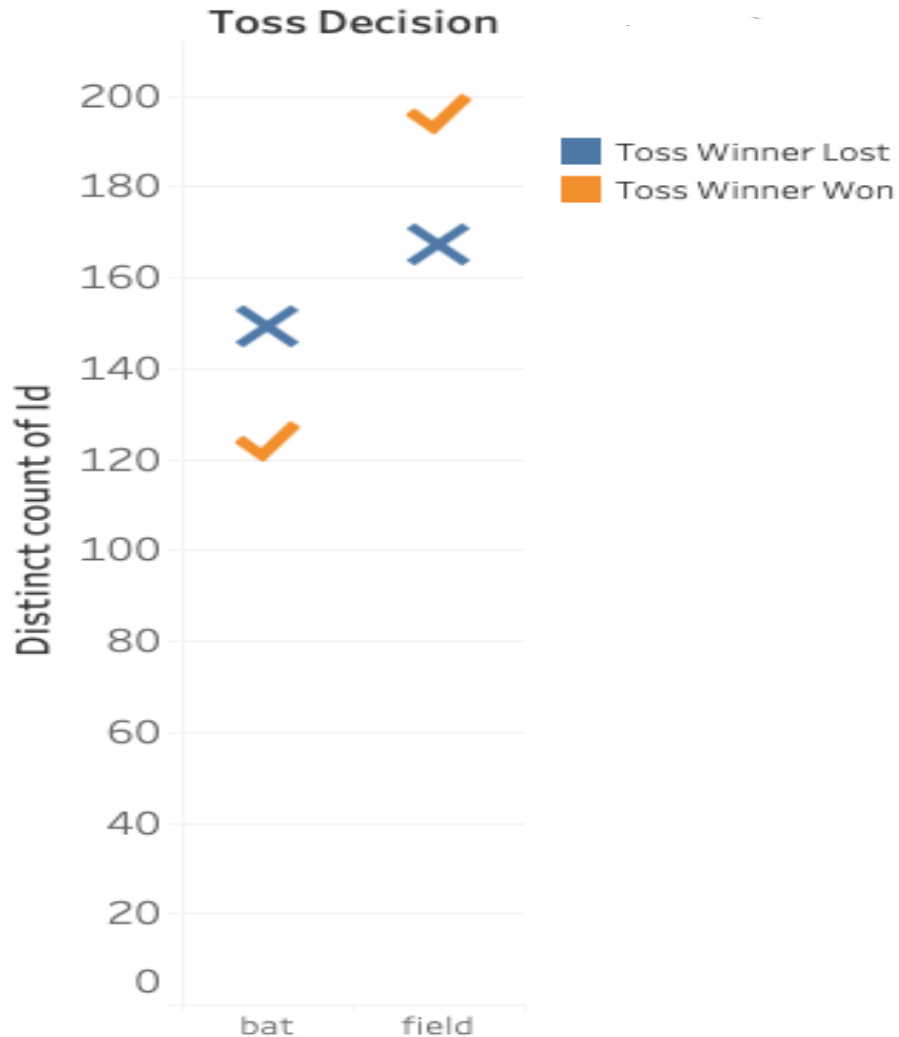


IPL Visualization Assignment

By
Nithyashree PV



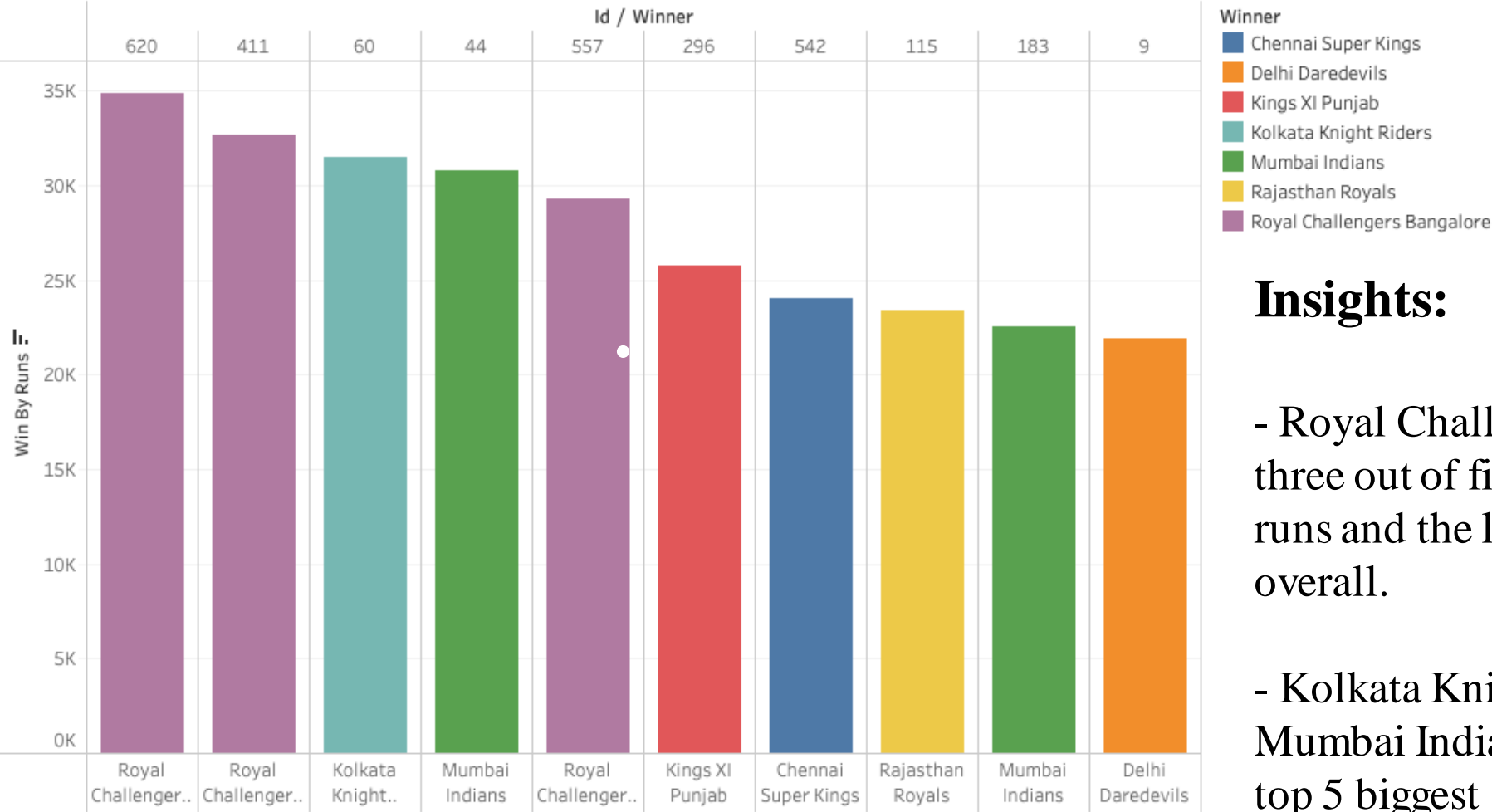
Toss Outcome vs Match Outcome



Insights:

- Toss Winners who chose to field were more likely to win the match.
- Toss winners who chose to bat were more likely to lose the match.
- Overall, fielding seems to be toss decision that is most likely to lead to victory.

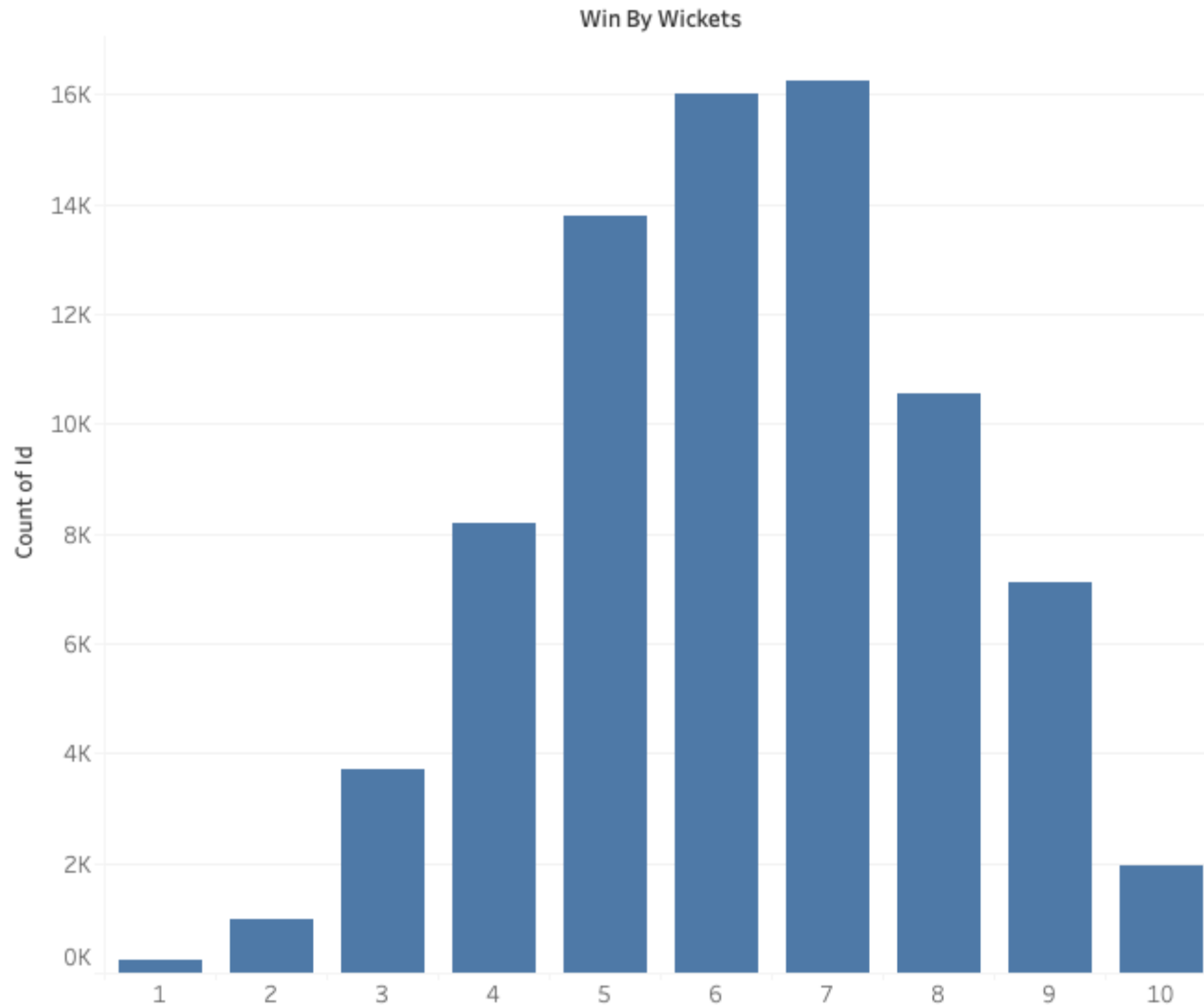
Biggest Win by Runs



Insights:

- Royal Challengers Bangalore has three out of five of the largest win by runs and the largest win by runs overall.
- Kolkata Knight Riders and Mumbai Indians make the rest of the top 5 biggest win by runs.

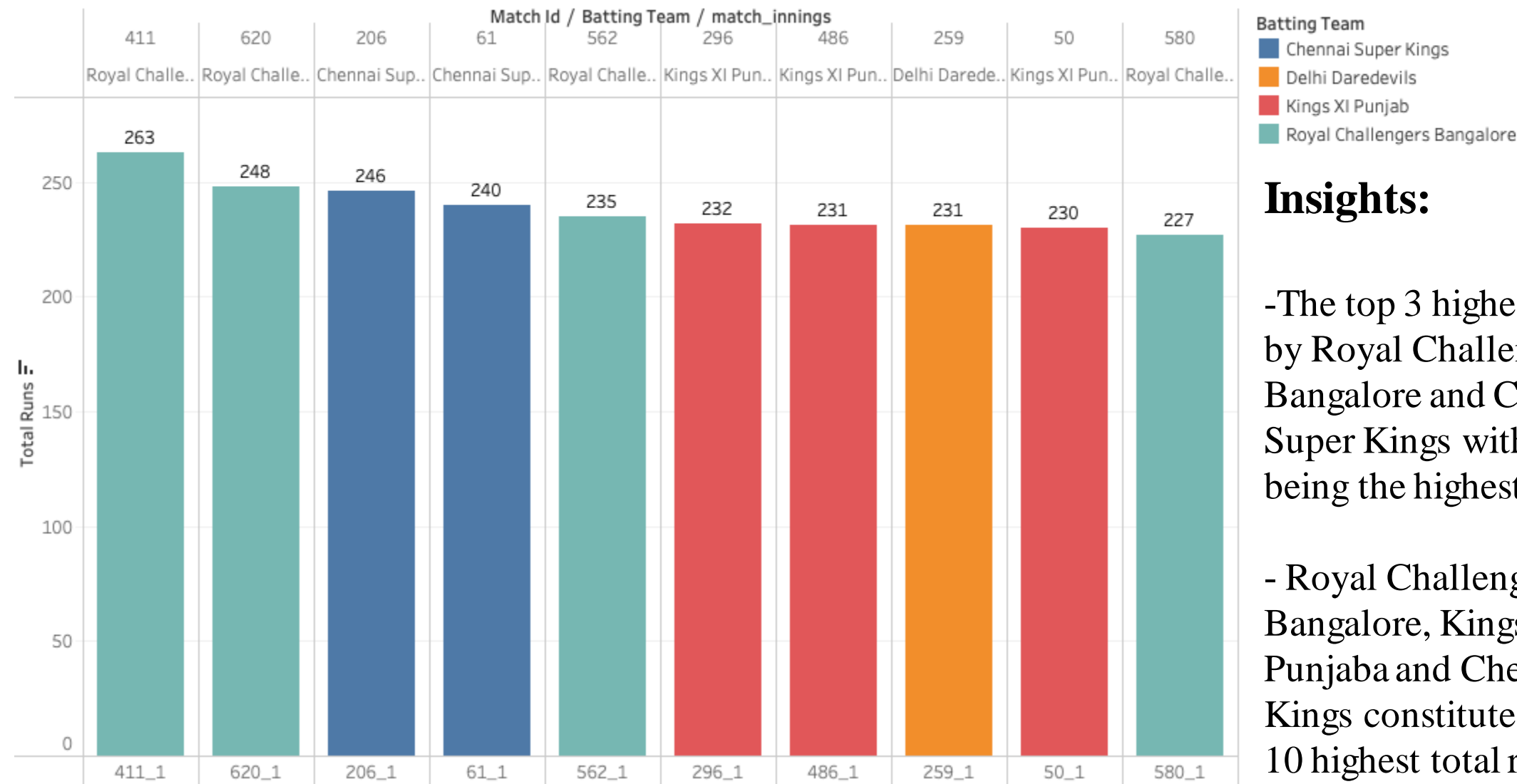
Biggest Win by Wickets



Insights:

- The biggest win by wickets shows a normal distribution with most wins being won by 5—7 wickets.
- Most matches have been won by 7 wickets, followed by 6 and then 5.

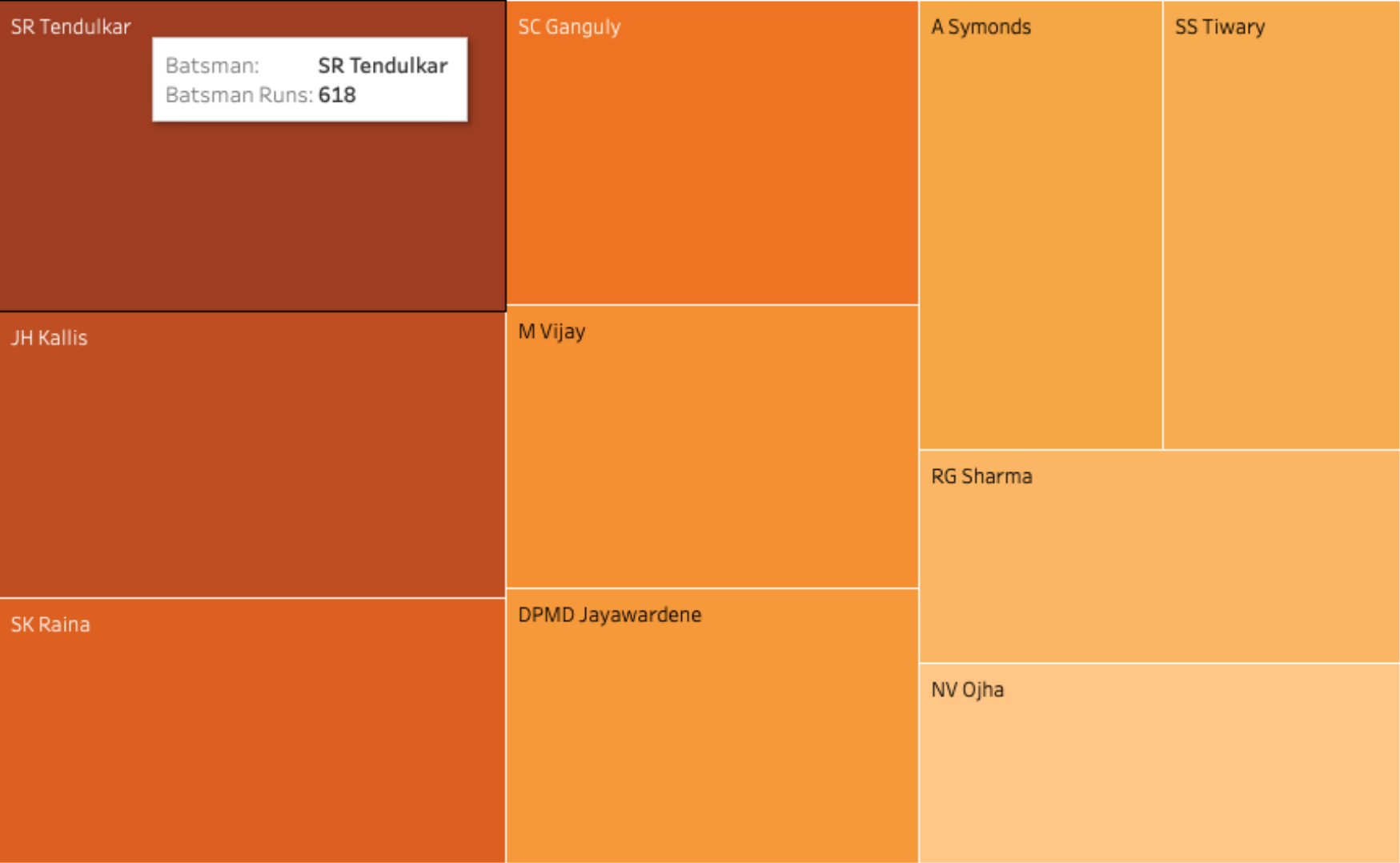
Highest Totals across all Seasons



Insights:

- The top 3 highest total runs by Royal Challengers Bangalore and Chennai Super Kings with 263 runs being the highest.
- Royal Challengers Bangalore, Kings XI Punjaba and Chennai Super Kings constitute 9 of the top 10 highest total runs.

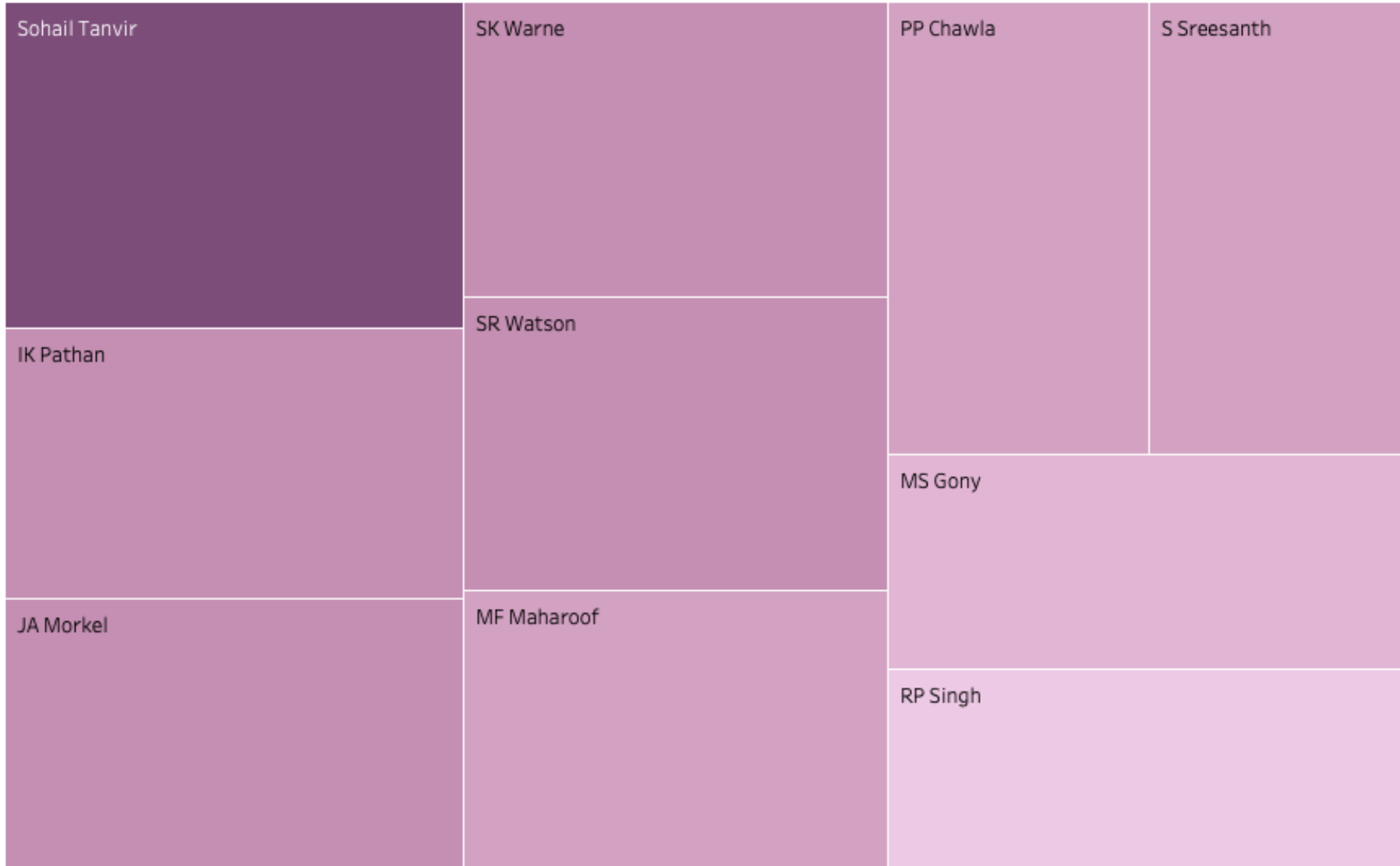
Orange Cap Contenders



Insights:

- This Treemap shows the Top 10 Contenders for the year 2010.
- Sachin Tendulkar is the top Orange Cap Contender for 2010 with 618 Batsman Runs.

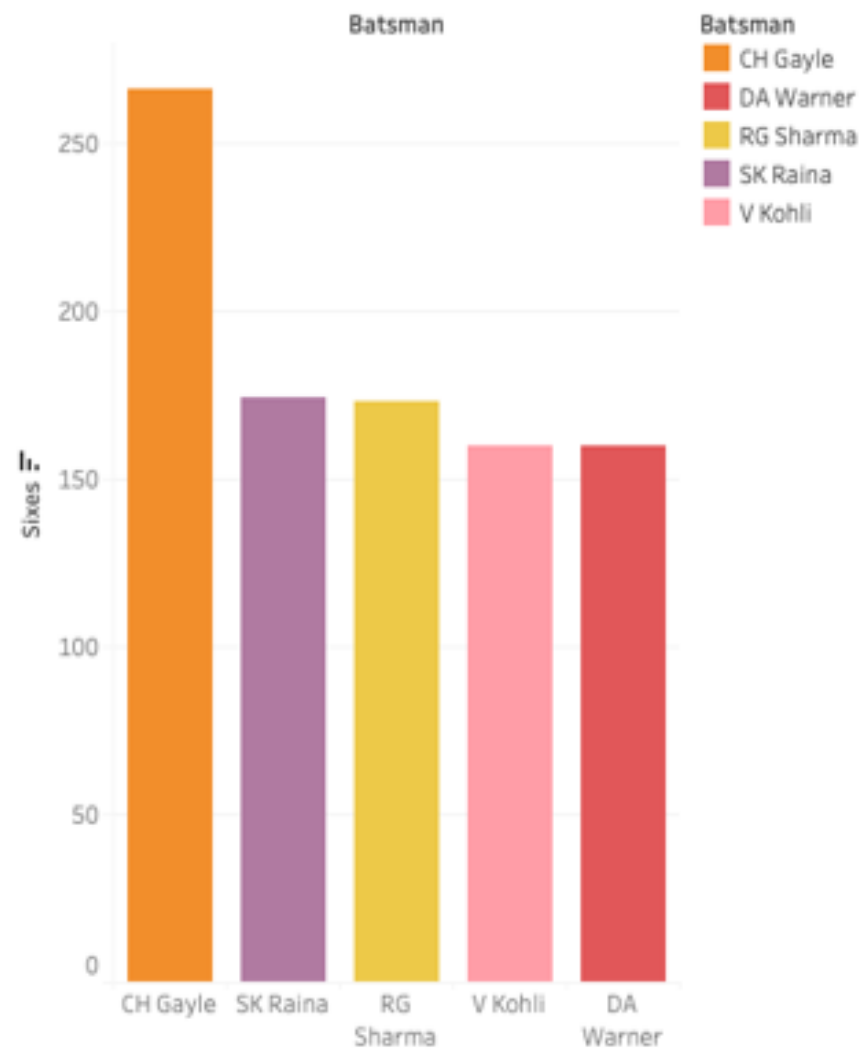
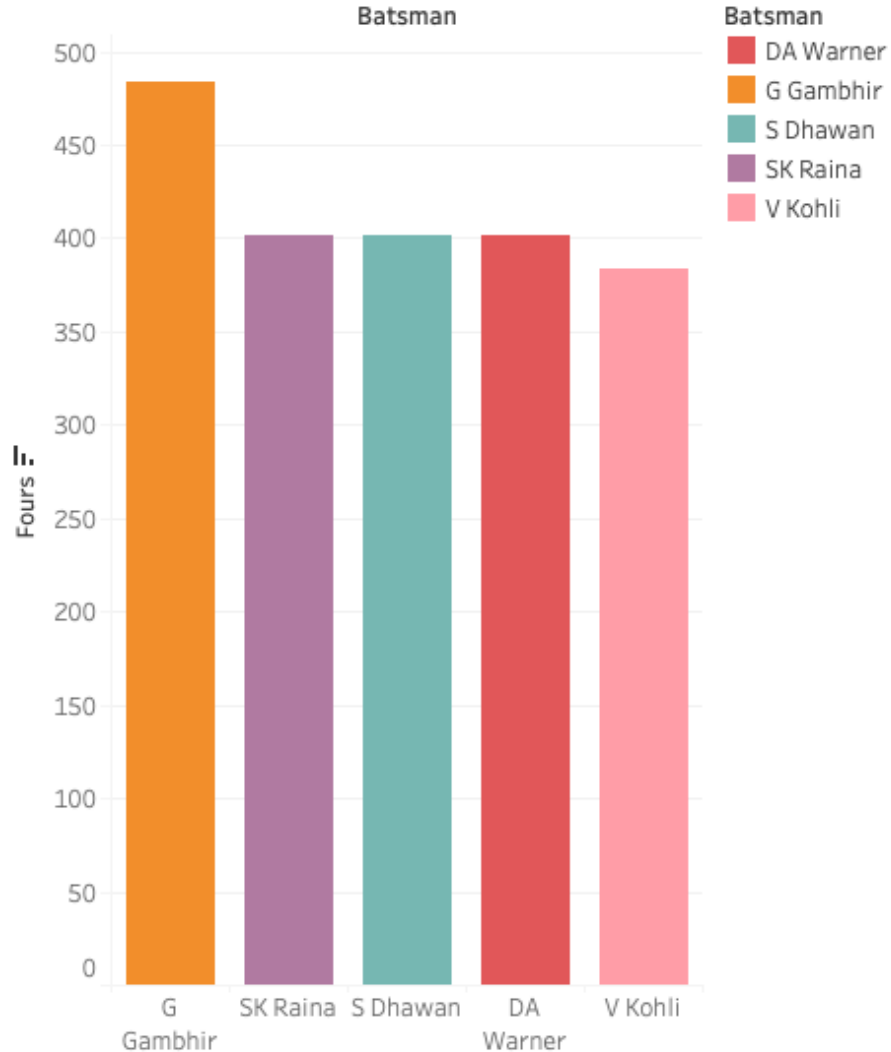
Purple Cap Contenders



Insights:

- This Treemap shows the Top 10 Contenders for the year 2008.
- Sohail Tanvir is the top Purple Cap Contender for 2008 with 24 players dismissed.

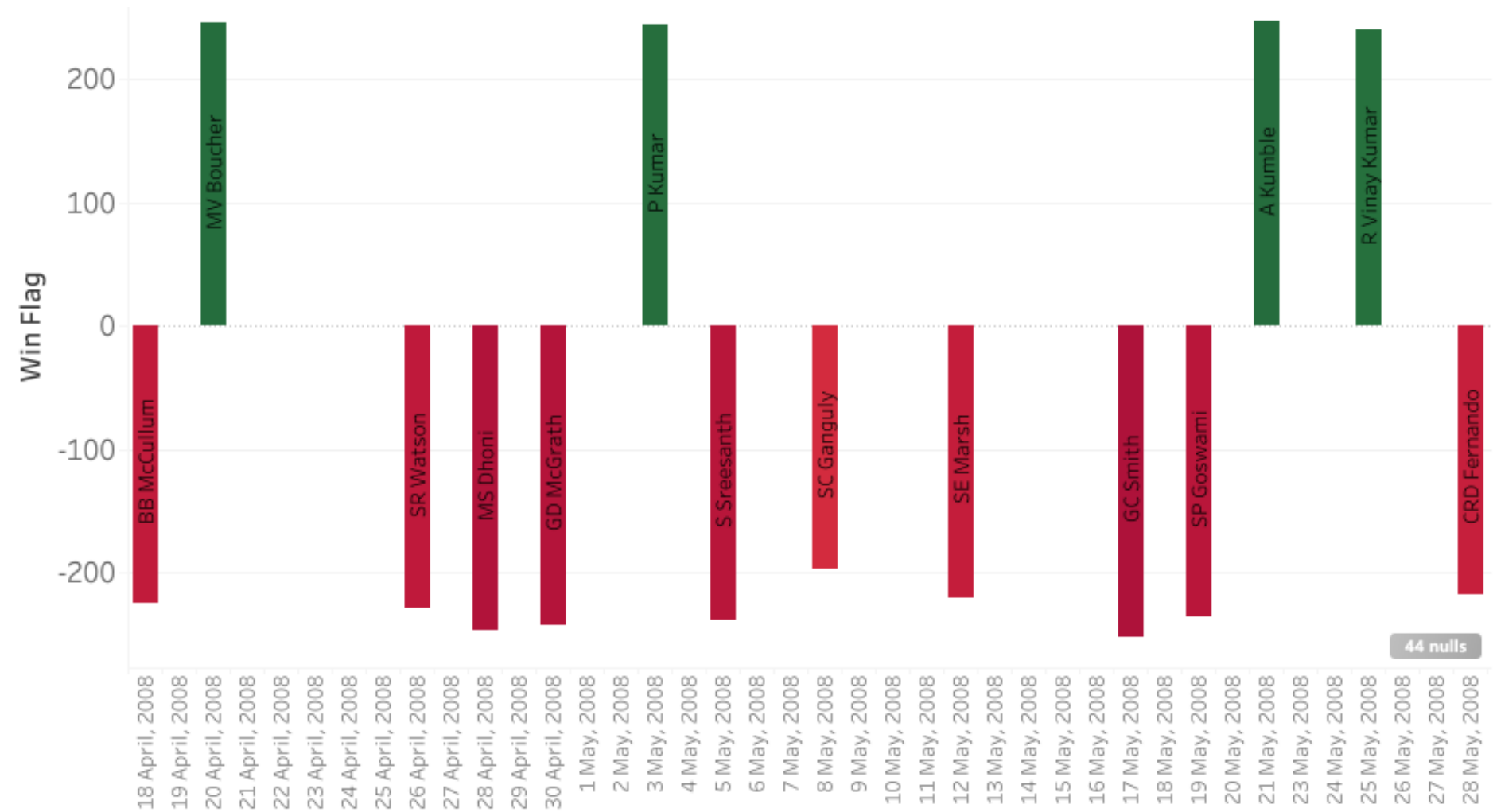
Batsmen with the Highest 4s and 6s



Insights:

- These are the top 5 batsmen with the highest 4s and 6s respectively across 2008-17.
- G Gambhir is the batsmen with the highest 4s.
- Chris Gayle is the batsmen with the highest 6s.

Team Performance by Seasons



Insights:

- These show the Team Performance for a specific Team (Royal Challengers here) along with the number of wins and losses for 2008.
- This also shows the Player of the match for each individual match.

Home vs Away Team (Win %)

Year of Date	Home vs Away		Win %	
	Away	Home	0.00%	86.71%
2008	44.53%	14.91%		
2010	41.52%	55.19%		
2011	49.87%	82.33%		
2012	62.07%	42.48%		
2013	28.49%	86.71%		
2014	0.00%	40.64%		
2015	72.85%	25.30%		
2016	50.34%	54.12%		
2017	35.10%	17.60%		

Insights:

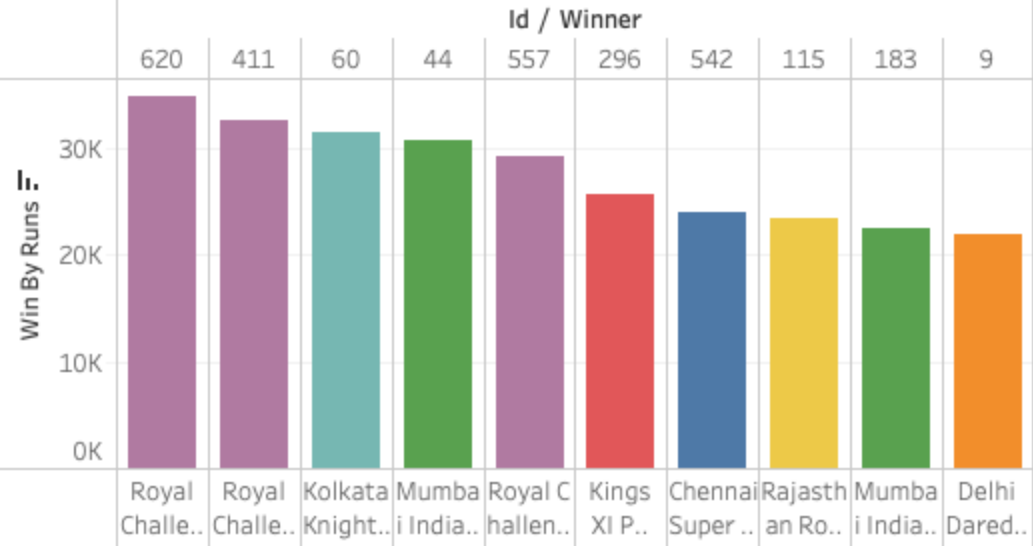
- For the years 2013, 2014 and 2017, the Away teams had a higher Win % than Home Teams.
- Overall, Teams are more likely to win on Home Ground.

Match Statistics Dashboard

Toss Outcome vs Match Outcome (By Ground)



Biggest Wins by Runs

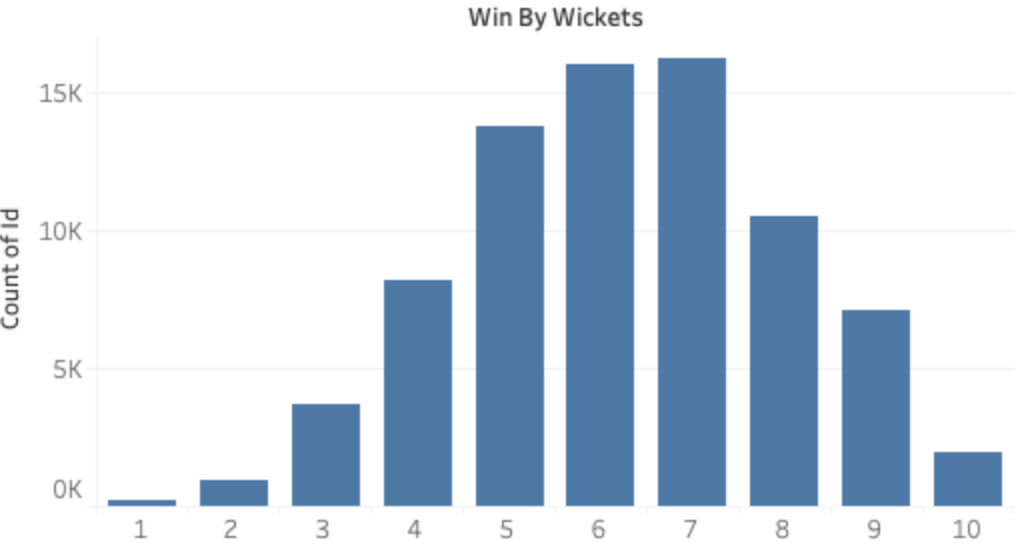


Toss Vs Outcome

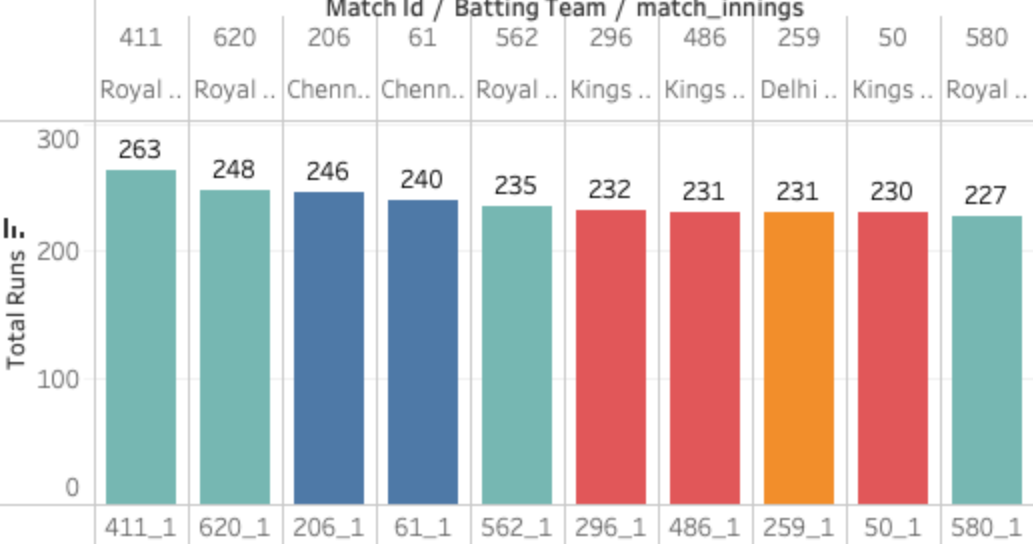
- Toss Winner Lost
- Toss Winner Won

- Venue
- Barabati Stadium
 - Brabourne Stadium
 - Buffalo Park
 - De Beers Diamond Oval
 - Dr DY Patil Sports Academy
 - Dr. Y.S. Rajasekhara Reddy Cricket Stadium
 - Dubai International Cricket Stadium
 - Eden Gardens
 - Feroz Shah Kotla
 - Green Park
 - Himachal Pradesh Cricket Stadium
 - Holkar Cricket Stadium
 - JSCA International Stadium
 - Kingsmead
 - M Chinnaswamy Stadium
 - MA Chidambaram Stadium
 - Maharashtra Cricket Stadium
 - Nehru Stadium
 - New Wanderers Stadium
 - Newlands
 - OUTsurance Oval
 - Punjab Cricket Association Stadium
 - Punjab Cricket Association Stadium

Wins by Wickets



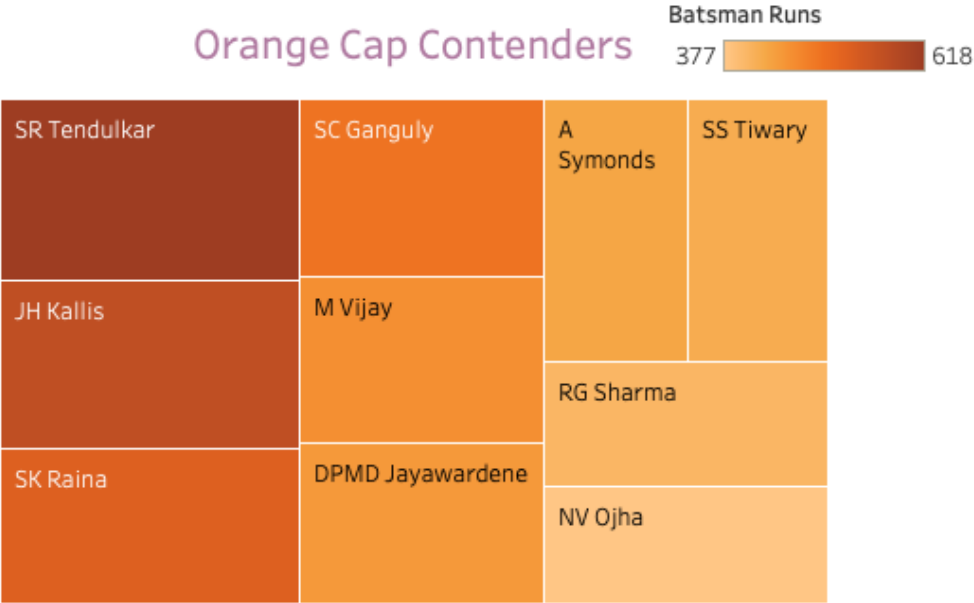
Highest Totals across all Seasons



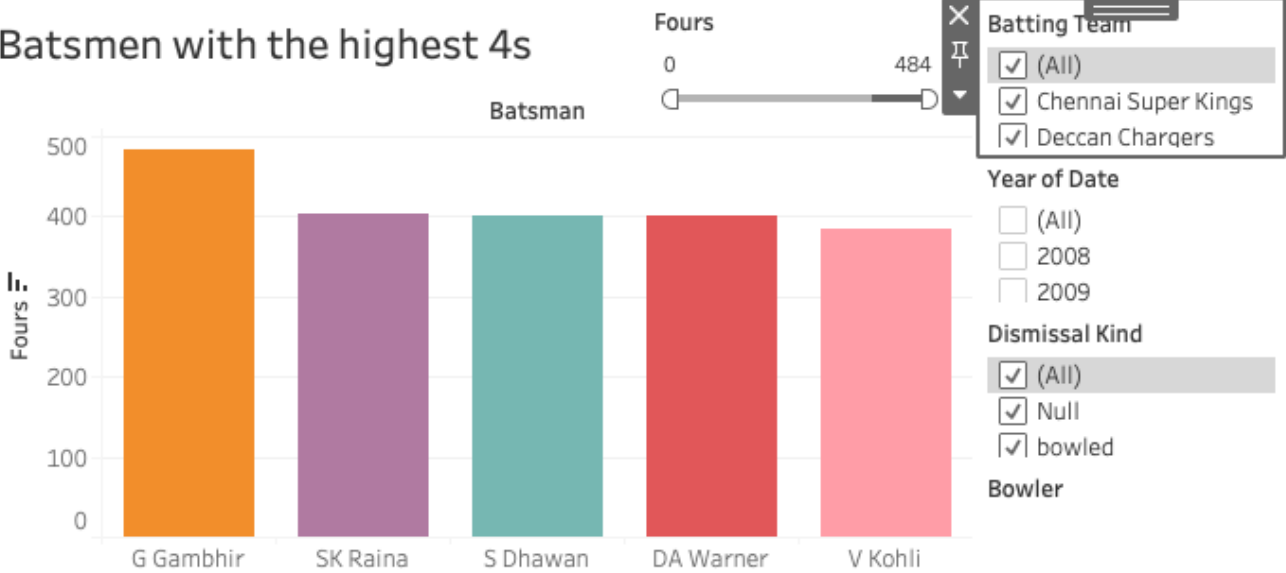
- Winner
- Chennai Super Kings
 - Delhi Daredevils
 - Kings XI Punjab
 - Kolkata Knight Riders
 - Mumbai Indians
 - Rajasthan Royals
 - Royal Challengers Bangalore

Player Statistics Dashboard

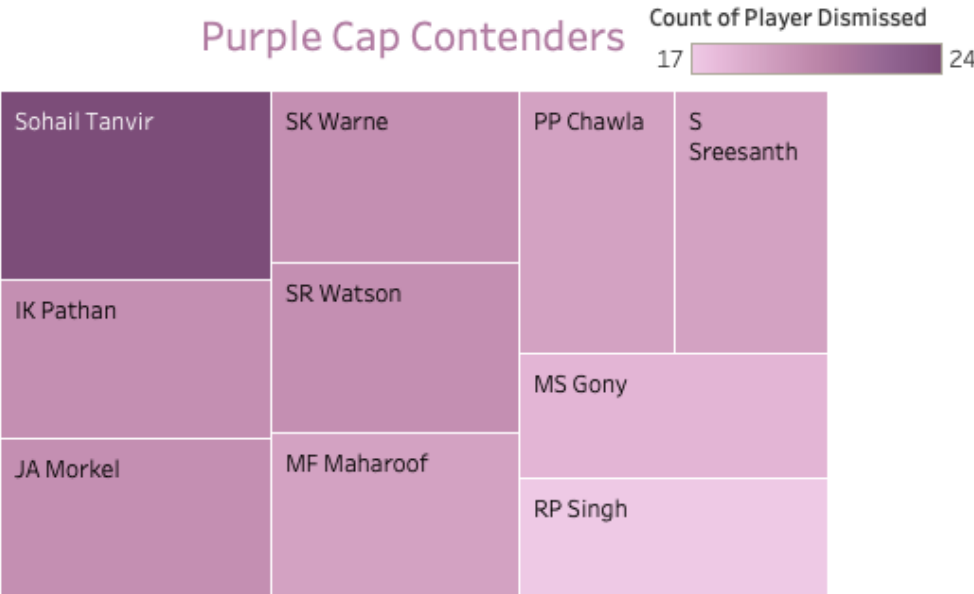
Orange Cap Contenders



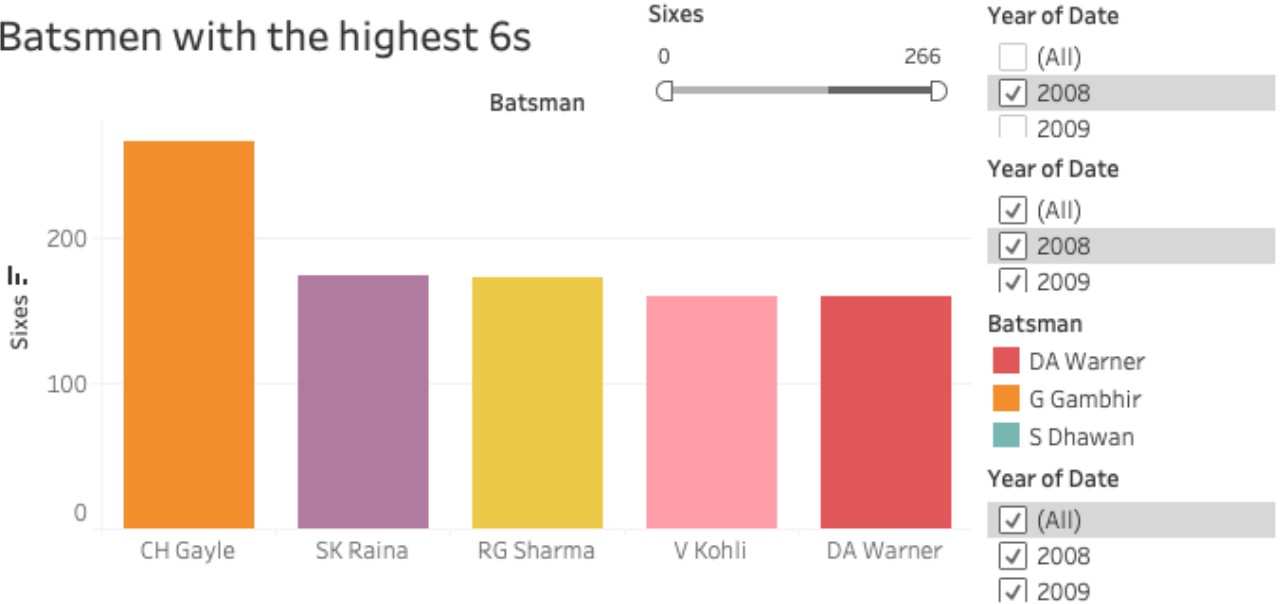
Batsmen with the highest 4s



Purple Cap Contenders

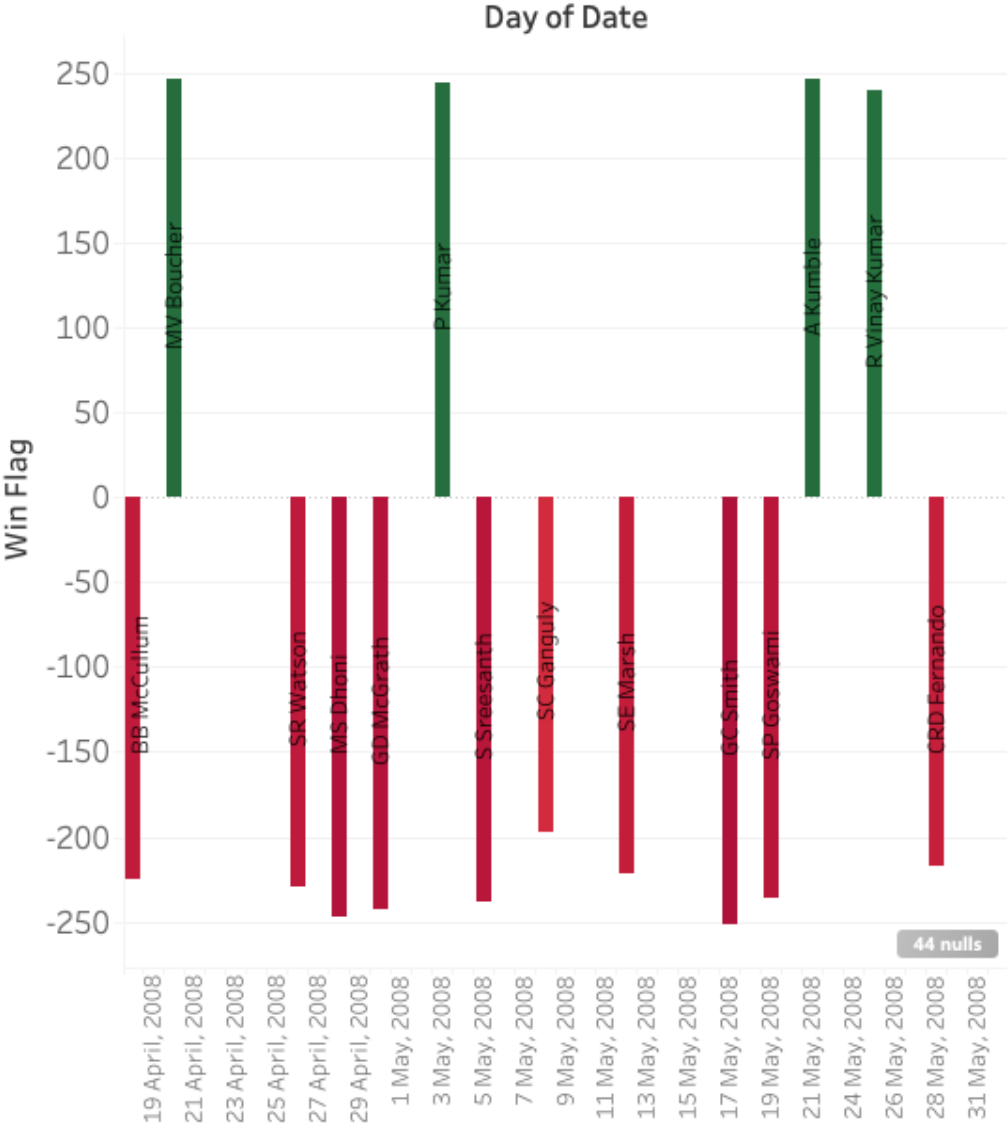


Batsmen with the highest 6s



Team Statistics Dashboard

Team Performance by Seasons



Win % (Home vs Away Teams)

Year of Date	Home vs Away	
	Away	Home
2008	44.53%	14.91%
2010	41.52%	55.19%
2011	49.87%	82.33%
2012	62.07%	42.48%
2013	28.49%	86.71%
2014	0.00%	40.64%
2015	72.85%	25.30%
2016	50.34%	54.12%
2017	35.10%	17.60%

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▼

Year of Date

☐ (All)

☒ 2008

☐ 2009

☐ 2010

☐ 2011

☐ 2012

☐ 2013

☐ 2014

☐ 2015

☐ 2016

☐ 2017

Limit

Top 10 by COUNT([Win Flag])

Win Flag

-252

247

Teams

Royal Challengers Ban..

Win %

0.00%

86.71%