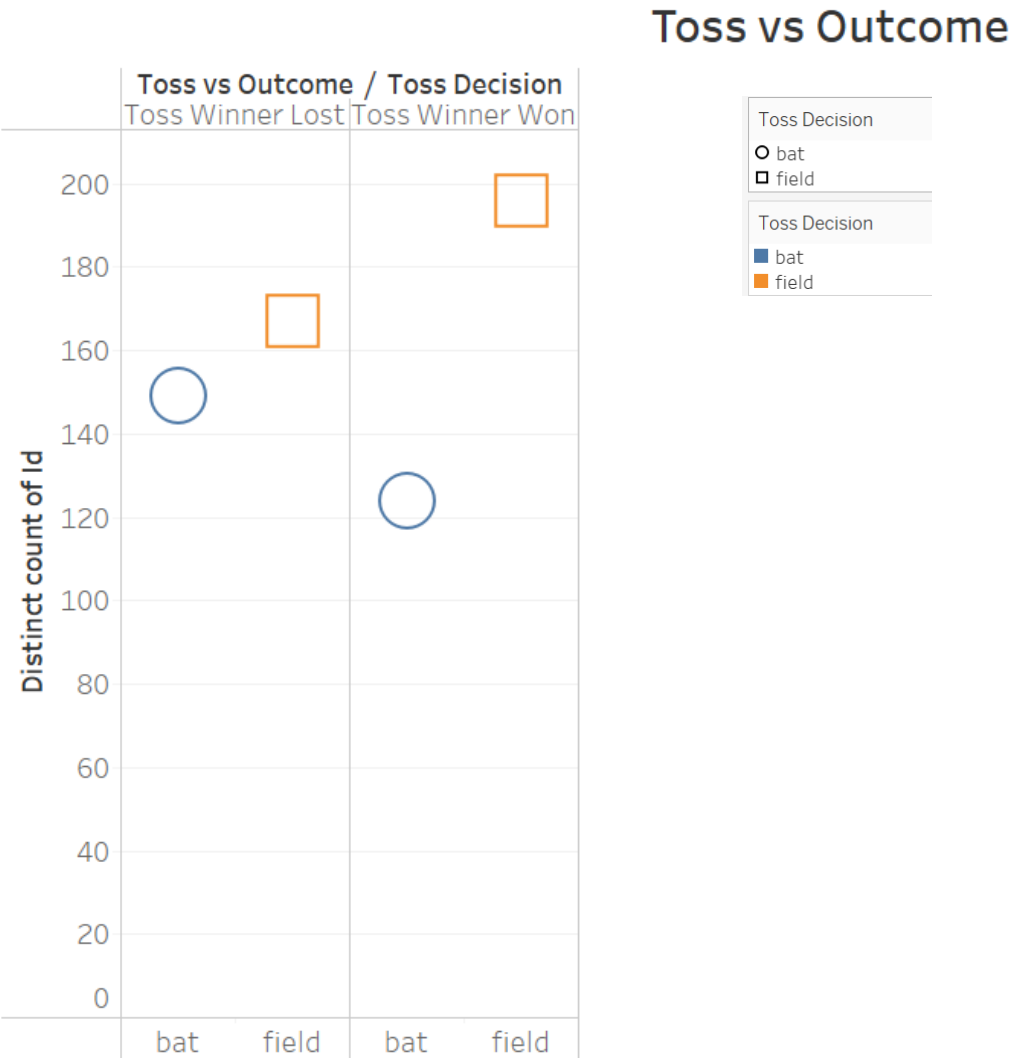


IPL Tableau Visualization Assignment

By:

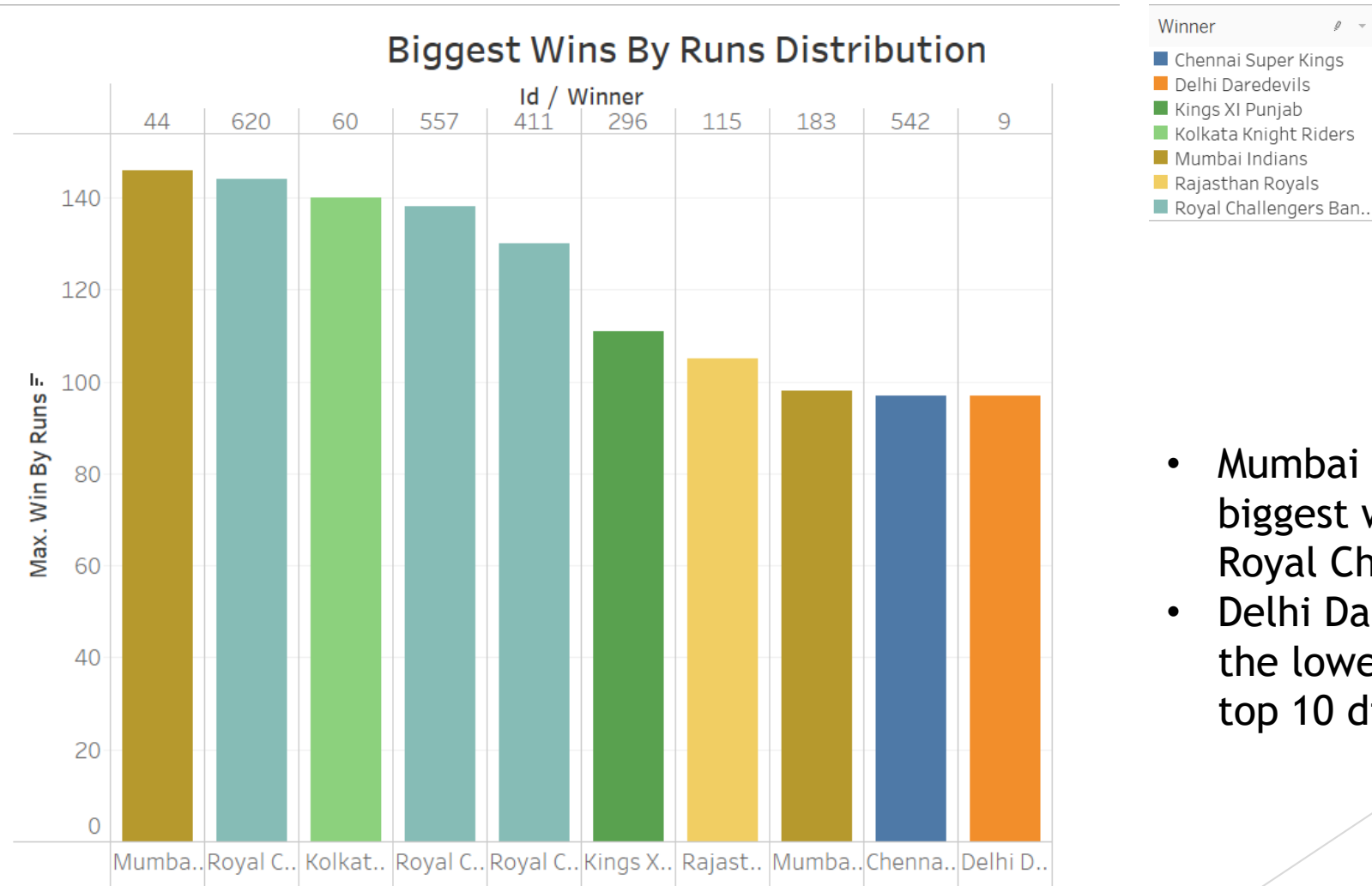
Sanjay Tom Perayil

Toss vs Outcome



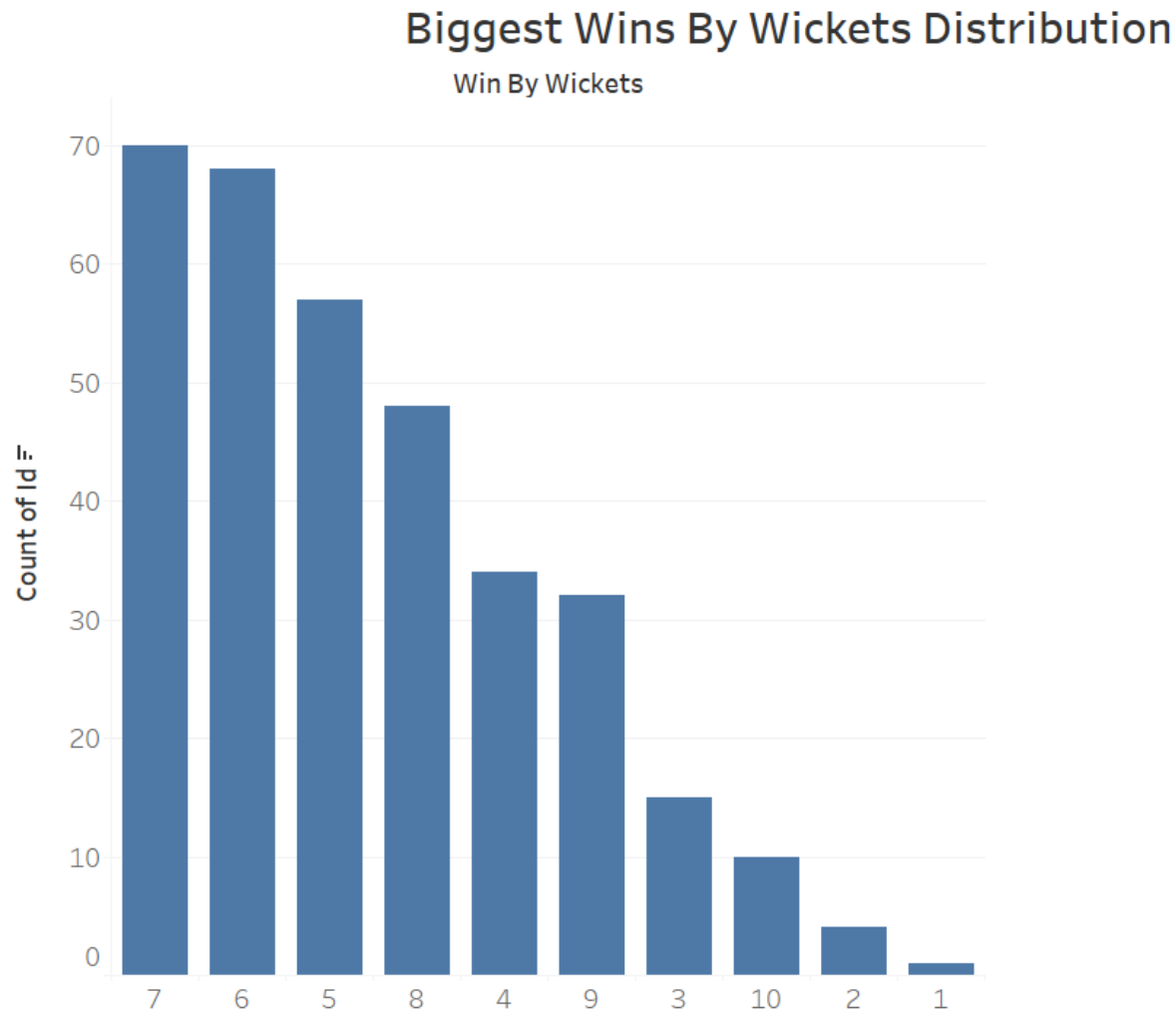
- We can see that the team fielding first after winning the toss are more likely to win.
- And, we can see that the team batting first after winning the toss are more likely to lose the match.

Biggest Wins By Runs Distribution



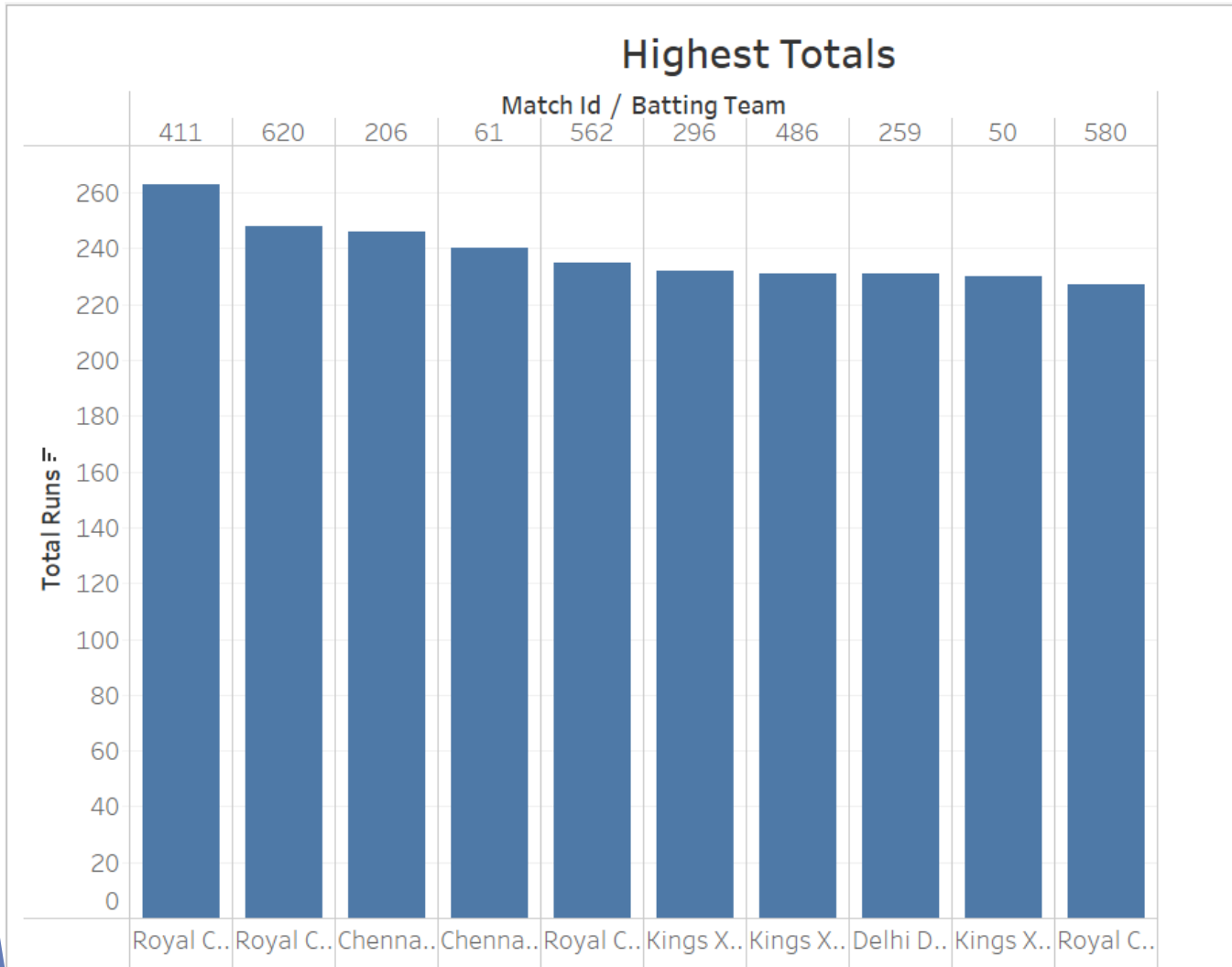
- Mumbai Indians leads the team to have biggest win margin by runs followed by Royal Challengers Bangalore.
- Delhi Daredevils was the team to have the lowest win margin by runs in the top 10 distribution.

Biggest Win By Wickets Distribution



- We can see that there are 70 teams which have won by 7 wickets margin and is the biggest win by wickets.
- This is followed by over 68 teams which have won by 6 wickets margin and is the 2nd biggest win by wickets.

Highest Totals



- We can see that Royal Challengers Bangalore has the highest total i.e. above 260 runs among all the seasons.
- We can also see that Royal
- Challengers Bangalore has also scored the second highest total among all the seasons.
- Also, Chennai Super Kings has the 3rd spot with 246 runs among top 10 highest totals.

Orange Cap Contenders

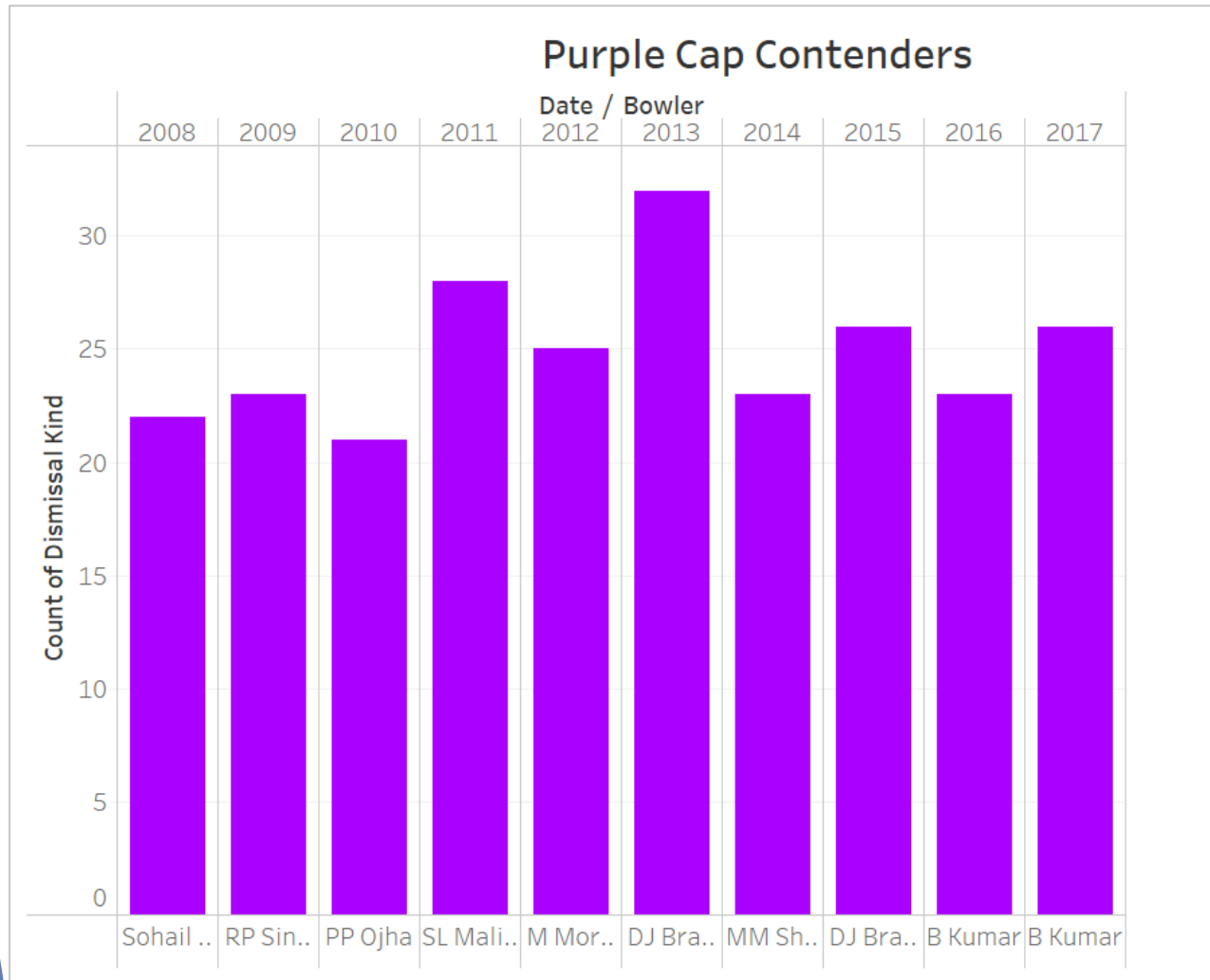
Orange Cap Contenders

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

Orange Cap Season Wise Winners

- 2008 - Gautam Gambhir - 534 runs
- 2009 - AB De Villiers - 465 runs
- 2010 - Suresh Raina - 528 runs
- 2011 - Chris Gayle - 608 runs
- 2012 - Chris Gayle - 733 runs
- 2013 - Chris Gayle - 720 runs
- 2014 - Robin Uthappa - 660 runs
- 2015 - David Warner - 562 runs
- 2016 - Virat Kohli - 973 runs
- 2017 - David Warner - 641 runs

Purple Cap Contenders

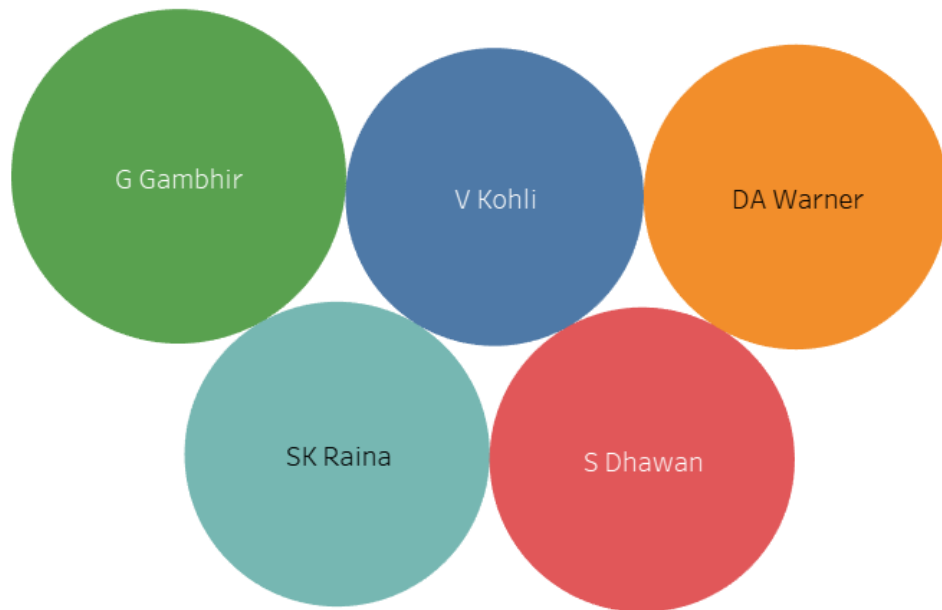


Purple Cap Season Wise Winners

- 2008 - Sohail Tanvir - 22 wickets
- 2009 - RP Singh - 23 wickets
- 2010 - PP Ojha - 21 wickets
- 2011 - SL Malinga - 28 wickets
- 2012 - M Morkel - 25 wickets
- 2013 - DJ Bravo - 32 wickets
- 2014 - MM Sharma - 23 wickets
- 2015 - DJ Bravo - 26 wickets
- 2016 - B Kumar - 23 wickets
- 2017 - B Kumar - 26 wickets

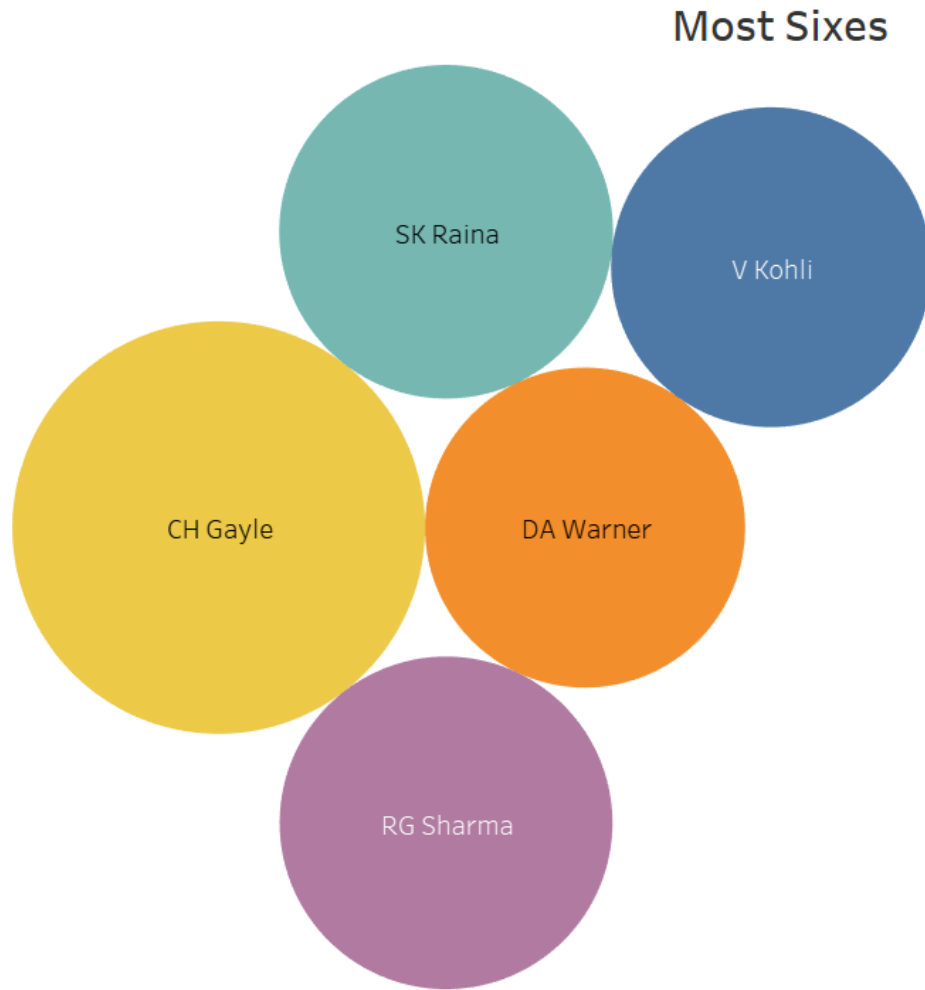
Most Four's Hit

Most Fours



- We can see that Gautam Gambhir is the batsman with most number of four's hit - 484 4's across all the seasons.
- And, we can also see that this is followed by Suresh Raina who comes 2nd with 402 4's hit.
- Followed by DA warner and S Dhawan with the same no: of 4's hit - 401.

Most Sixes Hit



- We can see that Chris Gayle is the batsman with most number of Sixes hit - 266 6's across all the seasons.
- And, we can also see that this is followed by Suresh Raina who comes 2nd with 174 6's hit.
- Next comes Rohit Sharma with 173 sixes hit.
- Followed by DA warner and Virat Kohli with the same no: of 6's hit - 160.

Win% Home vs Away

Yea..	Home vs Away		
	Away	Home	NA
2008	71.43%	42.86%	50.00%
2009			57.14%
2010	57.14%	57.14%	50.00%
2011	16.67%	100.00%	100.00%
2012	33.33%	60.00%	100.00%
2013	62.50%	75.00%	50.00%
2014	80.00%		54.55%
2015	42.86%	85.71%	33.33%
2016			
2017			

Chennai Super Kings

Yea..	Home vs Away		
	Away	Home	NA
2008	33.33%	57.14%	NA
2009			23.08%
2010	16.67%	71.43%	100.00%
2011	42.86%	57.14%	100.00%
2012	87.50%	42.86%	100.00%
2013	14.29%	66.67%	33.33%
2014	66.67%	100.00%	55.56%
2015	25.00%	83.33%	33.33%
2016	66.67%	57.14%	0.00%
2017	57.14%	57.14%	50.00%

Kolkata Knight Riders

Yea..	Home vs Away		
	Away	Home	NA
2008	42.86%	57.14%	NA
2009			38.46%
2010	50.00%	80.00%	
2011	66.67%	66.67%	0.00%
2012	85.71%	37.50%	50.00%
2013	37.50%	100.00%	66.67%
2014	100.00%	66.67%	0.00%
2015	57.14%	62.50%	100.00%
2016	66.67%	50.00%	25.00%
2017	66.67%	62.50%	100.00%

Mumbai Indians

- Mumbai Indians have played well away grounds when compared to other teams across all seasons.
- Kolkata Knight riders has played better on neutral grounds when compared to other teams across all seasons.

Win% Home vs Away

Yea..	Home vs Away		
	Awav	Home	NA
2008	42.86%	66.67%	0.00%
2009			66.67%
2010	66.67%	42.86%	0.00%
2011	33.33%	14.29%	100.00%
2012	66.67%	62.50%	0.00%
2013	0.00%	16.67%	100.00%
2014	0.00%	0.00%	40.00%
2015	0.00%	40.00%	60.00%
2016	60.00%	60.00%	25.00%
2017	16.67%	57.14%	100.00%

Delhi Daredevils

Yea..	Home vs Away		
	Awav	Home	NA
2008	57.14%	85.71%	0.00%
2009			50.00%
2010	50.00%	14.29%	0.00%
2011	20.00%	71.43%	50.00%
2012	62.50%	37.50%	
2013	37.50%	62.50%	
2014	60.00%	66.67%	77.78%
2015	28.57%	25.00%	0.00%
2016	20.00%	28.57%	50.00%
2017	42.86%	50.00%	66.67%

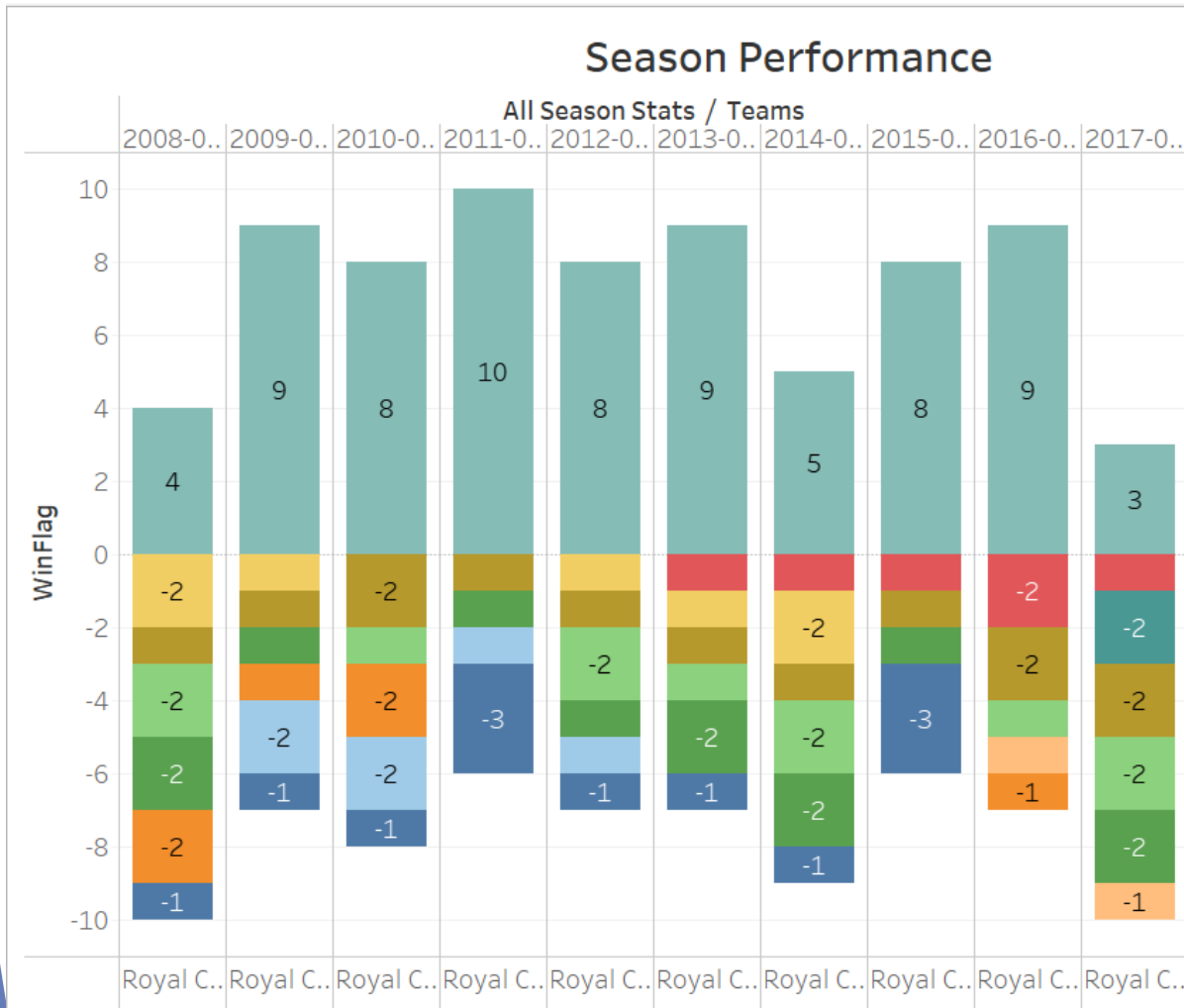
Kings XI Punjab

Yea..	Home vs Away		
	Awav	Home	NA
2008	42.86%	14.29%	
2009			56.25%
2010	42.86%	57.14%	50.00%
2011	50.00%	83.33%	50.00%
2012	62.50%	42.86%	
2013	28.57%	87.50%	0.00%
2014	0.00%	40.00%	50.00%
2015	71.43%	28.57%	50.00%
2016	50.00%	55.56%	100.00%
2017	33.33%	16.67%	0.00%

Royal Challengers
Bangalore

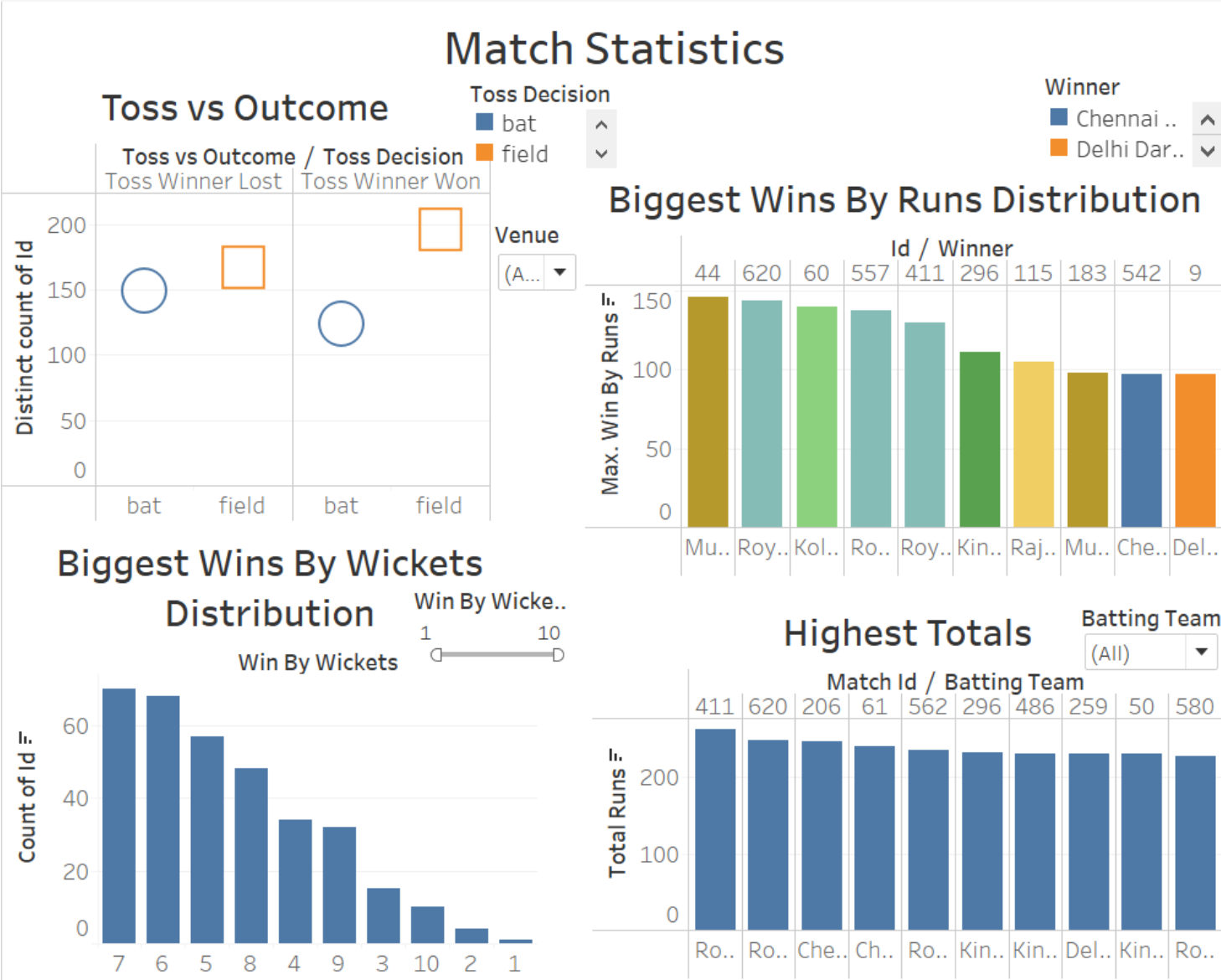
- Delhi has played well amongst these teams on neutral grounds throughout the seasons.
- Kings XI Punjab has played moderately among all the grounds including home and away grounds.

Season Performance

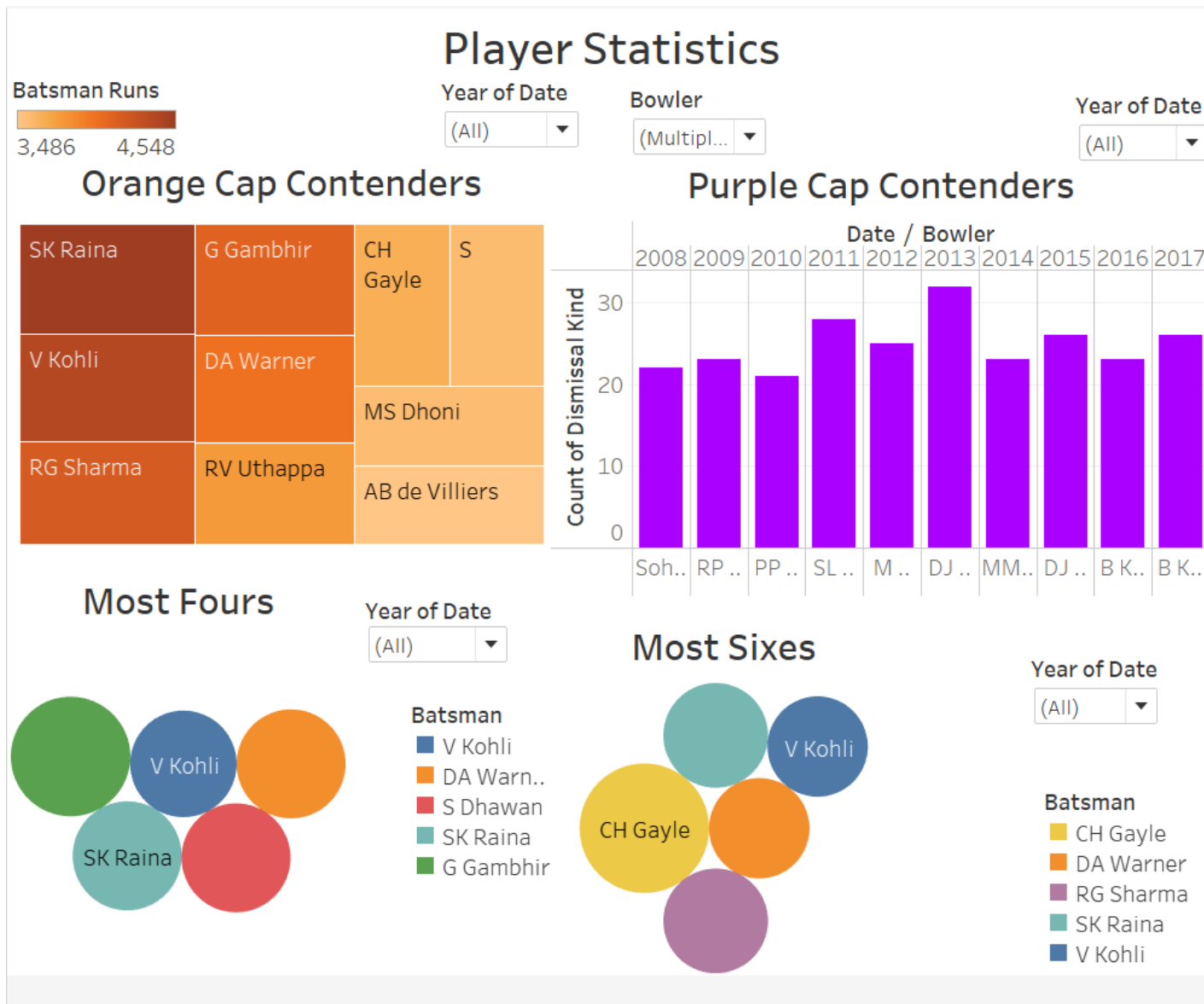


- This chart shows the season wise performance of each teams throughout all seasons.
- Mumbai Indians and Chennai Super Kings have consistently played well most of the seasons.
- These two teams have appeared on the finals the most no: of times compared to other teams.

Dashboard - Match Statistics



Dashboard - Player Statistics



Team Statistics

Win% Home vs Away

Year	Home	Away	NA
2008	42.86%	14.29%	
2009			56.25%
2010	42.86%	57.14%	50.00%
2011	50.00%	83.33%	50.00%
2012	62.50%	42.86%	
2013	28.57%	87.50%	0.00%
2014	0.00%	40.00%	50.00%
2015	71.43%	28.57%	50.00%

Teams: Royal Challen...

Home vs Away

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

Season Performance

All Season Stats / Teams

WinFlag

Winner

- Chennai Super Kings
- Deccan Chargers
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kolkata Knight Riders
- Mumbai Indians
- Rajasthan Royals
- Rising Pune Supergiants
- Royal Challengers Bangalore
- Sunrisers Hyderabad

Year	Home vs Away		
	Away	Home	NA
2008	42.86%	14.29%	
2009			56.25%
2010	42.86%	57.14%	50.00%
2011	50.00%	83.33%	50.00%
2012	62.50%	42.86%	
2013	28.57%	87.50%	0.00%
2014	0.00%	40.00%	50.00%
2015	71.43%	28.57%	50.00%

Year	Home vs Away		
	Away	Home	NA
2008	42.86%	14.29%	
2009			56.25%
2010	42.86%	57.14%	50.00%
2011	50.00%	83.33%	50.00%
2012	62.50%	42.86%	
2013	28.57%	87.50%	0.00%
2014	0.00%	40.00%	50.00%
2015	71.43%	28.57%	50.00%

Teams

Home vs Away

☐ (All)

☐ Null

☒ Away

☒ Home

☒ NA

□ (All)

☐ Null☒ Away☒ Home☒ NA

Season Performance

All Season Stats / Teams

Year	Team	WinFlag
2008	Royal Challengers Bangalore	4
2009	Royal Challengers Bangalore	9
2010	Royal Challengers Bangalore	8
2011	Royal Challengers Bangalore	10
2012	Royal Challengers Bangalore	8
2013	Royal Challengers Bangalore	9
2014	Royal Challengers Bangalore	5
2015	Royal Challengers Bangalore	8
2016	Royal Challengers Bangalore	9
2017	Royal Challengers Bangalore	3

Winner

- Chennai Super Kings
- Deccan Chargers
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kolkata Knight Riders
- Mumbai Indians
- Rajasthan Royals
- Rising Pune Supergiants
- Royal Challengers Bangalore
- Sunrisers Hyderabad

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Winner

- Chennai Super Kings
- Deccan Chargers
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kolkata Knight Riders
- Mumbai Indians
- Rajasthan Royals
- Rising Pune Supergiants
- Royal Challengers Bangalore
- Suprisors Hyderabad

Chennai Super Kings

- Deccan Chargers

■ Delhi Daredevils

■ Gujarat Lions

■ Kings XI Punjab

■ Kolkata Knight Riders

■ Mumbai Indians

■ Rajasthan Royals

- Rising Pulse Supergiants

■ Royal Challengers Bangalore

■ Sunrisers Hyderabad

Thank You