

An abstract pattern of overlapping, curved lines in a light blue-grey color, resembling a stylized leaf or a complex web, occupies the left side of the slide.

INDIAN PREMIER LEAGUE ASSIGNMENT

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OBJECTIVE

To build an interactive dashboard in Tableau for the Indian Premier League data given to us from 2008-2017

Problem Statement

You work as a data analyst at IFP, a nationally recognised news agency, which is based out of New Delhi, and provides news reports and feeds to magazines, newspapers and TV broadcasters all over the country. The Sports Editor of the agency has approached you 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.



Match Statistics

Match related statistics of number of matches and runs scored in a match

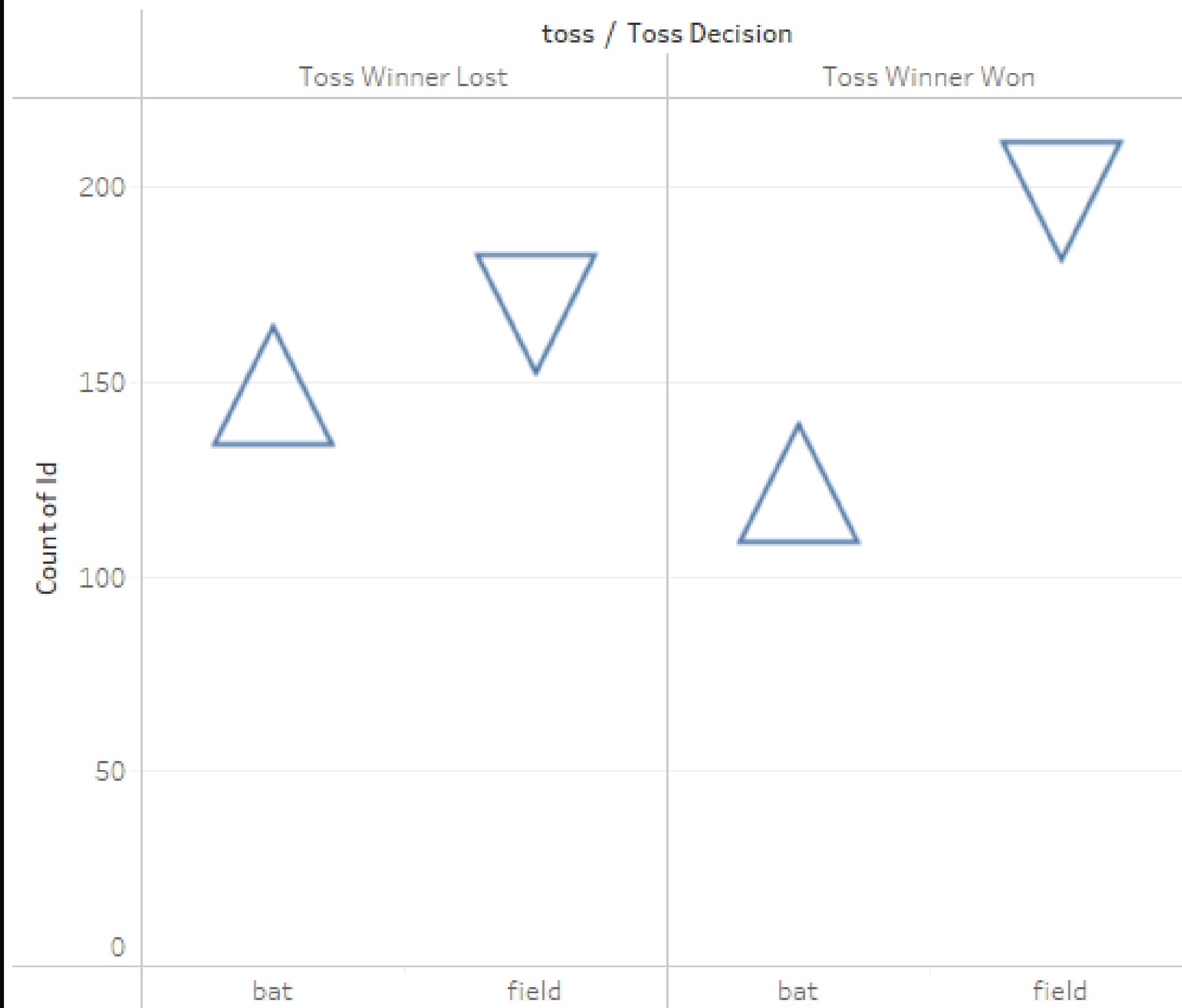
Toss Outcome vs Match Outcome

Toss outcome gives us a visual of
Toss Winner Lost and Toss Winner
Won.

And we get to know



Toss Outcome

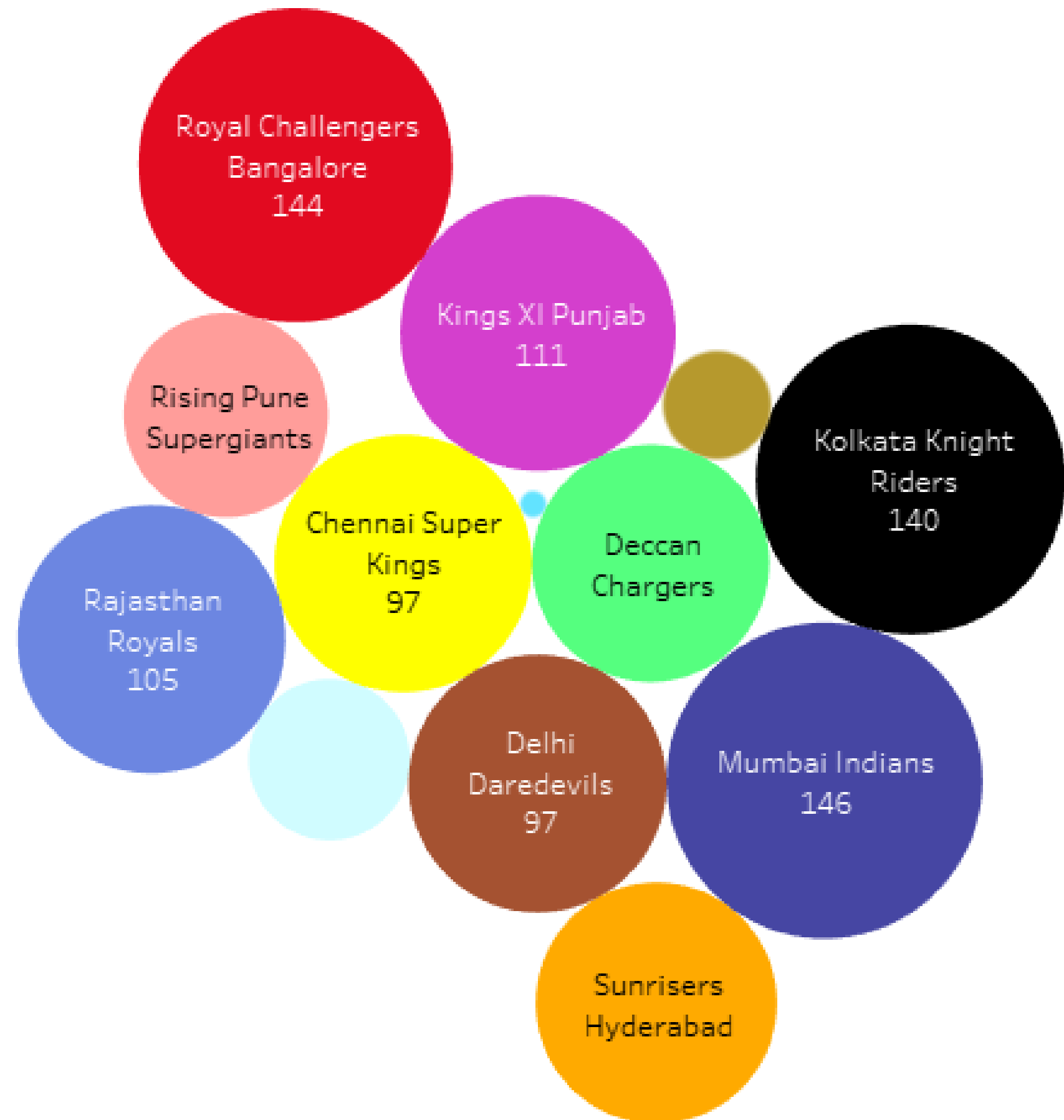


Biggest Win by Runs

Bubble chart representing all the teams who had their biggest win by runs and they won by what margin



Biggest win by Runs

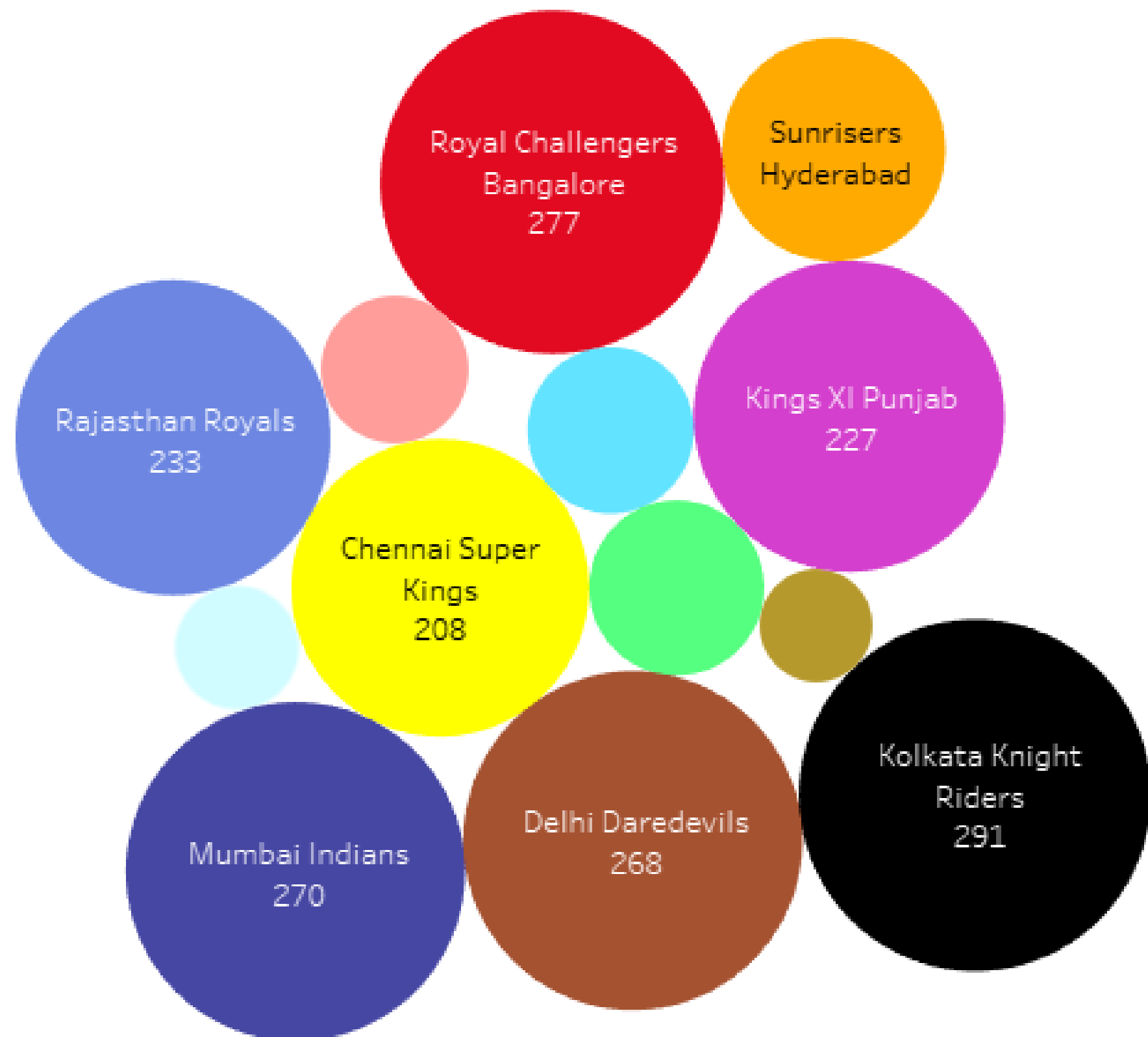


Biggest Win by Wickets

Bubble chart representing
all the teams who had their
biggest win by wickets and
they won by what margin



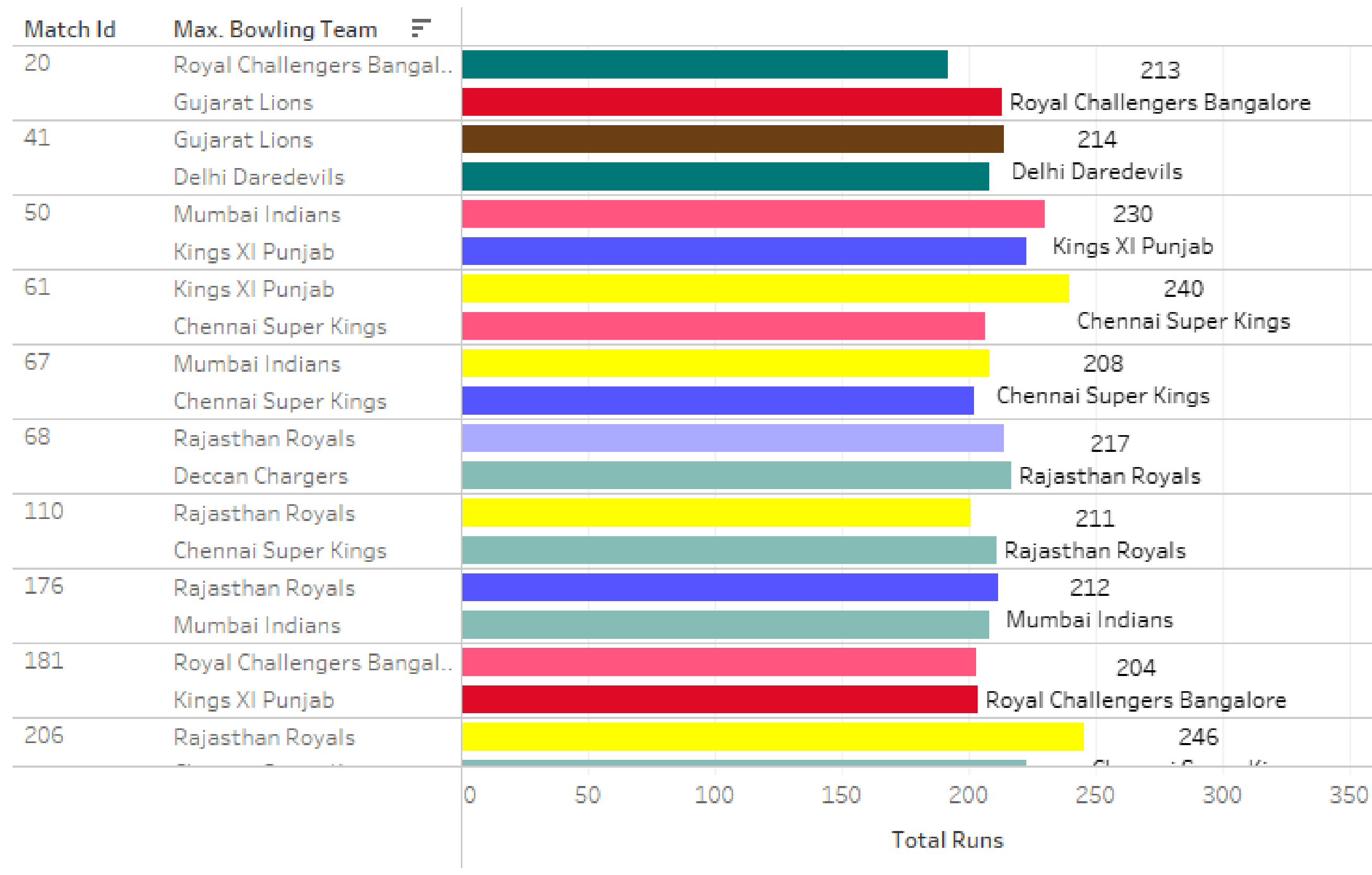
Biggest Win by Wickets



Highest Totals

Toss outcome gives us a visual of Toss Winner Lost and Toss Winner Won. And we get to know

Highest Totals(Across all seasons)





Player Statistics

Player related statistics of number of runs scored by a player and number of wickets taken by a player

ORANGE CAP CONTENDERS

The players who have scored
the highest runs in IPL.
And we are visualising it
through a tree map.

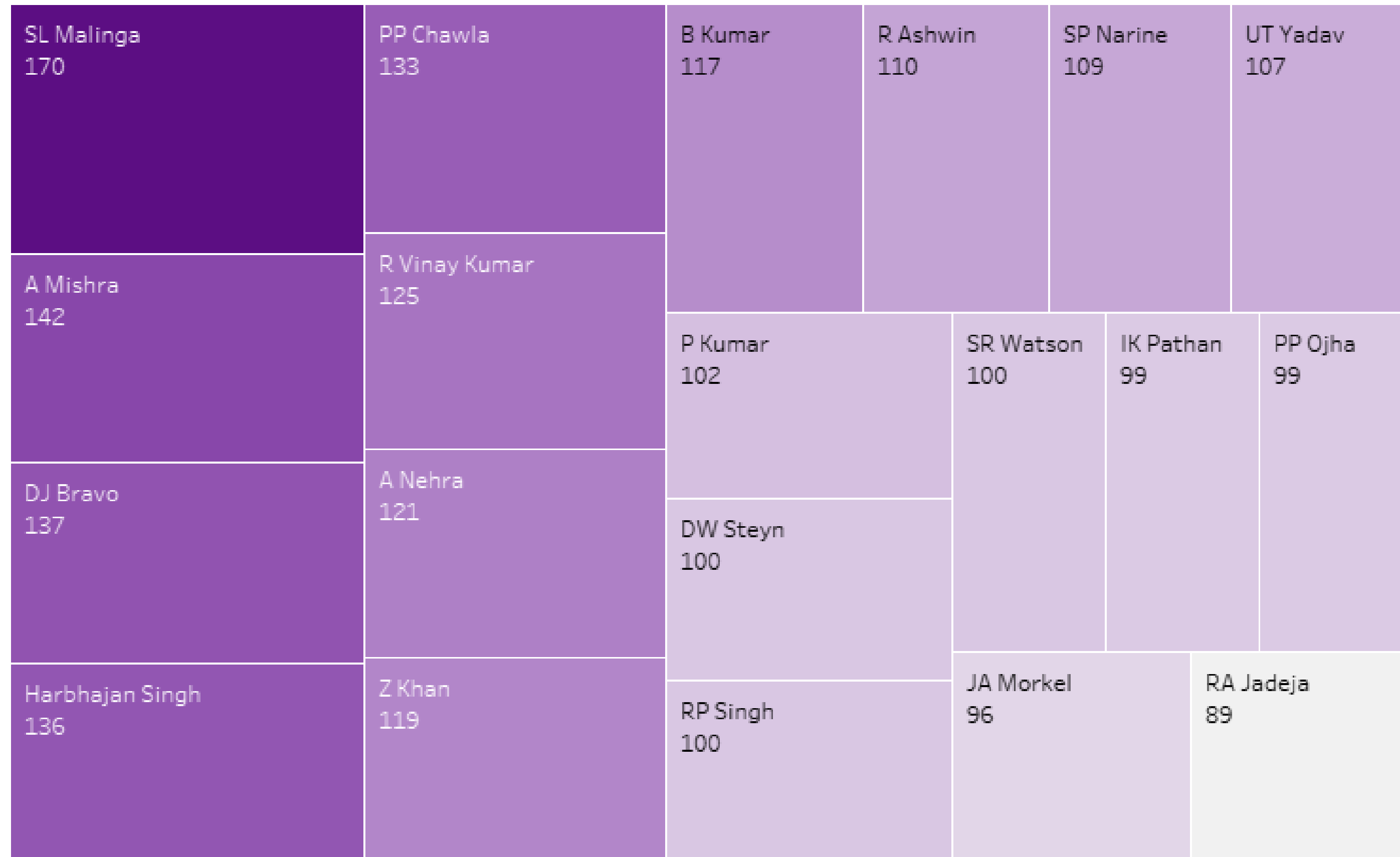
Orange Cap Contenders

SK Raina 4,745	DA Warner 4,213	MS Dhoni 3,728	AB de Villiers 3,621	AM Rahane 3,191	YK Pathan 3,066
V Kohli 4,588	RV Uthappa 4,004	KD Karthik 3,036	SR Watson 2,744	Yuvraj Singh 2,710	M Vijay 2,636
G Gambhir 4,388	CH Gayle 3,914				
RG Sharma 4,334	S Dhawan 3,754	V Sehwag 2,915	SE Marsh 2,612	JH Kallis 2,567	

PURPLE CAP CONTENDERS

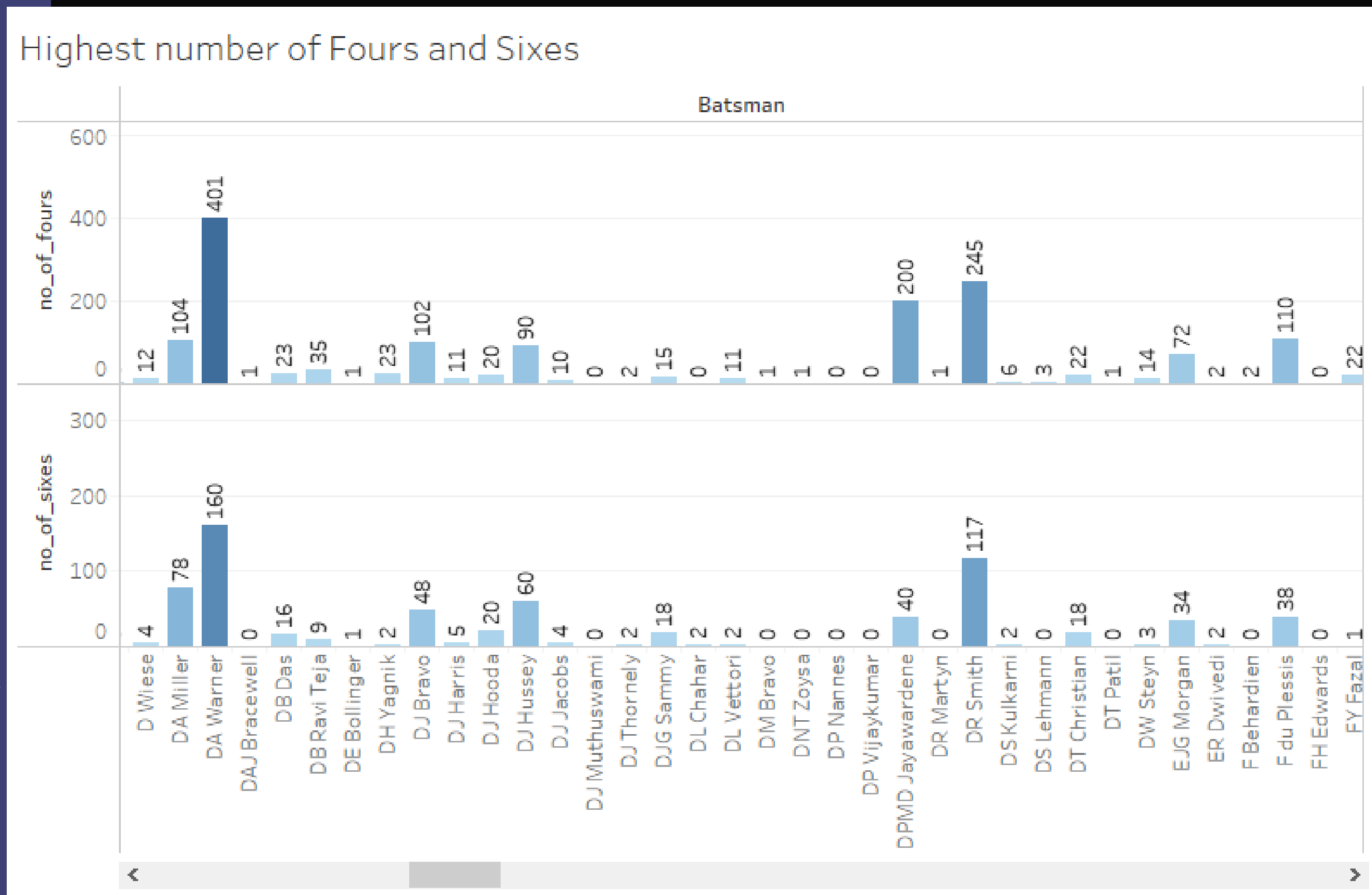
The players who have taken
the highest wickets in IPL.
And we are visualising it
through a tree map.

Purple Cap Contenders



Highest Number of Fours and Sixes

Two bar chart representing the highest number of fours and sixes





Team Statistics

Team related statistics of season wise ranking and winning percentage of teams

Season-wise Performance

This chart representing the season-wise performance of each player in pl every season



Win Percentage

This chart representing the Win
percentage of teams when
playing Home/Away

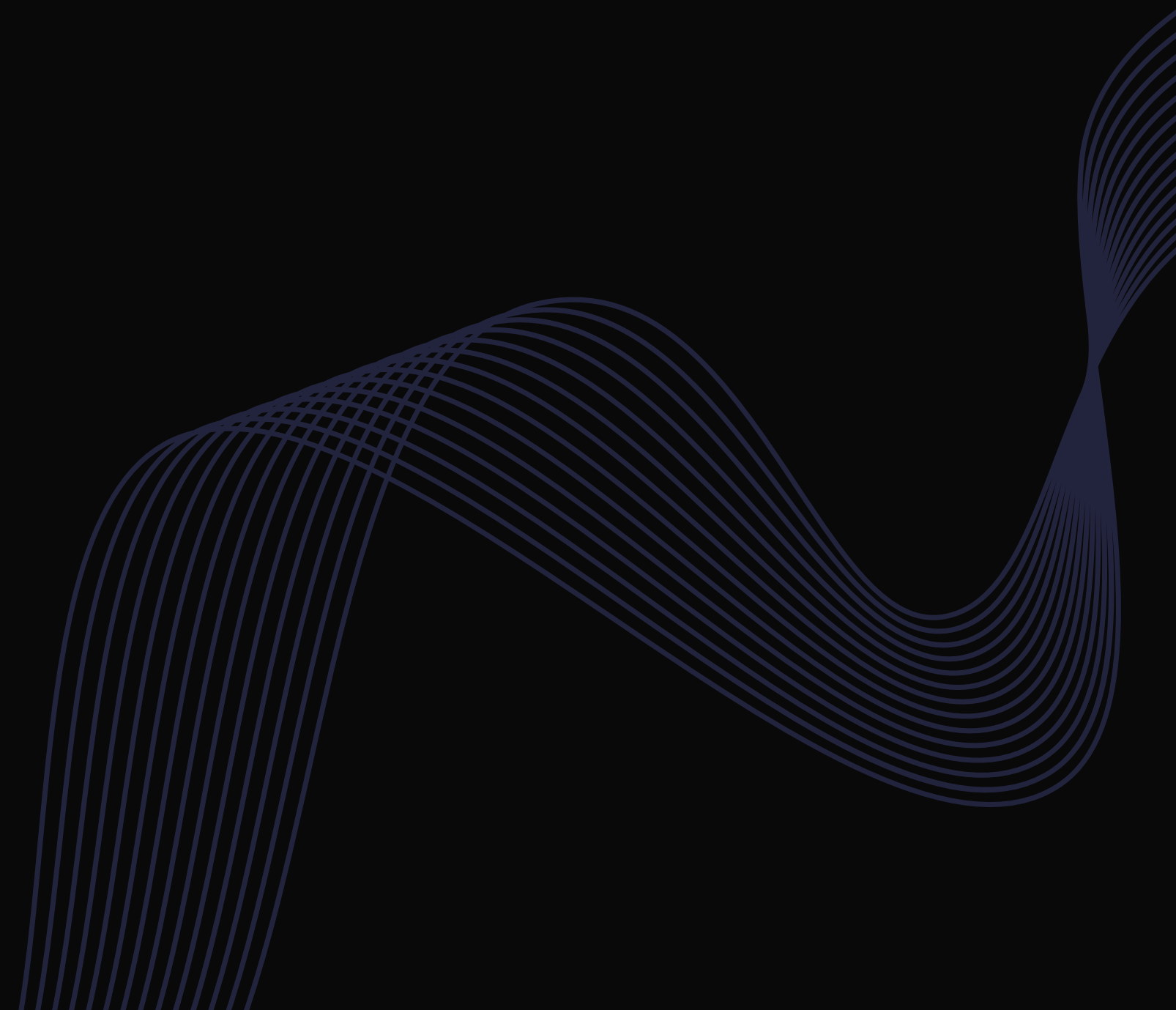


Win Percentage(Home vs Away

Year of Date	home_away		NA
	Away	Home	
2008	0.3394	0.4245	0.4971
2009			0.4907
2010	0.4420	0.5552	0.4917
2011	0.4487	0.5605	0.5462
2012	0.4824	0.4102	0.5502
2013	0.2942	0.7461	0.4944
2014	0.3052	0.3822	0.4942
2015	0.4154	0.5706	0.5016
2016	0.3208	0.3050	0.4823
2017	0.4542	0.5470	0.4465

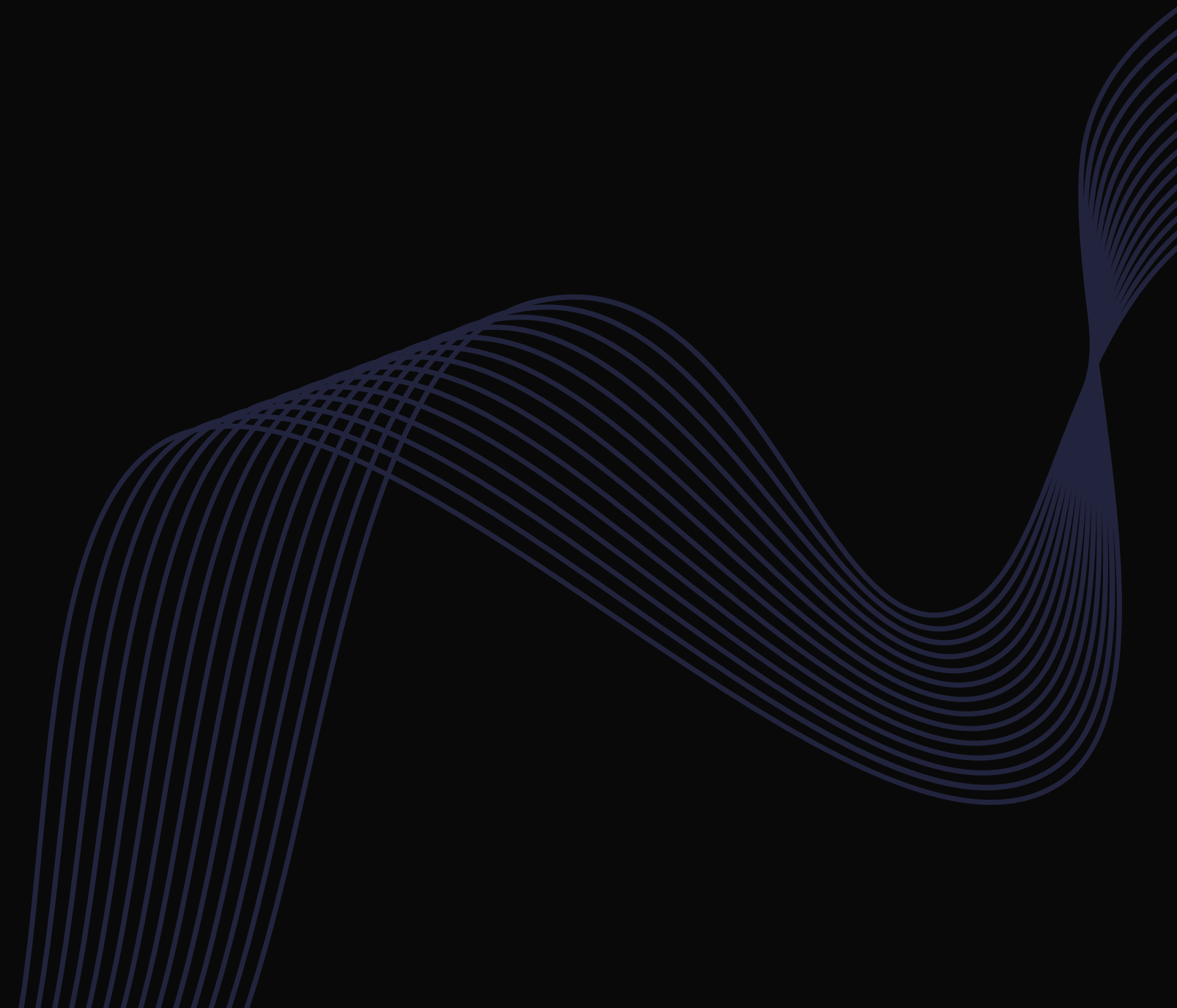
Summary

- From the toss outcome graph we can conclude that whether the team loses or wins the toss, they preferred fielding.
- The biggest win by runs in IPL history is by Mumbai Indians by 146 runs
- The biggest win by wickets in IPL history is by Kolkata Knight Riders.
- Highest Total in IPL history is verses Chennai Super Kings and Rajasthan Royals with total of 246 runs in the year 2010.



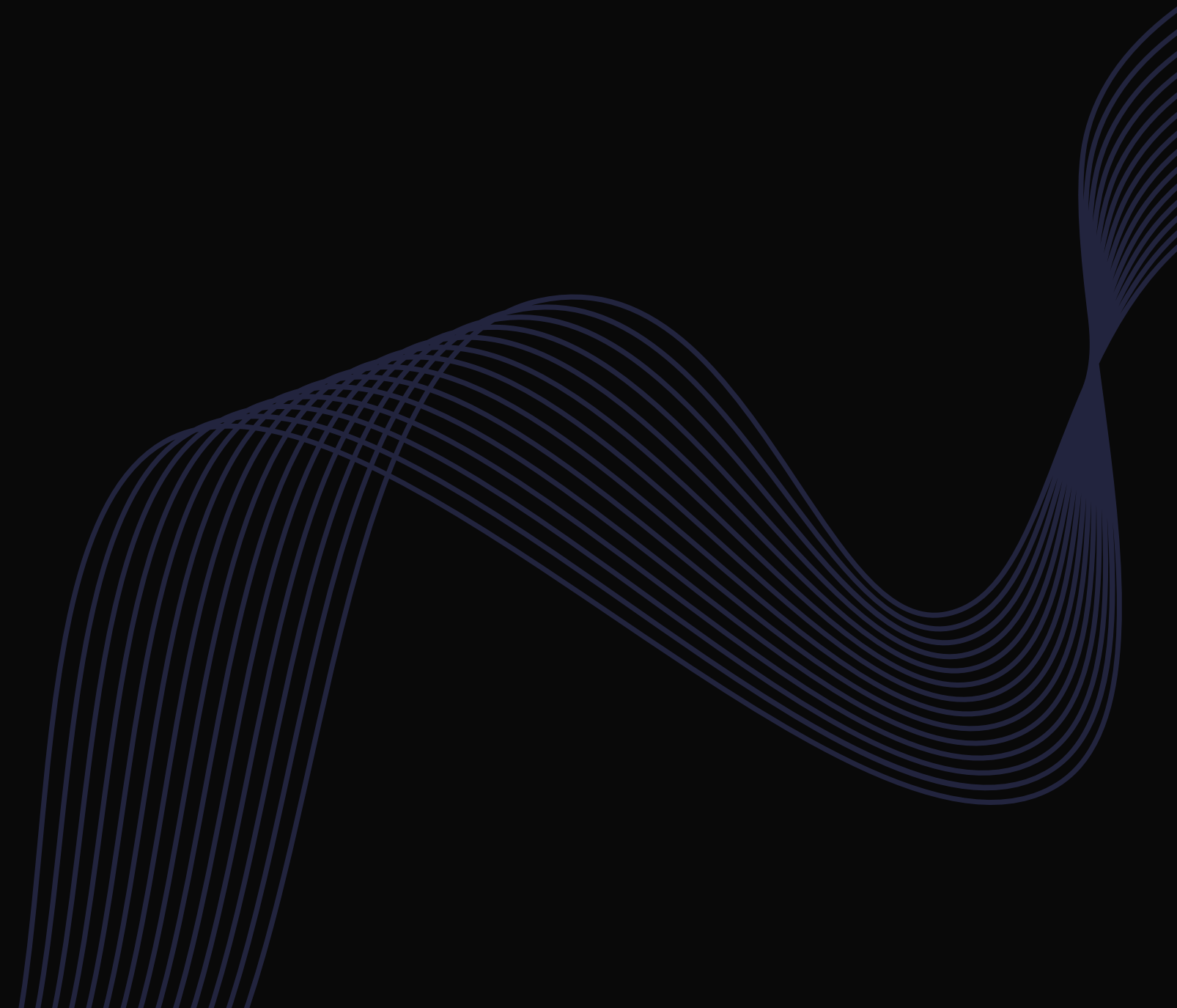
Summary

- Orange Cap Contender in the year 2016 is Virat Kohli with 973 runs
- Purple Cap Contender in the year 2013 is Dwayne Bravo with 32 wickets.
- Highest number of FOURS in overall season is 484 by Gautam Gambhir.
- Highest number of SIXES in overall season is 266 by Chris Gayle.



Summary

- Chris Gayle became Player of the match two times in the year 2011-2012
- The highest win percentage at home is 0.7461
- The highest win percentage not at home ground is 0.4824



THANK YOU

