

IPL Analysis for the year 2008 - 2017

AGENDA

- Objective
- Key findings
- Appendix:
 - Data sources

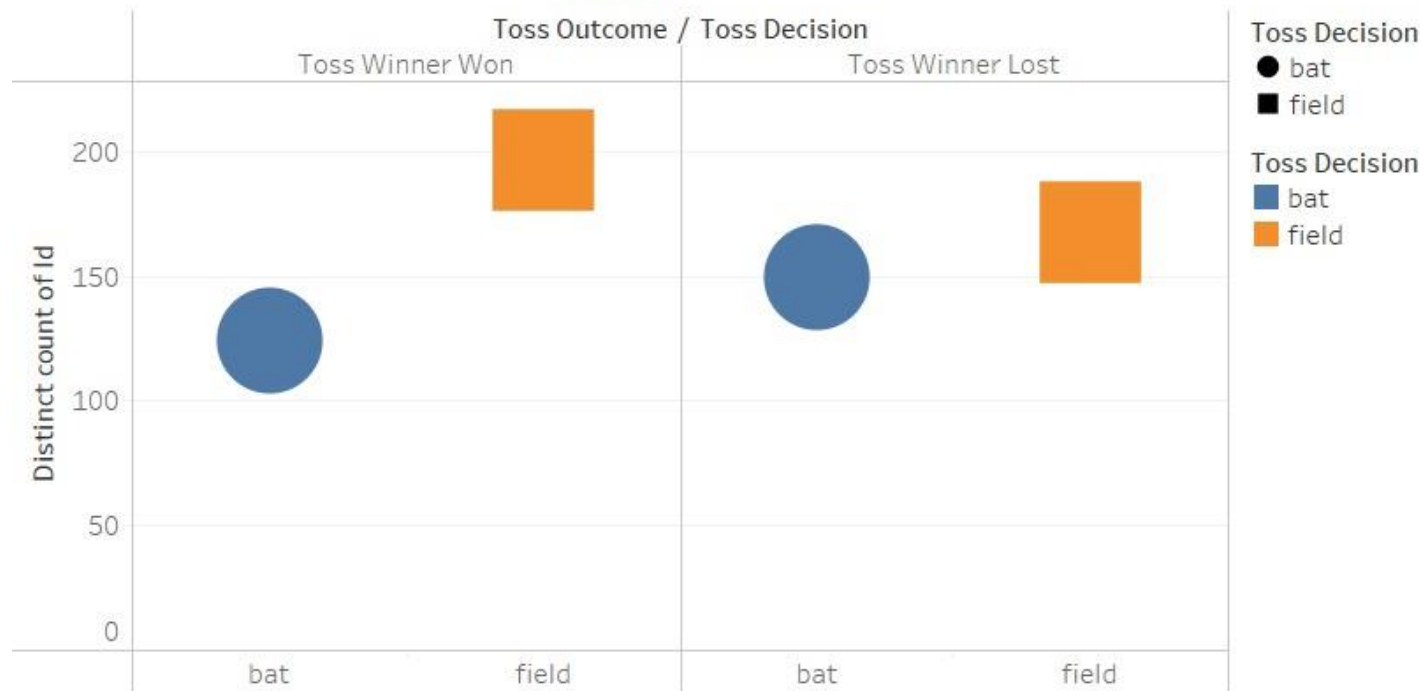
OBJECTIVE

- Analyze IPL dataset from 2008 - 2017
- There are three major analysis parts
 - Match Statistics
 - Player Statistics
 - Team Statistics
- Provide an overview and insights on the all three statistics mentioned above

Match Statistics

Toss Outcome Vs Match Outcome For Each Ground / Venue

Toss Outcome Vs Match Outcome For Each Ground Or Venue



- Toss Winner who have elected to field first has a probability of winning the match across all grounds / Venues .
- Toss winner who have elected to bat first has a less probability to win the match .

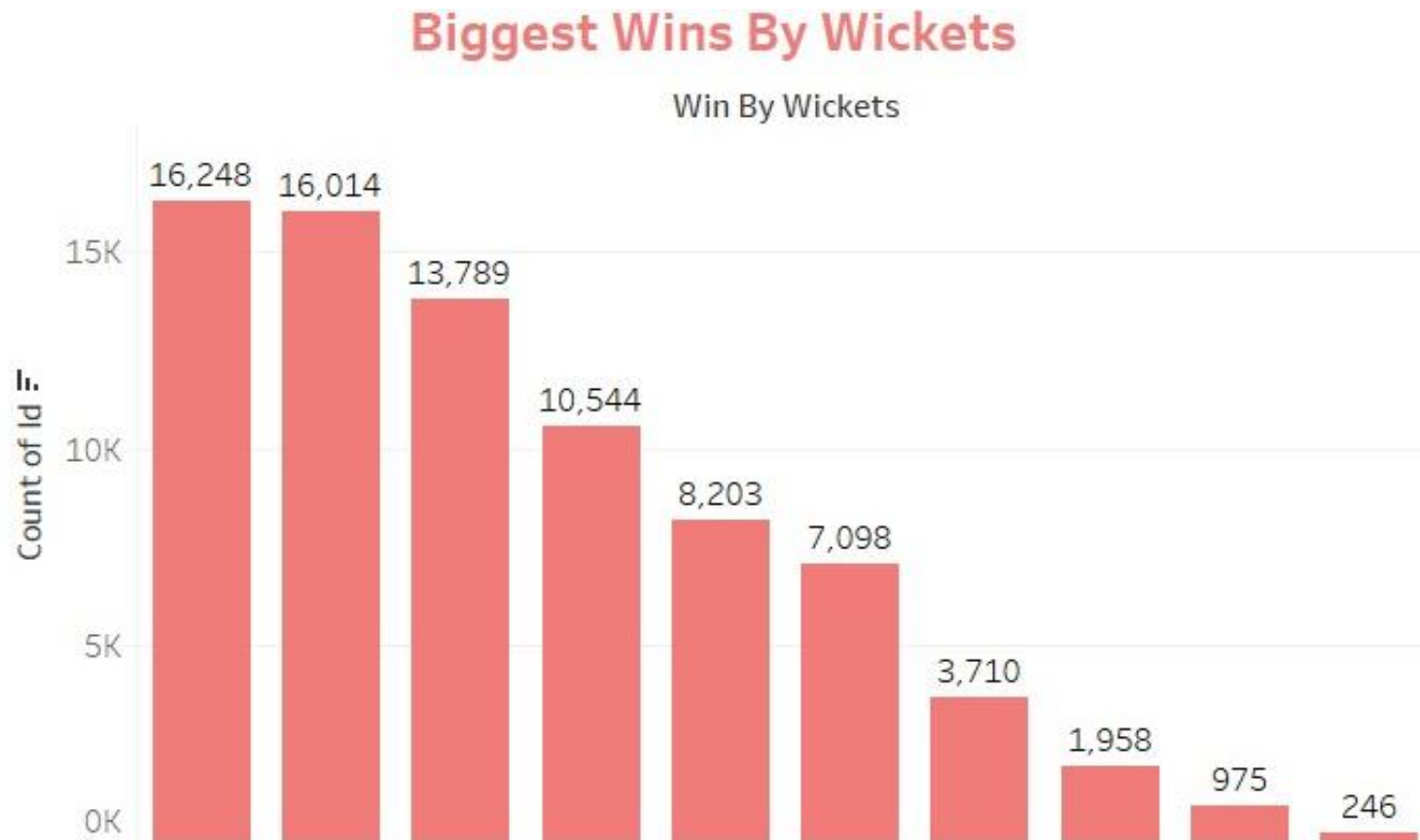
Biggest Wins By Runs



Sum of Win By Runs for each Winner broken down by Id. Color shows details about Winner. The view is filtered on Id, which keeps 10 of 636 members.

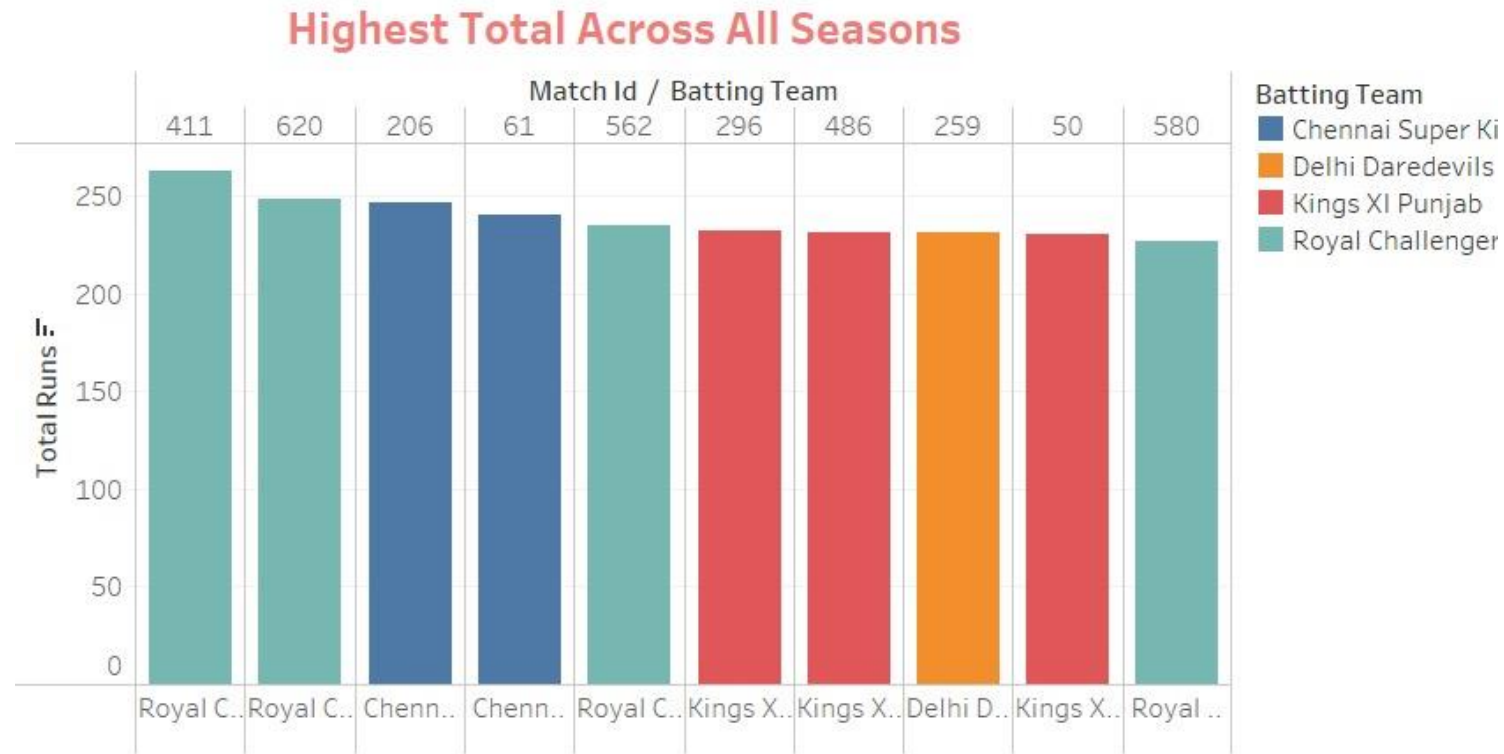
- Royal Challengers
Bangalore has had biggest wins by runs in three years (2013,2015,2016) when we filter the top 10
- Royal Challengers
Bangalore has two consecutive biggest wins by runs in the top 10
- Next Highest after the consecutive position by Royal challengers
Bangalore is Kolkata knight riders

Biggest Wins By Wickets



- Majority of the teams have won by 7 wickets and 6 wickets across the season
- Win by 10 wickets has a lesser chance across the seasons

Highest Total Across All Seasons

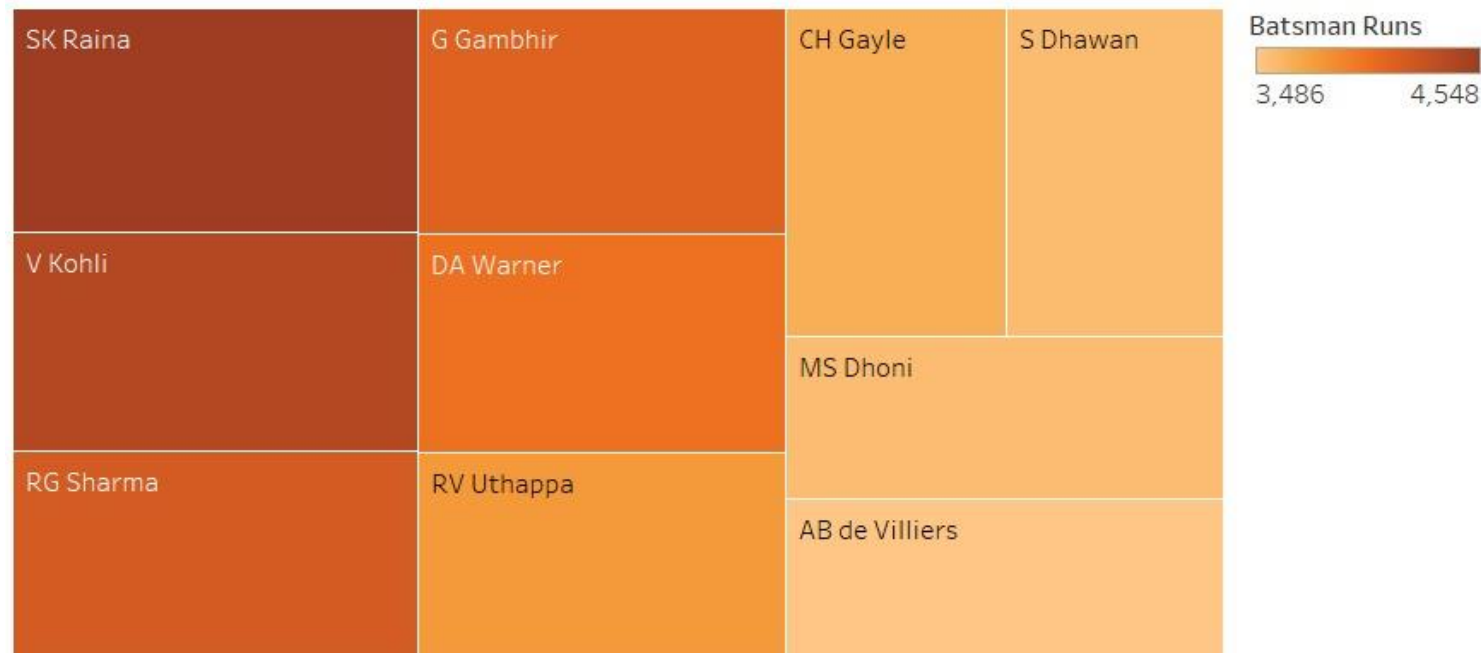


- The highest total across seasons from 2008 to 2017 is 263 which is scored by Royal Challengers Bangalore
- The most 200+ scores has been scored by Royal Challengers Bangalore across seasons
- The next highest total scored by a team across seasons is Chennai super kings

Player Statistics

Orange Cap Contenders

Orange Cap Contenders

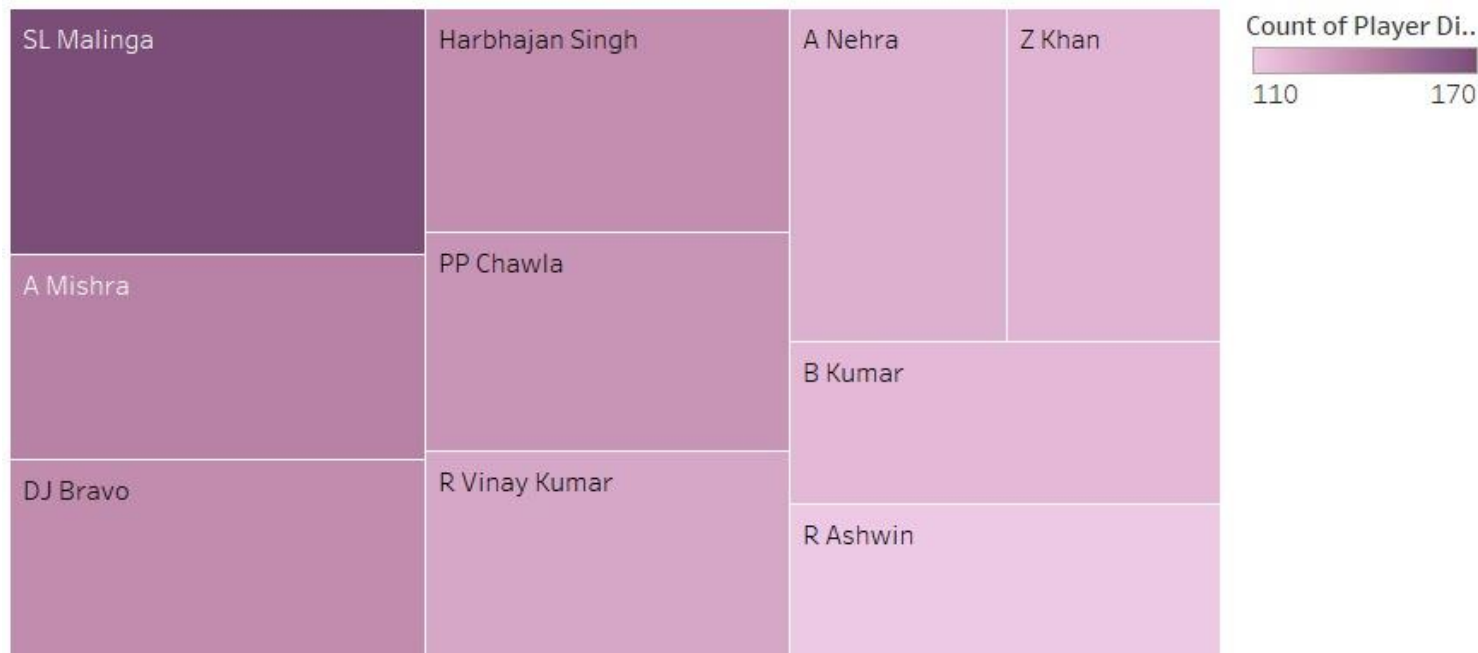


Batsman. Color shows sum of Batsman Runs. Size shows sum of Batsman Runs. The marks are labeled by Batsman. The context is filtered on Date Year, which keeps 10 of 10 members. The view is filtered on Batsman which keeps 10 of 461 members.

- The most runs scored across all seasons is Suresh Raina when filtering top 10 from the list
- The least in the top 10 list would be AB De Villiers from 2008 - 2017

Purple Cap Contenders

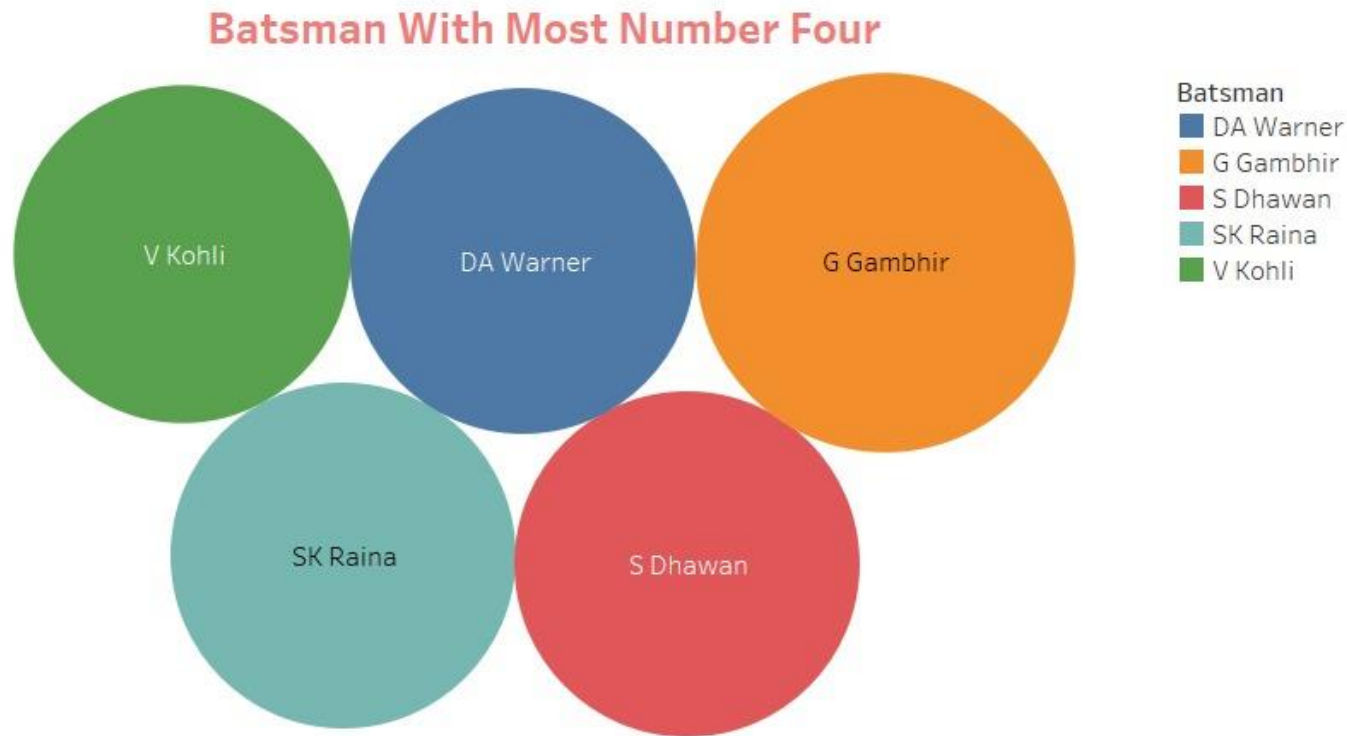
Purple Cap Contenders



Bowler. Color shows count of Player Dismissed. Size shows count of Player Dismissed. The marks are labeled by Bowler. The context is filtered on Date Year, which keeps 10 of 10 members. The view is filtered on Bowler which keeps 10 of 356 members

- Lasith Malinga has taken most number of wickets across seasons 2008 – 2017 (Total Dismissal - 170)
- Ravichandran Ashwin off break spinner has the least number of wickets across seasons (Total Dismissal - 110)
- This insight is based on the top 10 purple cap contenders

Batsman With Most Number Of Fours



Batsman. Color shows details about Batsman. Size shows Four. The marks are labeled by Batsman. The context is filtered on Date Year, which keeps 10 of 10 members. The view is filtered on Batsman, which keeps DA Warner, G Gambhir, S Dhawan, SK Raina and V Kohli.

- By considering the top 5 batsman with most number of fours
- Gautham Gambhir hit total of 484 fours across the seasons
- In the top 5 batsman least number of fours is 384 which is scored by Virat Kholi

Batsman With Most Number Of Sixes

Batsman With Most Number Of Sixes



Batsman. Color shows details about Batsman. Size shows Sixes. The marks are labeled by Batsman. The context is filtered on Date Year, which keeps 10 of 10 members. The view is filtered on Batsman, which keeps CH Gayle, DA Warner, RG Sharma, SK Raina and V Kohli.

- By considering the top 5 batsman who has scored most number of sixes
- Chris Gayle has scored the unbeatable most number of sixes (266 sixes)
- The second top and the third batsman doesn't have much difference in the number of sixes hit across seasons

Team Statistics

Win % Home Vs Away

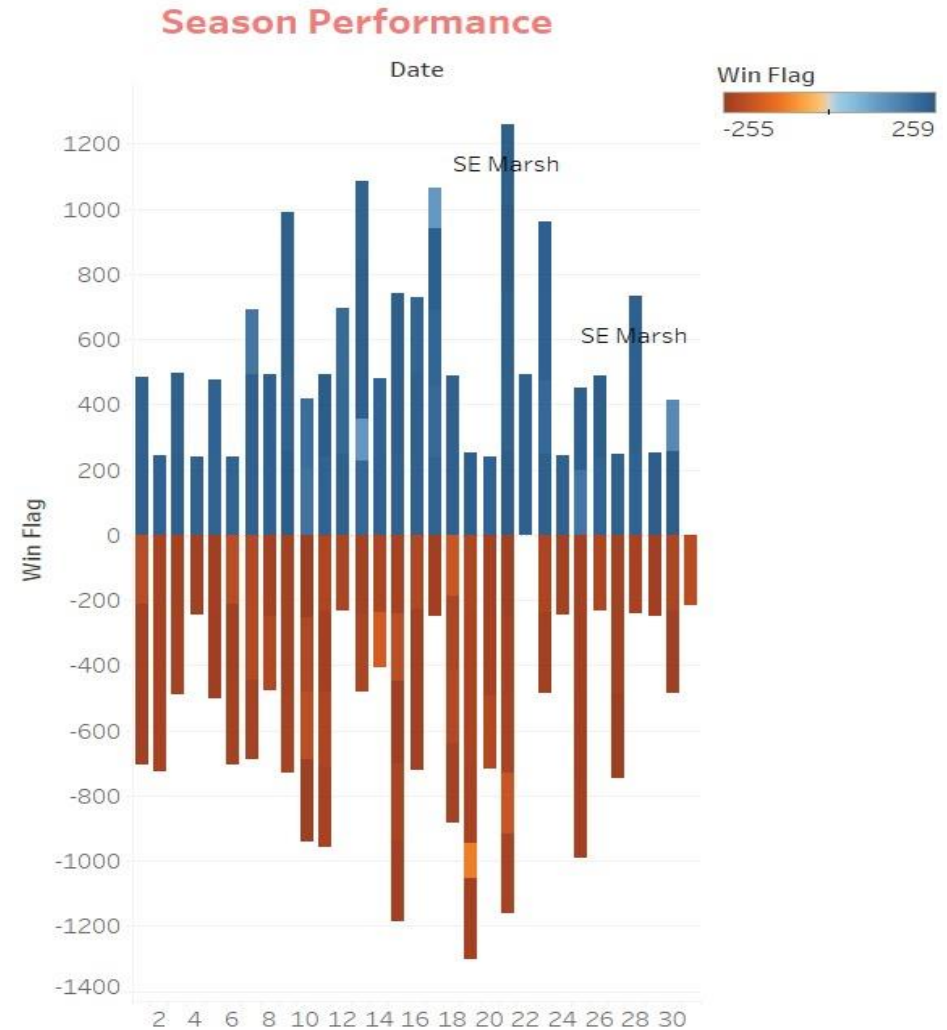
- Win % in home matches is nearly 47% whereas the away matches win % is nearly 42%

Win % Home Vs Away

Year of D..	Home Vs Away		NA
	Away	Home	
2008	53.4%	85.4%	0.0%
2009			53.9%
2010	50.5%	13.9%	0.0%
2011	19.5%	71.5%	54.4%
2012	62.6%	36.5%	
2013	35.6%	63.1%	
2014	60.6%	64.8%	78.2%
2015	30.3%	14.9%	0.0%
2016	21.9%	28.7%	47.7%
2017	45.1%	45.4%	67.1%

Win % broken down by Home Vs Away vs. Date Year. The view is filtered on Home Vs Away, which has multiple members selected.

Season Wise Performance Win Vs Loss



APPENDIX - DATA SOURCES:

- Here is information of our data dictionary.
 - Matches details such as team details , date , Win by runs , Win by Wickets etc.
 - Delivery details such as Fielder , Batsman , Overs , Total Runs , Batsman Runs etc.
- The team used the following data sources:
 - IPL Data set provided by Upgrad Team