

IPL Visualisation Assignment

- Sunil Kumar



PROBLEM STATEMENTS



- As Data analyst at **IFP**, an nationally recognised news agency, which is based out of New Delhi which provides news reports and feeds to magazines, newspapers and TV broadcasters all over the country. The Sports Editor of the agency has approached 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.
- They will use the visual representations that is 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.
- It is recommended to create three Infographics for
 - 1. Match Statistics
 - 2. Player Statistics
 - **3.** Team Statistics



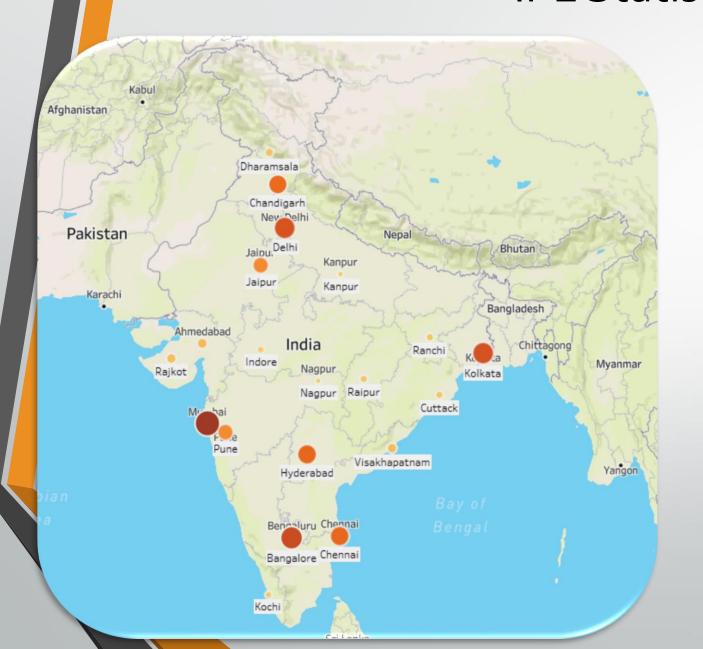
Indian Premier League



- IPL (Indian Premier League) was inaugurated in the year 2008. IPL Matches has been conducted in three different countries so far in India, South Africa and United Arab Emirates.
- IPL is shortest over cricket format tournament (Twenty 20) which is played every year comprising players from all the cricket playing nations.
- IPL has helped many young talents from India as well as other countries to display the their potential across the globe. It has become the most important platform for cricket across the continents.

IPL Statistics

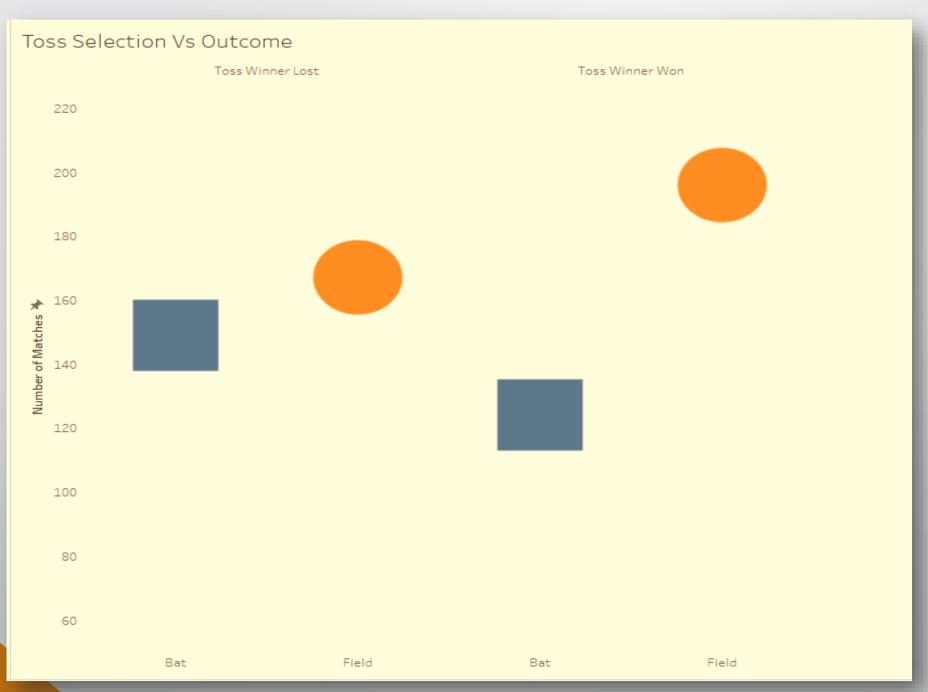




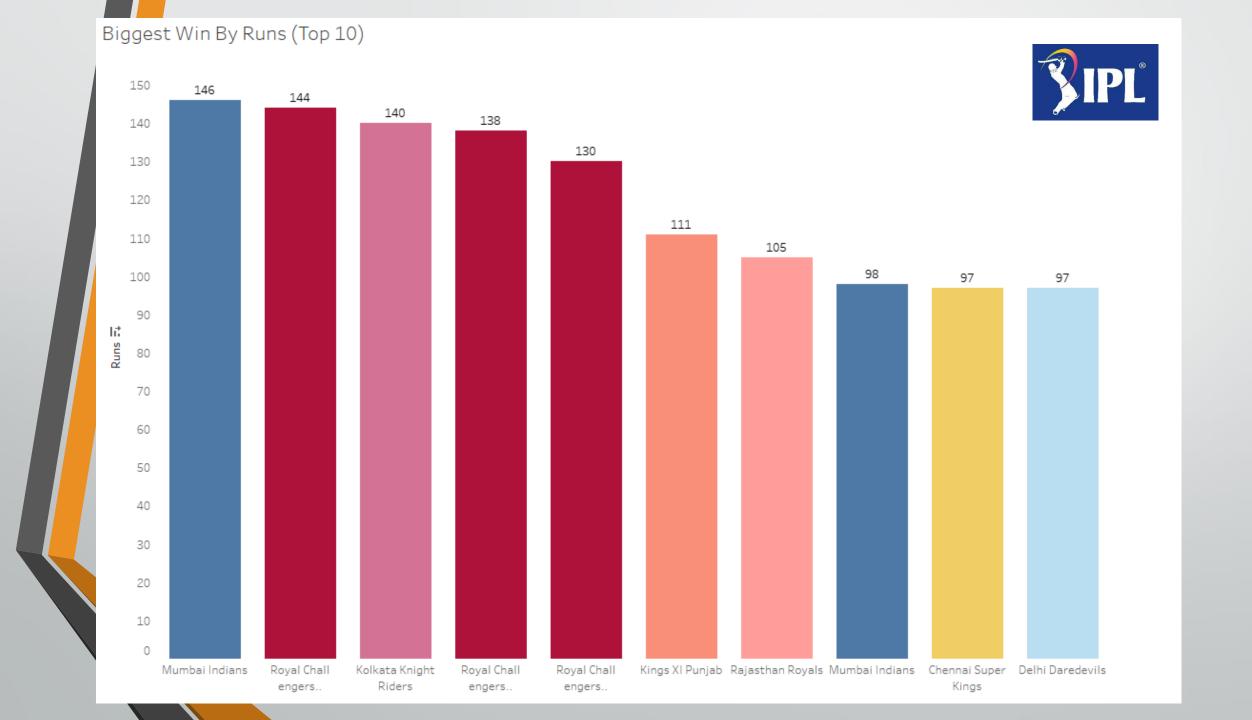


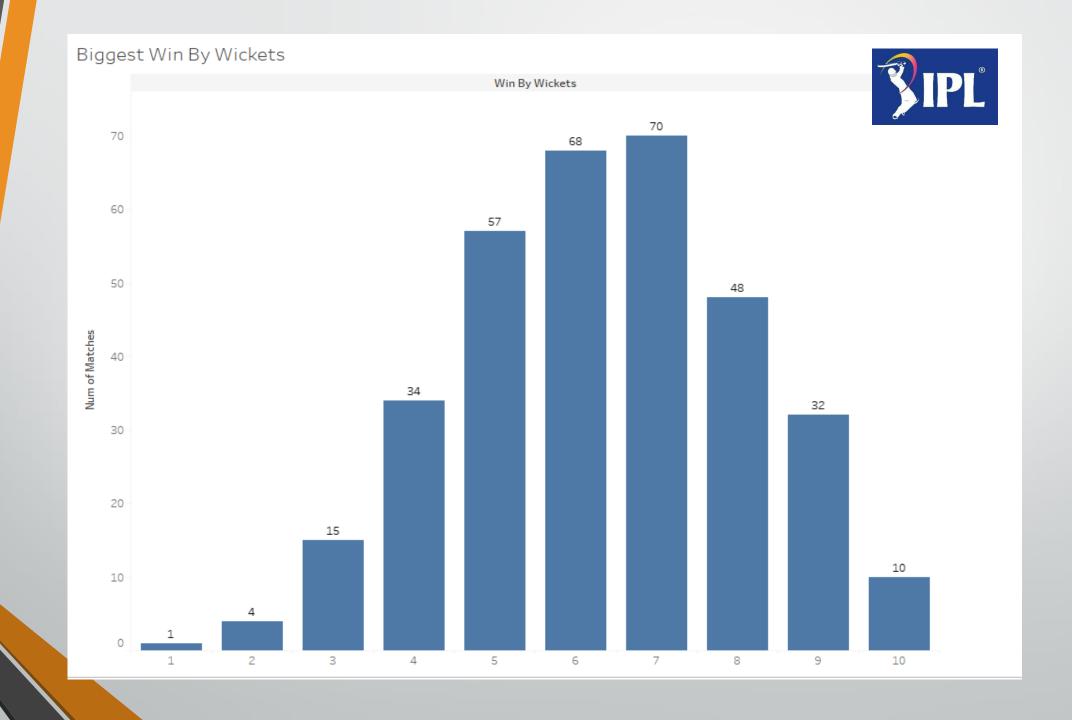


MATCH STATISTICS









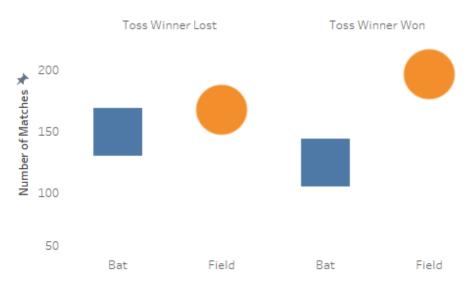
Highest Score across Seasons

Royal Challengers Bangalore 263	Chennai Super Kings 240	Delhi Daredevils 231	Kings XI Punjab 231
Royal Challengers Bangalore 248	Royal Challengers Bangalore 235	Kings XI Punjab 230	
Chennai Super Kings 246	Kings XI Punjab 232	Royal Challengers Bangalore 227	

Match Statistics



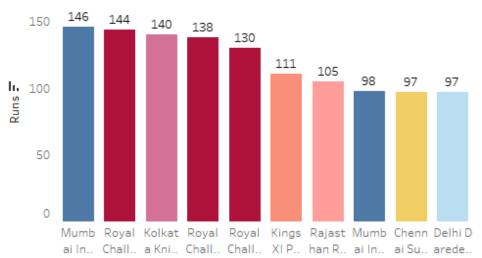
Toss Selection Vs Outcome



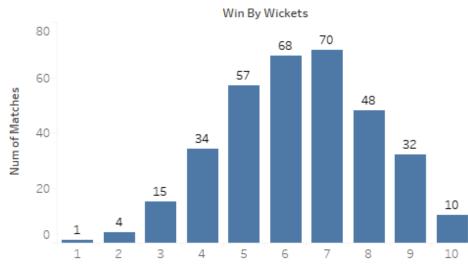
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Biggest Win By Runs (Top 10)



Biggest Win By Wickets





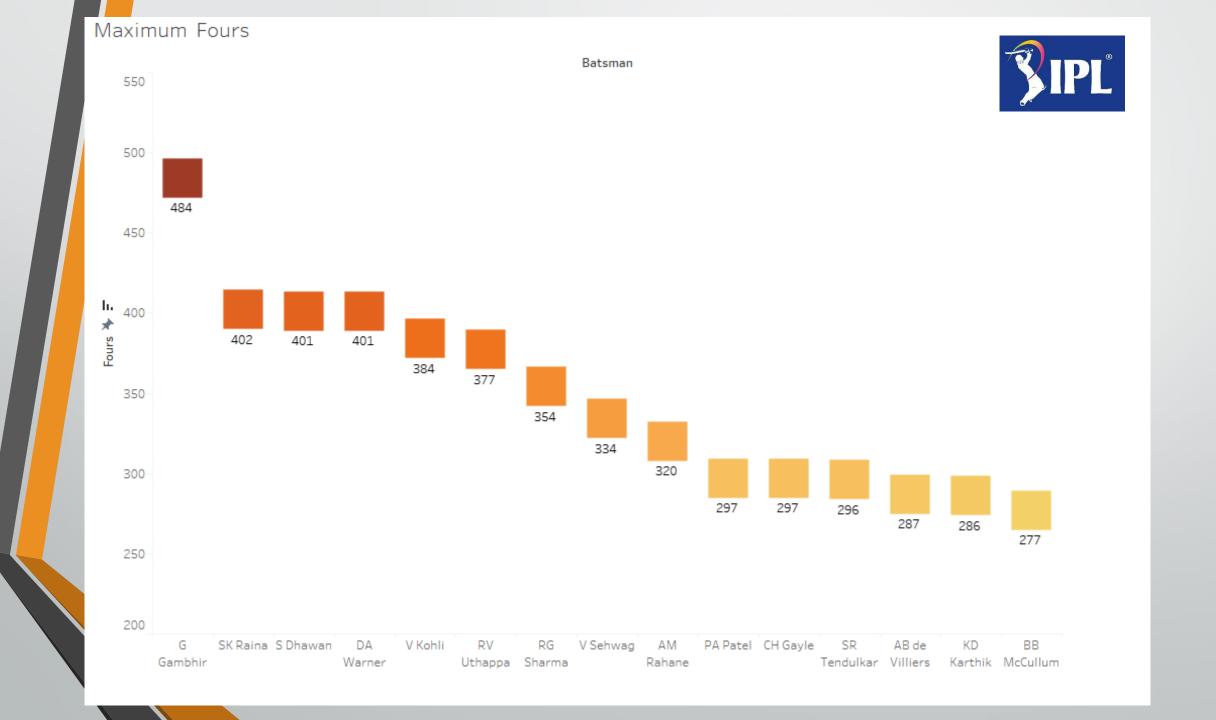
PLAYER STATISTICS

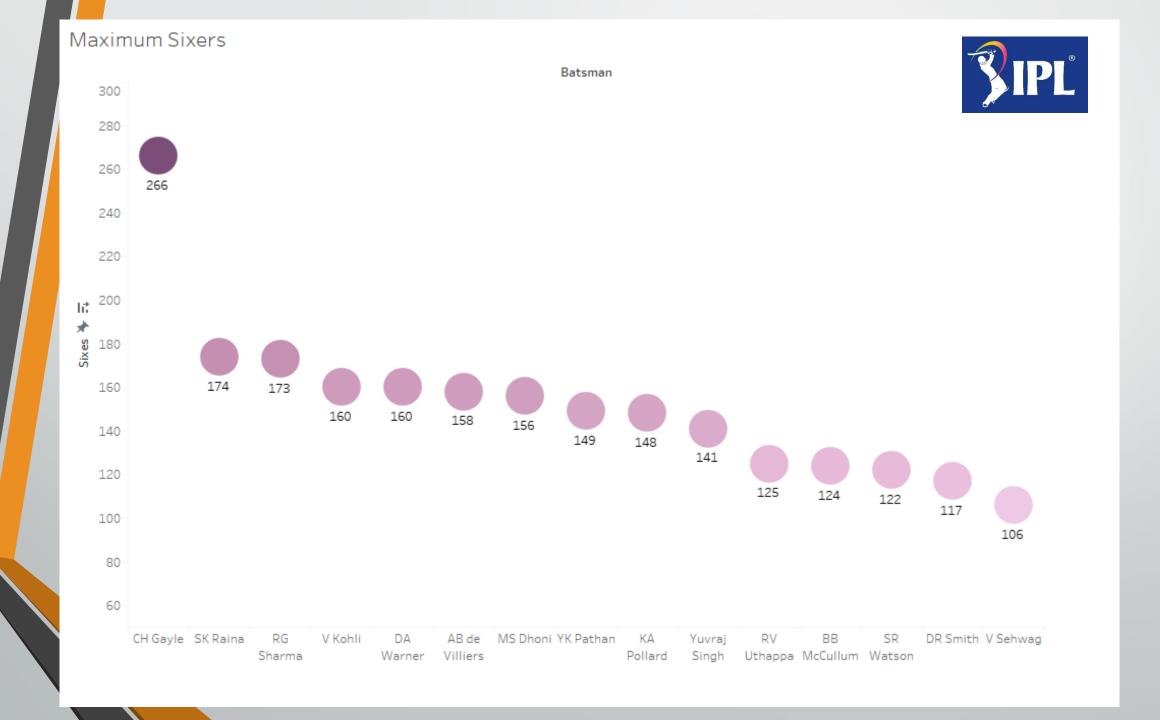
Orange Cap

SK Raina 4,548	DA Warner 4,014	MS Dhoni 3,560	AB de Villie 3,486	rs	AM Rahane 3,057
		,	ŕ		·
V Kohli 4,423	RV Uthappa 3,778				
200		YK Pathan 2,922		BB McCullum 2,755	1
RG Sharma 4,207	CH Gayle 3,651				
G Gambhir 4,132	S Dhawan 3,561	KD Karthik 2,903		V Sehwag 2,728	
4,132	3,301				

Purple Cap

SL Malinga 170	PP Chawla 133	B Kumar 117	R Ashwin 110		SP Narine 109	
A Mishra 142	R Vinay Kumar 125	UT Yadav 107		DW Steyn 100		
DJ Bravo 137	A Nehra 121		RP Singh			
Harbhajan Singh 136	Z Khan 119	P Kumar 102		100		





Player Statistics

Orange Cap

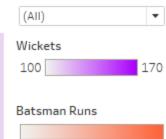
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G Gambhir	S Dhawan	KD Karth	ik	V Se	ehwag
4,132	3,561	2,903		2,72	28

Purple Cap

SL Malinga 170	PP Chawla 133	B Kumar 117	R	R SP	
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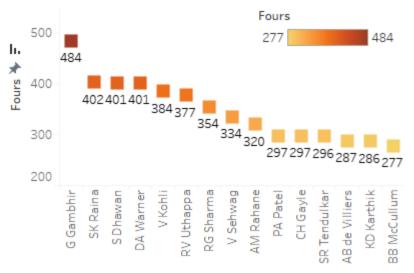
Season

2,728

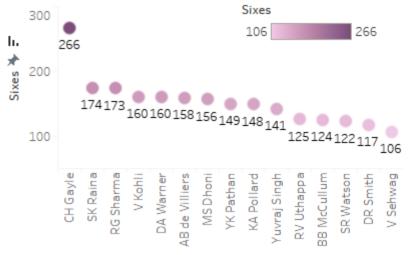


4,548

Maximum Fours



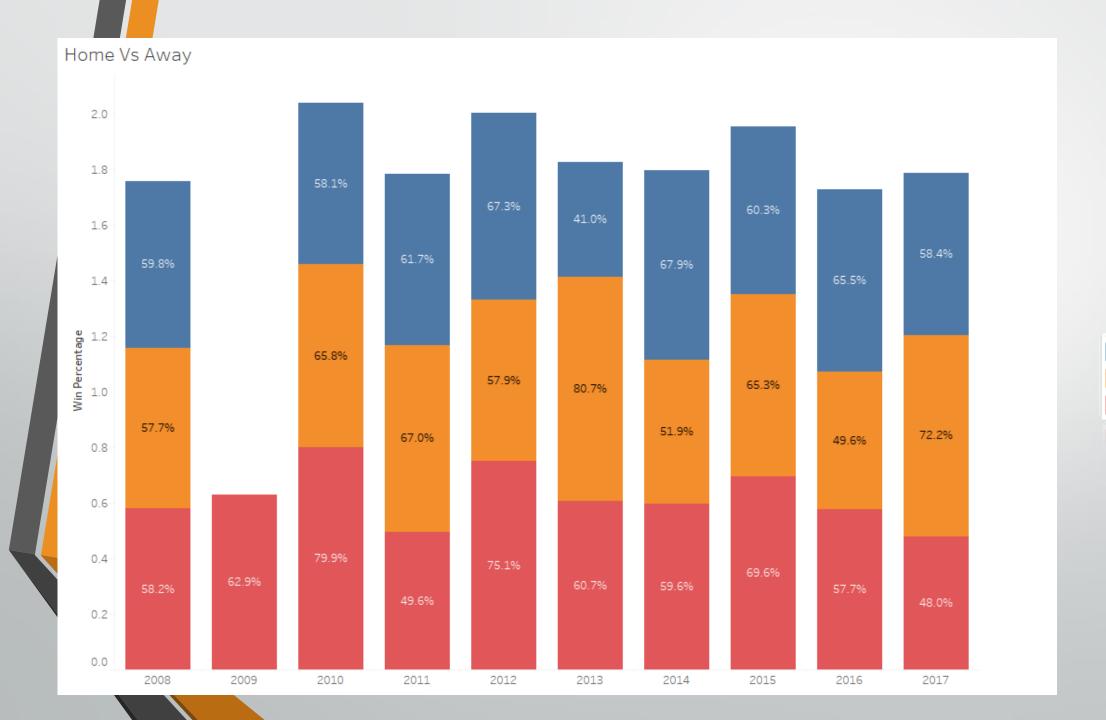
Maximum Sixers







TEAM STATISTICS





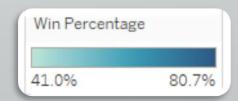


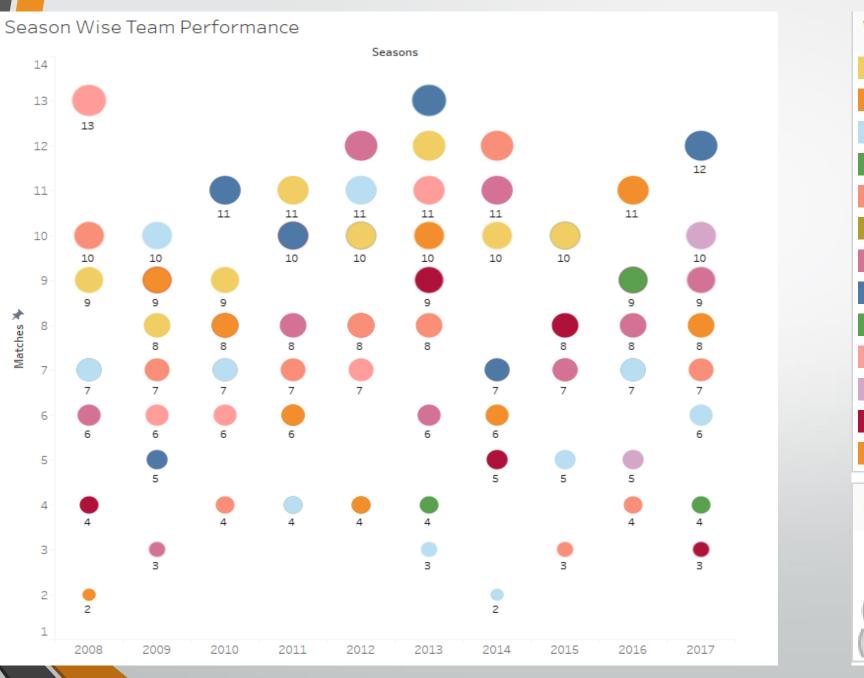


Home Vs Away %

Home	٧s	Away	

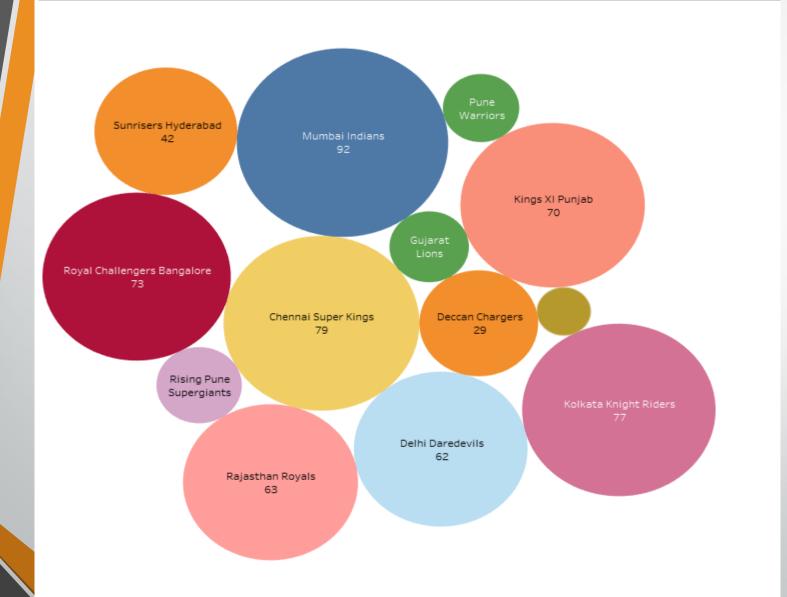
	Tionic vortical			
Year of Date	Away	Home	NA	
2008	59.8%	57.7%	58.2%	
2009			62.9%	
2010	58.1%	65.8%	79.9%	
2011	61.7%	67.0%	49.6%	
2012	67.3%	57.9%	75.1%	
2013	41.0%	80.7%	60.7%	
2014	67.9%	51.9%	59.6%	
2015	60.3%	65.3%	69.6%	
2016	65.5%	49.6%	57.7%	
2017	58.4%	72.2%	48.0%	
2015 2016	60.3% 65.5%	65.3% 49.6%	69.6 57.7	







Total Wins Across Seasons

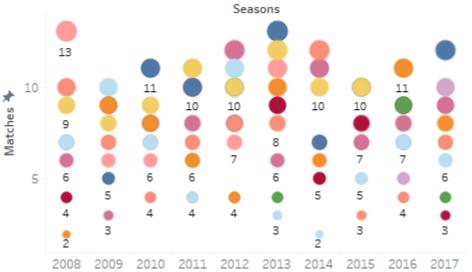






Team Statistics

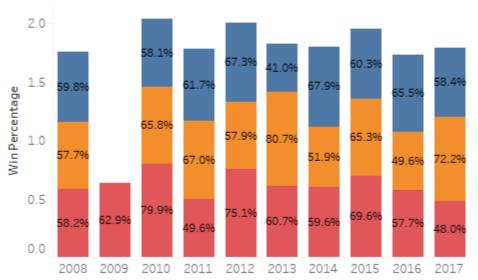




Total Wins Across Seasons



Home Vs Away



Home Vs Away %

	Home Vs Away				
Year of Date	Away	Home	NA		
2008	59.8%	57.7%	58.2%		
2009			62.9%		
2010	58.1%	65.8%	79.9%		
2011	61.7%	67.0%	49.6%		
2012	67.3%	57.9%	75.1%		
2013	41.0%	80.7%	60.7%		
2014	67.9%	51.9%	59.6%		
2015	60.3%	65.3%	69.6%		
2016	65.5%	49.6%	57.7%		
2017	58.4%	72.2%	48.0%		

Winner

Chennai Supe..

Deccan Charg..

Delhi Darede..

Gujarat Lions

Kings XI Punj..

Kochi Tuskers..

Kolkata Knigh..

Mumbai India..

Pune Warriors

- rulle warrior:

Rajasthan Ro..

Rising Pune S..

Royal Challen..

Sunrisers Hyd..

Number of Wins



() 10

Home Vs Away

Away Home

NA

Win Percentage

41.0% 80.7%



Summary Match Statistics



- Toss Winner have preferred to field first most of the time compared to opting for bat first.
- Toss winning team have better winning percentage when they choose to field first.
- Biggest win by number of runs across the season is held by Mumbai Indians with 146 runs, followed by Royal Challengers with 144 runs.
- On 10 occasions teams have won by 10 wickets, and win by 7 wickets has 70 occasions across the seasons.
- Highest Score in an innings across seasons is held by Royal Challengers with
 263 runs, followed by Chennai Super Kings with 246 Runs

Player Statistics



- Suresh Raina is the highest run getter across the seasons with 4548 Runs is the orange cap contender.
- Lasith Malinga is the highest wicket taker across the seasons with 170
 Wickets is the purple cap contender.
- Gautam Gambhir has hit the maximum number of fours in all seasons around 484 boundaries.
- Chris Gayle has hit the maximum number of Sixers in all seasons around 266 boundaries
- In 2016, following players have been allotted with

Orange Cap	Purple Cap	Max Fours	Max Sixers
Virat Kohli	Bhuvaneshwar Kumar	David Warner	Virat Kohli

Team Statistics



- Mumbai Indians have won maximum number of branches across the season with 92 matches, followed by Chennai Super Kings with 79 Matches.
- Kolkatta Knight Riders and Royal Challengers are the competitors with 77 and 73 wins respectively.
- 13 Match Wins is Maximum in a particular season. Royal Challengers in 2008 edition and Mumbai Indians in 2013 Edition has achieved it.
- Games Played in Neutral Venue had better winning percentage in the 2009,2010,2012,2015 editions
- Games Played in Away Venue had better winning percentage in the 2014,2016 editions
- Games Played in Home Ground had better winning percentage in the
 2011,2013,2017 editions

