

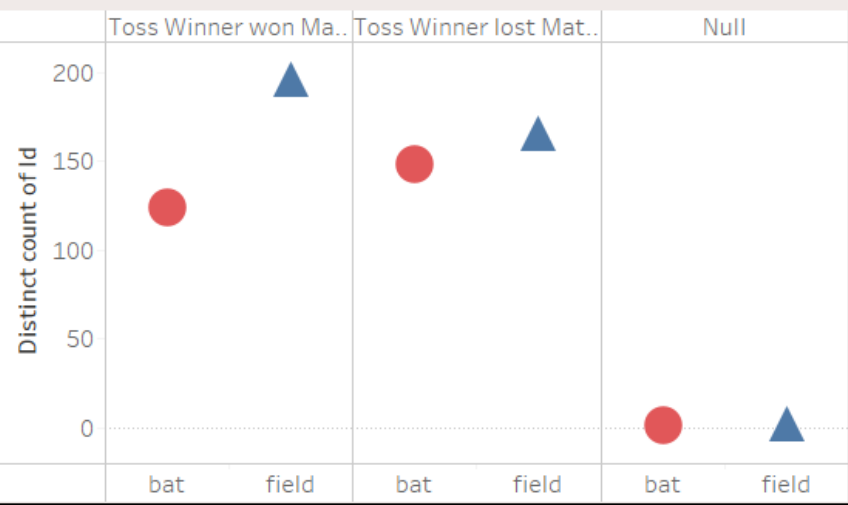
# **IPL VISUALIZATION ASSIGNMENT**

**Submission By:**  
**Shashank Sacamuri**

# Match Statistics

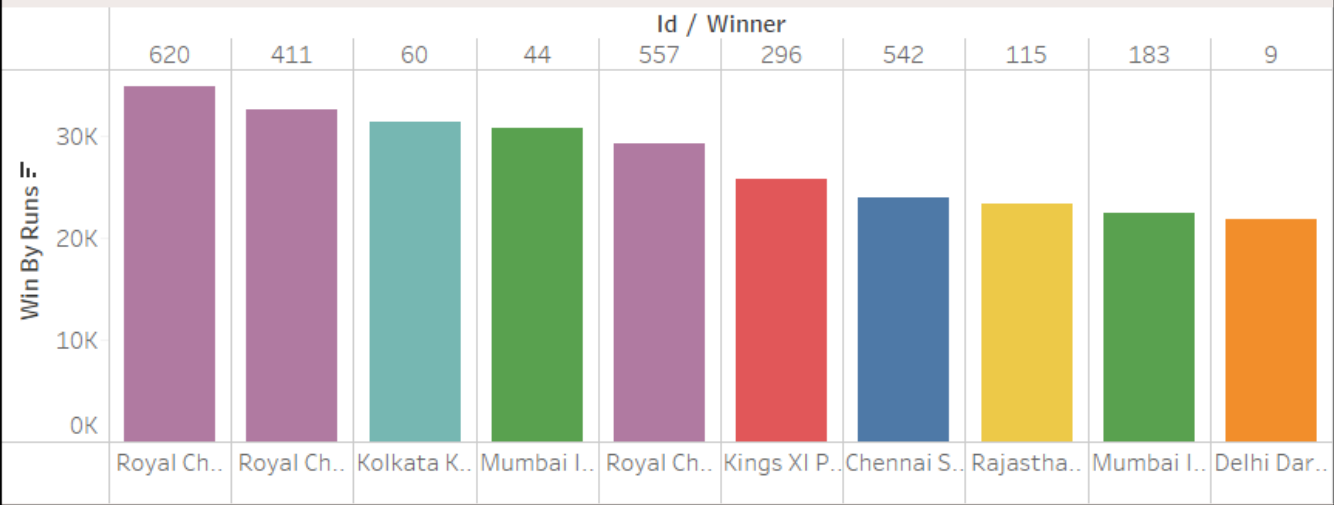


Toss outcome vs Match outcome (for each Ground/Venue)

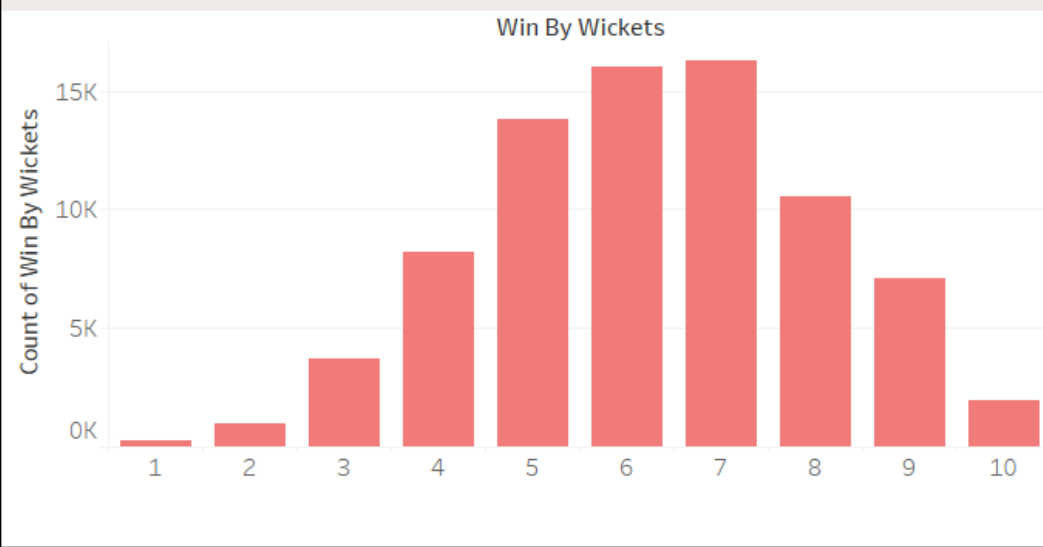


Venue
All

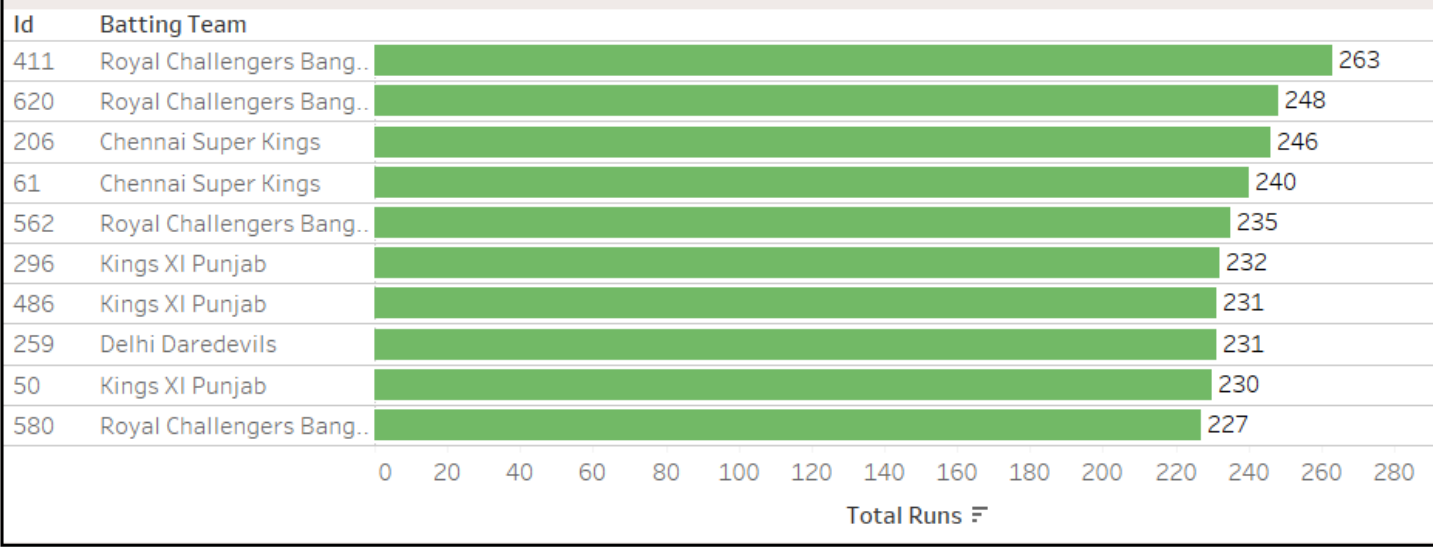
Biggest Wins by Runs (Top 10)



Win by Wickets Distribution



Highest totals (across all the seasons)



# Toss Outcome Vs Match Outcome

- The toss outcome vs match outcome chart indicates whether the team which won the toss also won or lost the match. This was analysed for every ground/venue.
- It was found that the final match outcome had a 50-50 probability in most of the venues irrespective of the toss outcome or the decision to bat or bowl first.

# Biggest Win by Runs & Biggest Wins by Wickets

- The top 10 teams across all the seasons which had the biggest win runs were analysed. Royal Challengers Bangalore topped this list, followed by Kolkata Knight Riders.
- For the Biggest Wins by Wickets a distribution chart by frequency of wickets was plotted and it was observed that most teams won by 6 to 7 wickets on an average.

# Highest totals across all seasons

- The top 10 teams with the highest run totals across all seasons were analysed and Royal Challengers Bangalore topped this list followed by Chennai Super Kings.

## Player Statistics



### Orange Cap contenders

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

Batting Team  
All

The 'Batting Team' filter is applicable only to the Orange Cap contenders chart only

Year of Date  
All

'Season(year)' filter is applicable to all the charts in the dashboard

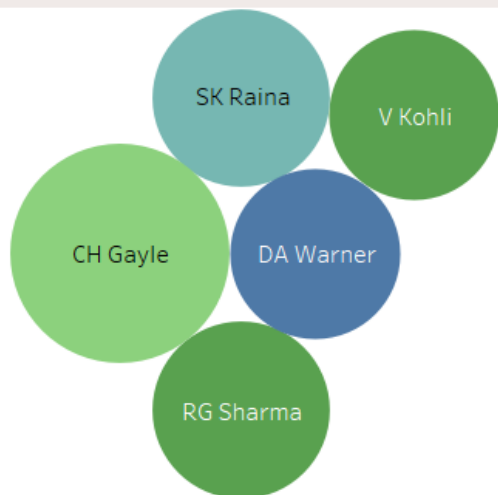
### Purple Cap contenders

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

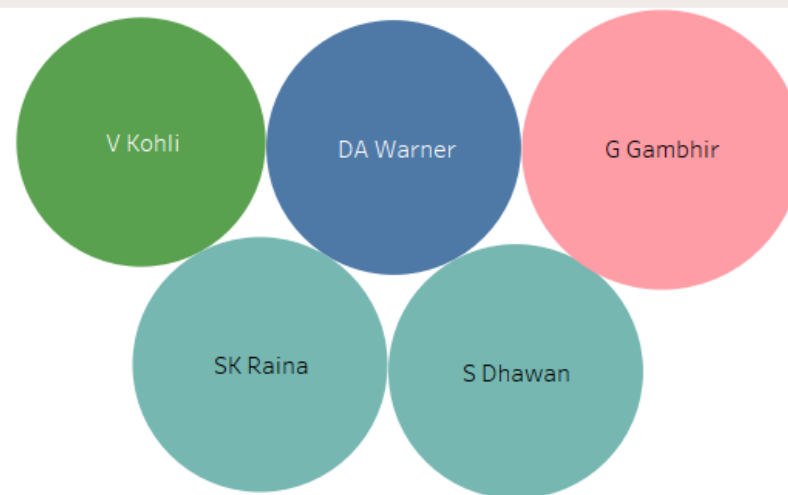
Bowling Team  
All

The 'Bowling Team' filter is applicable to the Purple Cap contenders chart only

### Batsmen with most sixes (per season)



### Batsmen with most fours (per season)

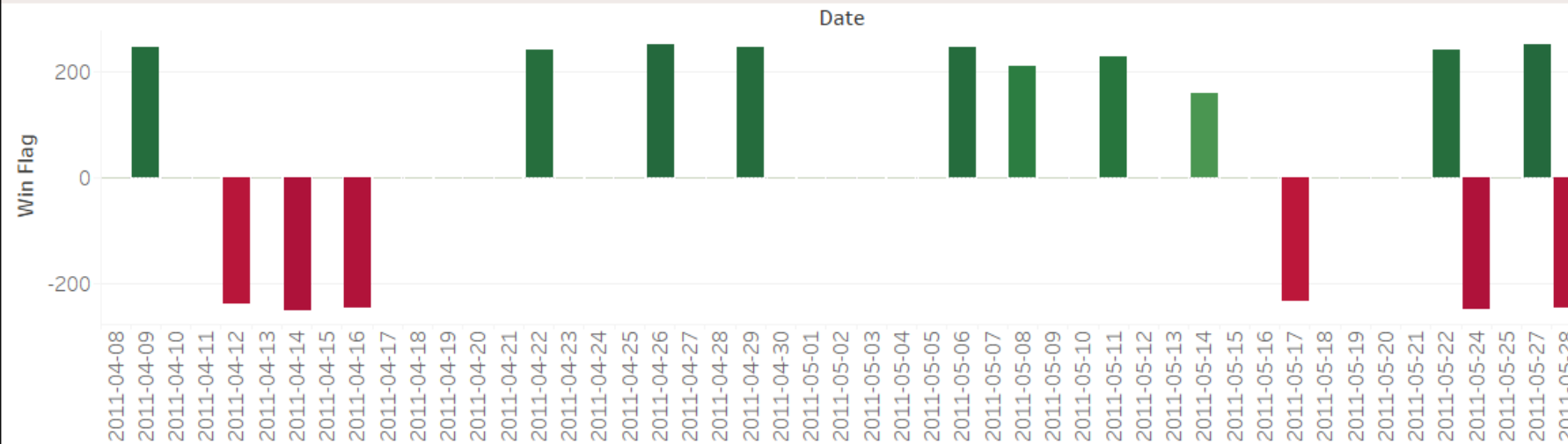


# Orange Cap Contenders & Purple Cap Contenders

- The top 10 batsmen who scored the highest runs in every IPL season were analysed, to determine the Orange Cap Contenders.
- Similarly, the top 10 bowlers who got the maximum batsmen dismissals in every IPL season were analysed, to determine the Purple Cap Contenders.

## Team Statistics

Season-wise team performance (wins vs losses)



Year of Date  
2011

Teams  
Royal Challengers  
Bangalore

Win %age ( home vs away)

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

The Season-wise team performance chart indicates the wins and losses of each team in every season of the IPL

The Win %age (home vs away) chart indicates the performance of the teams at home vs away venues for all the seasons