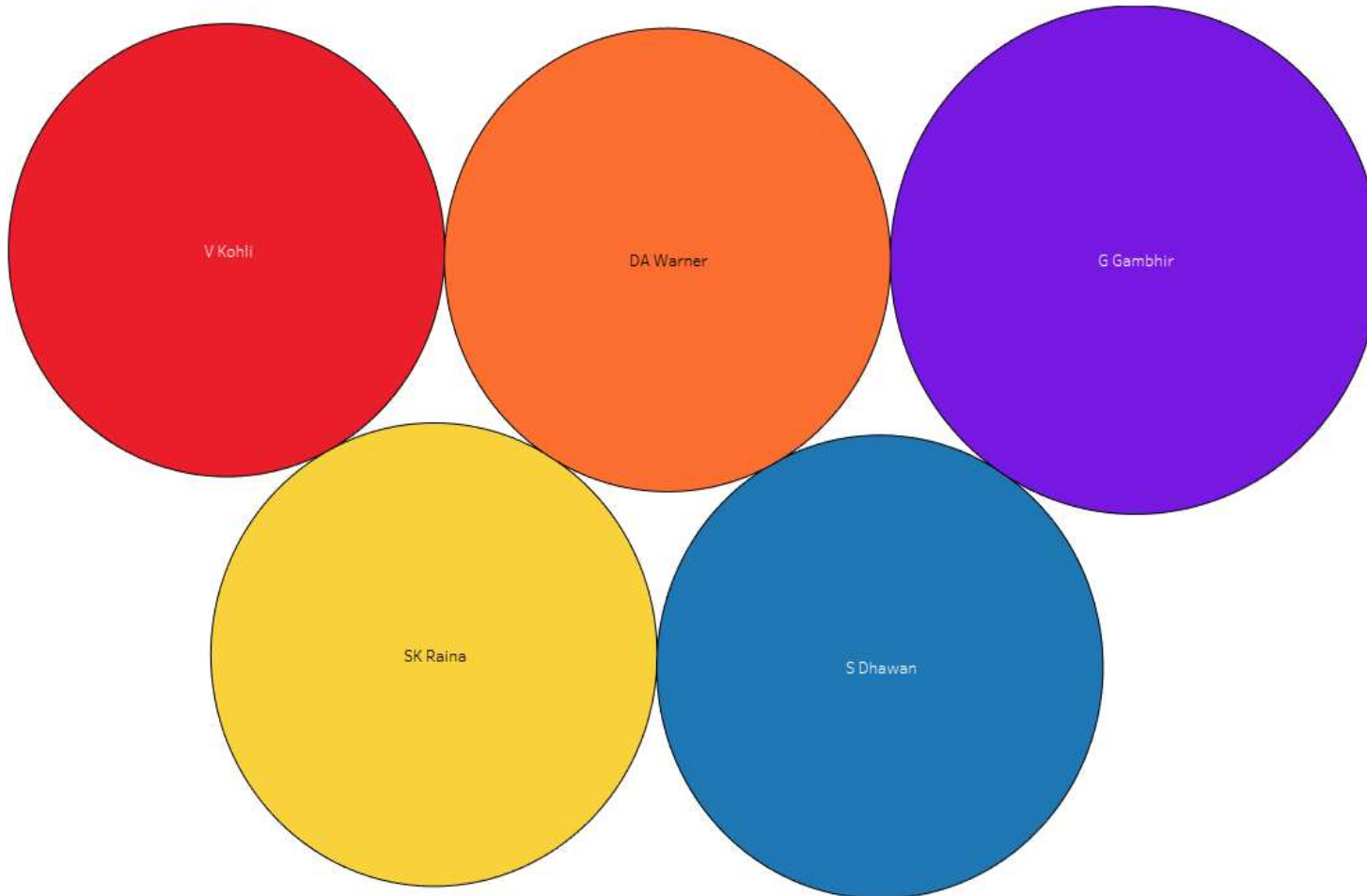
Batsman

- ☒ (All)
- ☒ A Ashish Reddy
- ☒ A Chandila
- ☒ A Chopra
- ☒ A Choudhary

Limit

Top 6 by [Sixes]

## Most Fours



### Batsman

- ☒ (All)
- ☒ A Ashish Reddy
- ☒ A Chandila
- ☒ A Chandra

### Limit

Top 5 by [Fours]

### Bowling Team

- ☒ (All)
- ☒ Chennai Super Ki...
- ☒ Deccan Chargers
- ☒ Delhi Daredevils
- ☒ Gujarat Lions
- ☒ Kings XI Punjab

### Batting Team

- ☒ (All)
- ☒ Chennai Super Ki...
- ☒ Deccan Chargers
- ☒ Delhi Daredevils
- ☒ Gujarat Lions
- ☒ Kings XI Punjab

### YEAR(Date)

- ☒ (All)
- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012

### Batsman

- ☒ DA Warner
- ☒ G Gambhir
- ☒ S Dhawan
- ☒ SK Raina
- ☒ V Kohli

## Player Statistics

### Orange Cap contenders

SK Raina	G Gambhir	CH Gayle	S Dhawan
V Kohli	DA Warner	MS Dhoni	
RG Sharma	RV Uthappa	AB de Villiers	

### Purple Cap contenders

SL Malinga	PP Chawla	A Nehra	R Vinay Kumar
A Mishra	DJ Bravo	Z Khan	
Harbhajan Singh	B Kumar	R Ashwin	

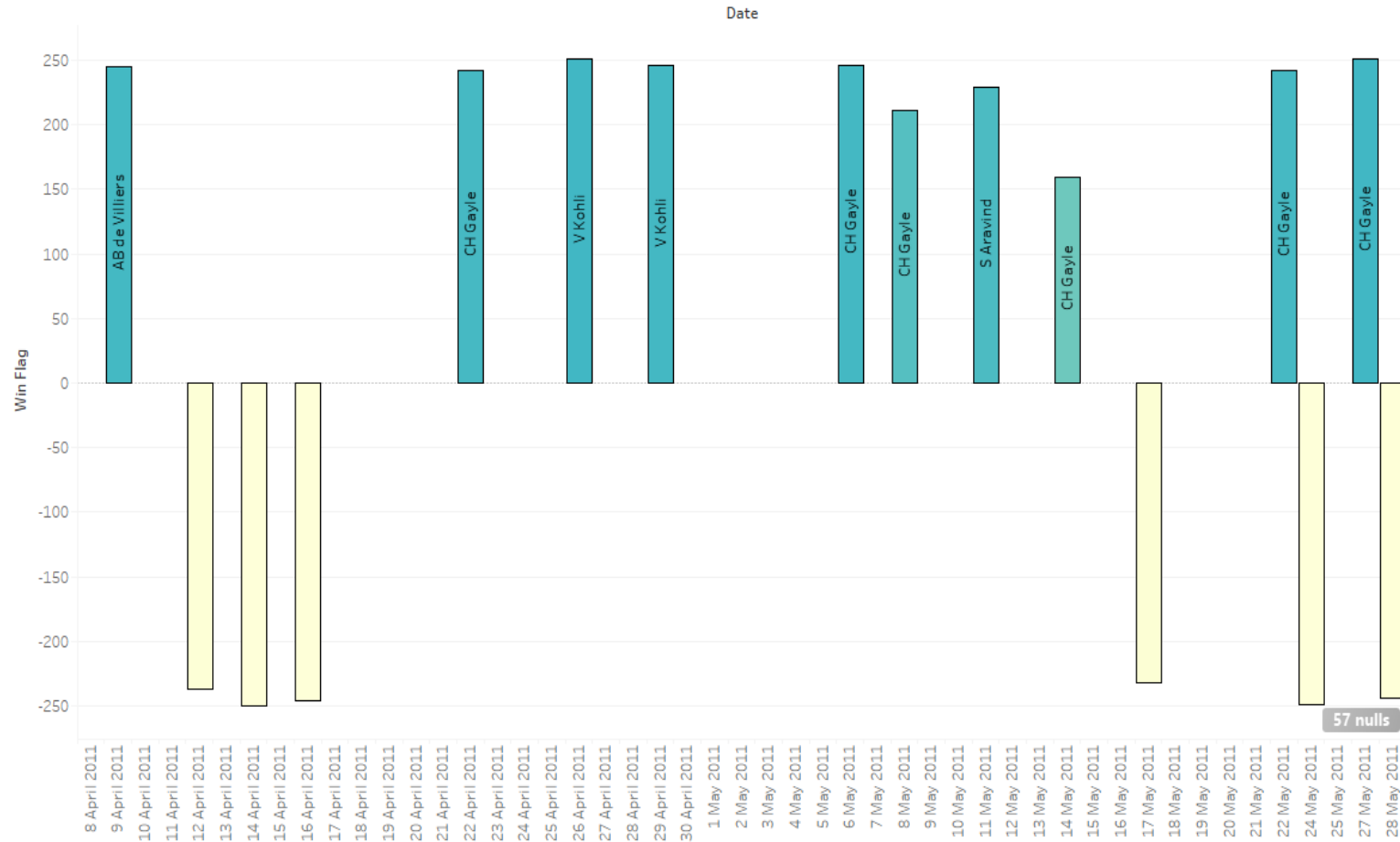
### Most Sixes



### Most Fours



## Season-wise team performance



YEAR(Date)

- ☐ (All)
- ☐ 2008
- ☐ 2009
- ☐ 2010
- ☒ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014
- ☐ 2015
- ☐ 2016
- ☐ 2017

Teams

Royal Challengers Ban..

## Win % Home vs Away

Year of Date	Home vs Away		
	Away	Home	NA
2008	44.53%	14.91%	
2012	62.07%	42.48%	
2013	28.49%	86.71%	0.00%
2017	35.10%	17.60%	0.00%
2010	41.52%	55.19%	44.30%
2015	72.85%	25.30%	49.49%
2011	49.87%	82.33%	50.20%
2014	0.00%	40.64%	51.72%
2009			56.39%
2016	50.34%	54.12%	100.00%

### Home vs Away

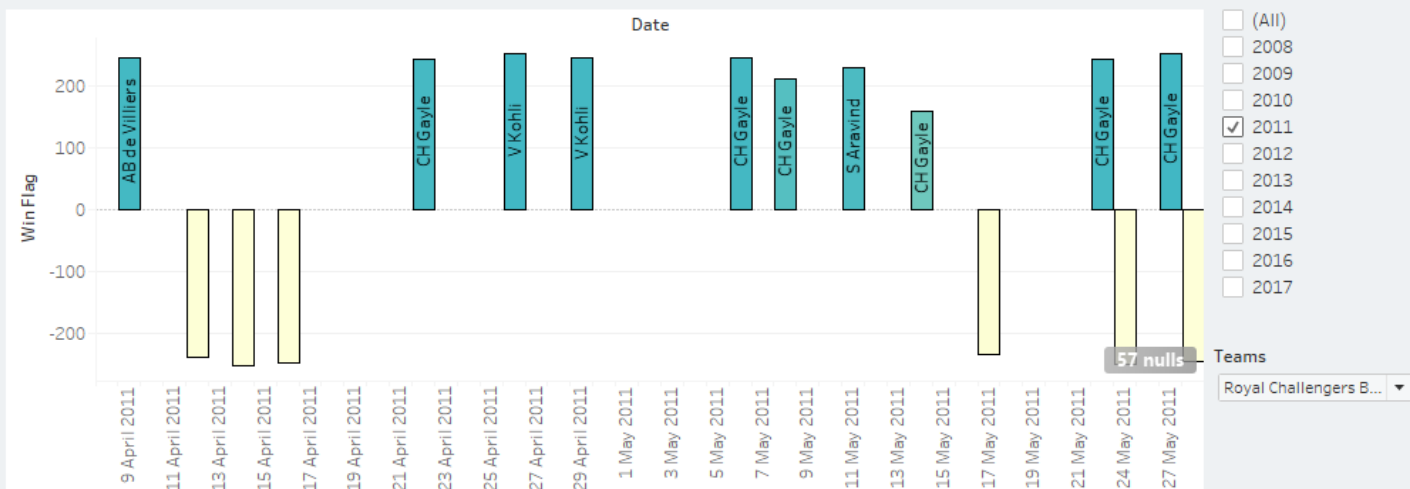
- ☐ (All)  
☐ Null  
☒ Away  
☒ Home  
☒ NA

### Teams

Royal Challengers Ban... ▼

## Team Statistics

Season-wise team performance



Win % Home vs Away

Year of Date	Home vs Away			Win Flag
	Away	Home	NA	
2008	44.53%	14.91%		
2012	62.07%	42.48%		
2013	28.49%	86.71%	0.00%	
2017	35.10%	17.60%	0.00%	
2010	41.52%	55.19%	44.30%	
2015	72.85%	25.30%	49.49%	
2011	49.87%	82.33%	50.20%	
2014	0.00%	40.64%	51.72%	
2009			56.39%	
2016	50.34%	54.12%	100.00%	

Home vs Away

- ☐ (All)
- ☐ Null
- ☒ Away
- ☒ Home
- ☒ NA

# Summary of the entire analysis

- Chennai Super Kings, Mumbai Indians and Kolkata Night Riders are the most successful teams in IPL.
- Average score when team batting first is close to 164.
- Highest scores achieved in Bengaluru followed by Dharmasala and Rajkot. It clearly indicates these stadium favors batting pitch.
- Mumbai Indians won the highest toss winners among the other teams
- Highest number of matches conducted in Mumbai, Kolkata, Bengaluru and Delhi
- Chennai Super Kings and Mumbai Indians won the IPL championship for three times.
- Highest scores achieved in IPL Finals by Sunrisers Hyderabad and Chennai Super Kings
- Highest number of matches conducted in Chinnaswamy Stadium, Bengaluru. Matches were conducted in two different stadiums in Mumbai.
- 76 matches was conducted in 2012 & 2013 seasons.
- More number of matches happened in night.
- Chennai Super King is a three times champions, five times Runners-up and two times qualified for Playoffs.
- Virat Kohli holds the record far highest runs in a single season of IPL.
- RCB holds the highest score in the IPL history of 263 & 248 in the year 2013 and 2016.