

The background of the slide is a dense, 3D-rendered field of numbers. The numbers are in various shades of light blue and white, creating a sense of depth and movement. They are scattered across the entire frame, with some numbers appearing larger and more prominent than others. The overall effect is a dynamic, data-driven aesthetic.

IPL Visualization (Tableau)

By : Nurshafizah Mohd Kamil

Toss Outcome vs Match Outcome

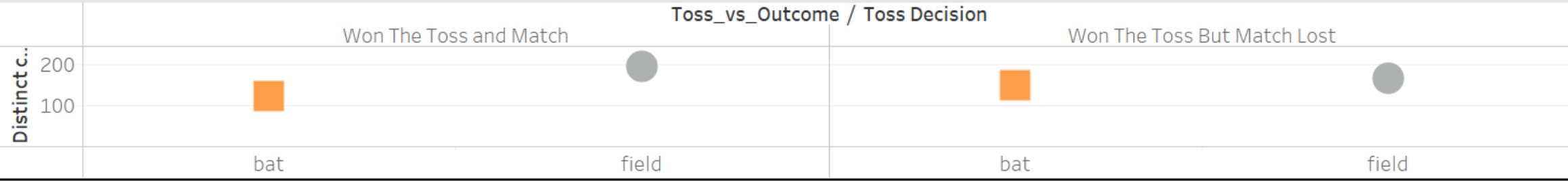
Across Ground/Venue

Toss Decis..

bat

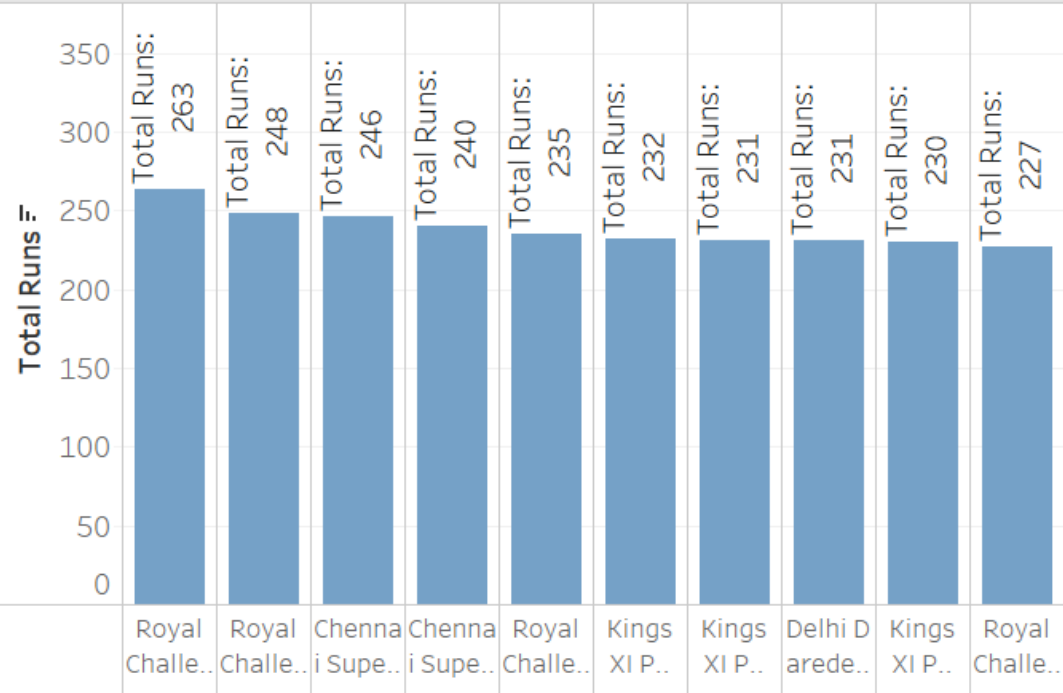
Venue

- ✓ Baraba..
- ✓ Brabou..
- ✓ Buffalo..
- ✓ De Bee..
- ✓ Dr DY P..
- ✓ Dr. Y.S...



Highest Totals

(Across Seasons)



Season

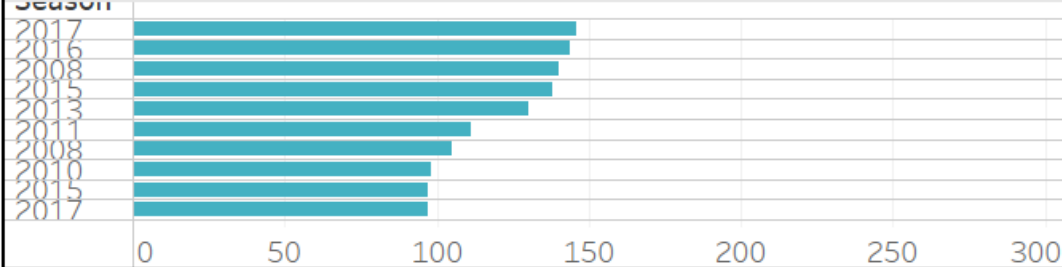
All

Limit

Top 10 by SUM([Total Runs])

Biggest Win By Runs

(Across Seasons)

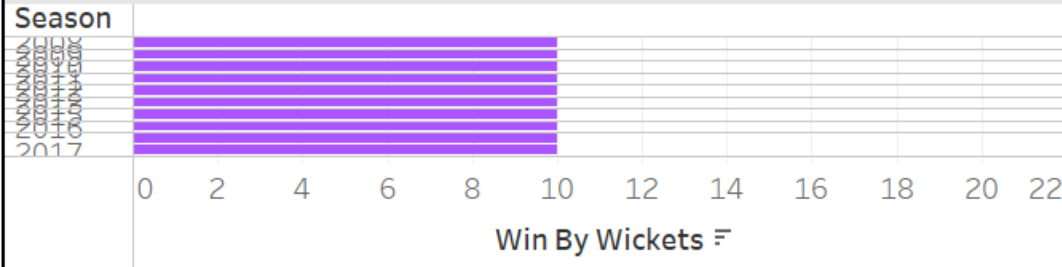


Season

- ✓ 2008
- ✓ 2009
- ✓ 2010
- ✓ 2011
- ✓ 2012
- ✓ 2013
- ✓ 2014
- ✓ 2015
- ✓ 2016
- 2017

Biggest Win By Wickets

(Across All/Seasons)

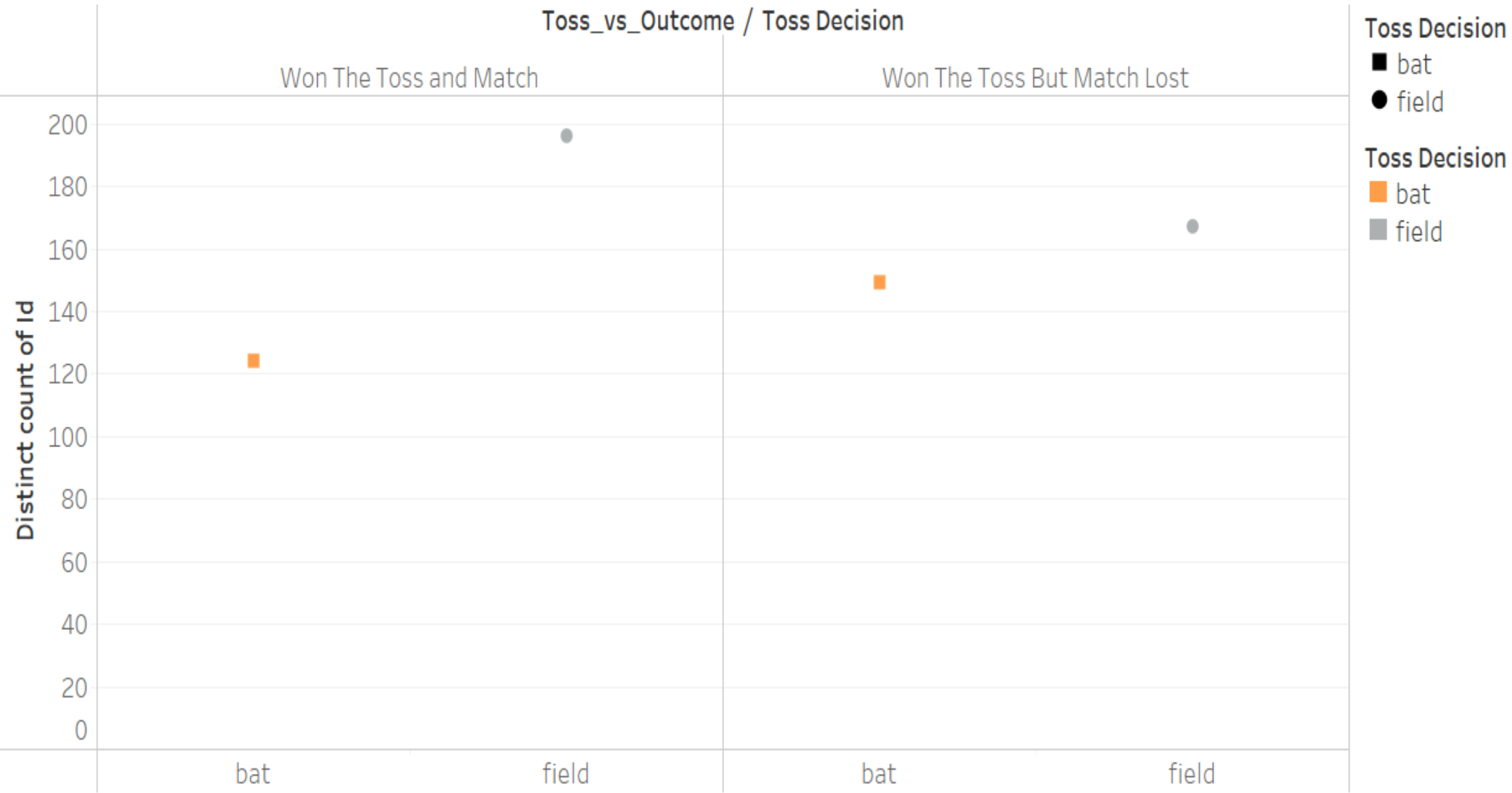


Season

- ✓ 2008
- ✓ 2009
- ✓ 2010
- ✓ 2011
- ✓ 2012
- ✓ 2013
- ✓ 2014
- ✓ 2015
- ✓ 2016
- 2017

Toss Outcome vs Match Outcome

Across Ground/Venue



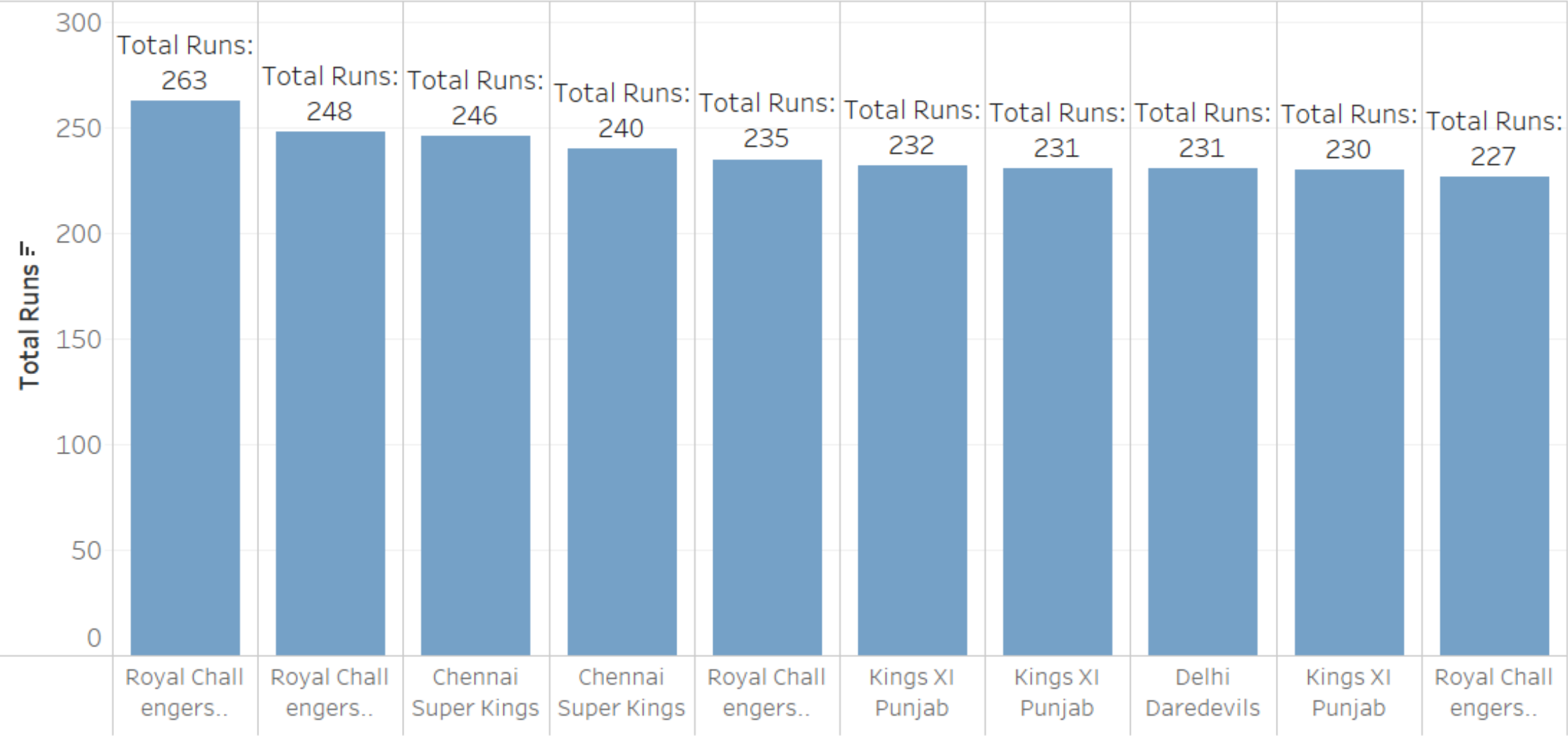
Distinct count of Id for each Toss Decision broken down by Toss_vs_Outcome. Color shows details about Toss Decision. Shape shows details about Toss Decision. The data is filtered on Venue, which keeps 35 of 35 members.

Insights:

We can clearly assume that by winning the Toss does not guarantee a Team to win the match as well. Clearly there are other contributing factors in this regards.

Highest Totals

(Across Seasons)



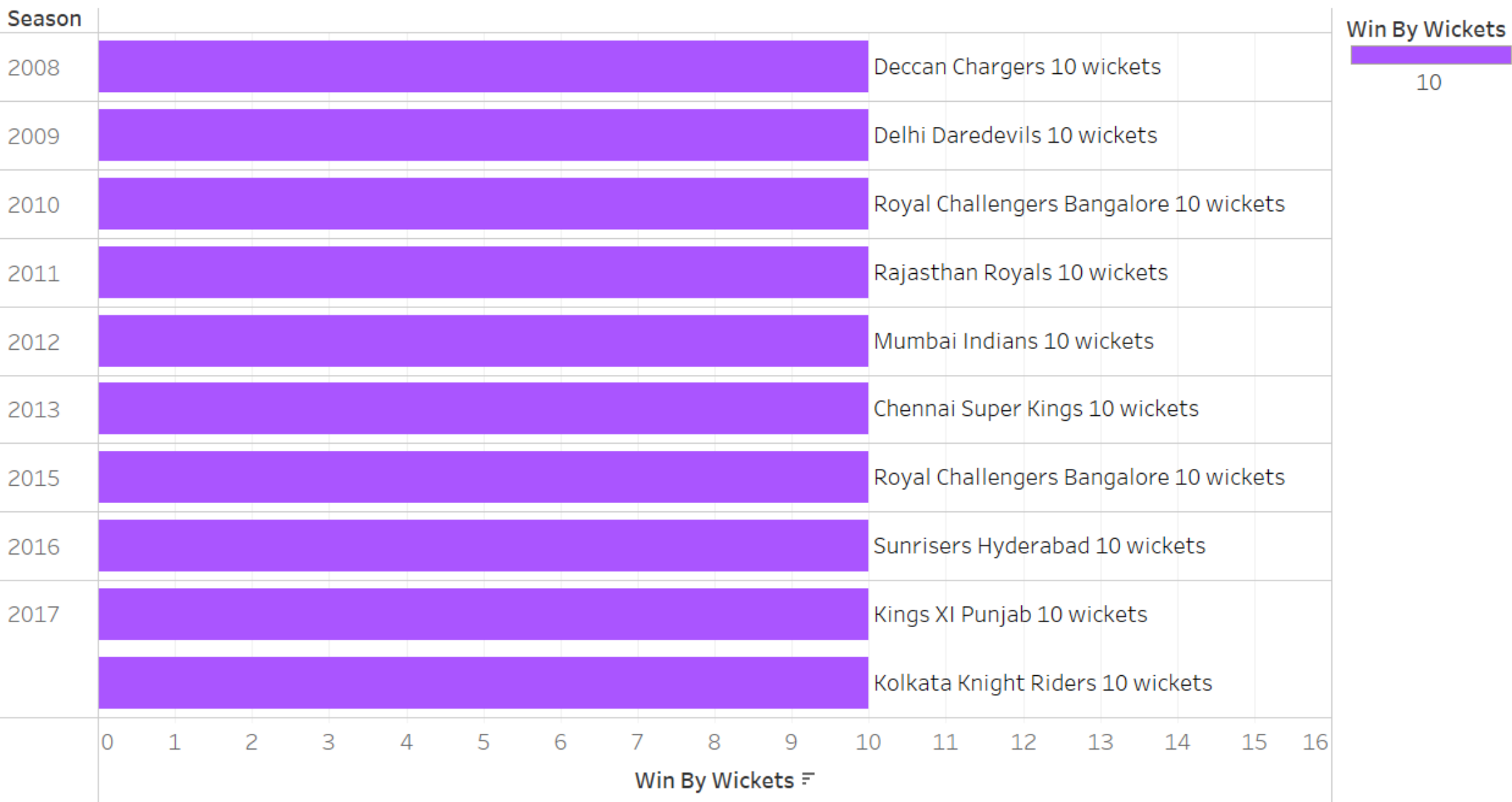
Insights:

From the chart, we can summarize that Royal Challengers Bangalore scores the 1st and 2nd places for the Highest Total across season in the year 2013 and 2016. Followed closely by Chennai Super Kings with 246 runs.

Sum of Total Runs for each Winner as an attribute broken down by Match Id. The marks are labeled by sum of Total Runs. The data is filtered on Highest Total Team, Top 10, Inning and Season. The Highest Total Team filter has multiple members selected. The Top 10 filter keeps True. The Inning filter keeps 1. The Season filter keeps 10 of 10 members. The view is filtered on Season as an attribute, which ranges from 2,008 to 2,017.

Biggest Win By Wickets

(Across All/Seasons)

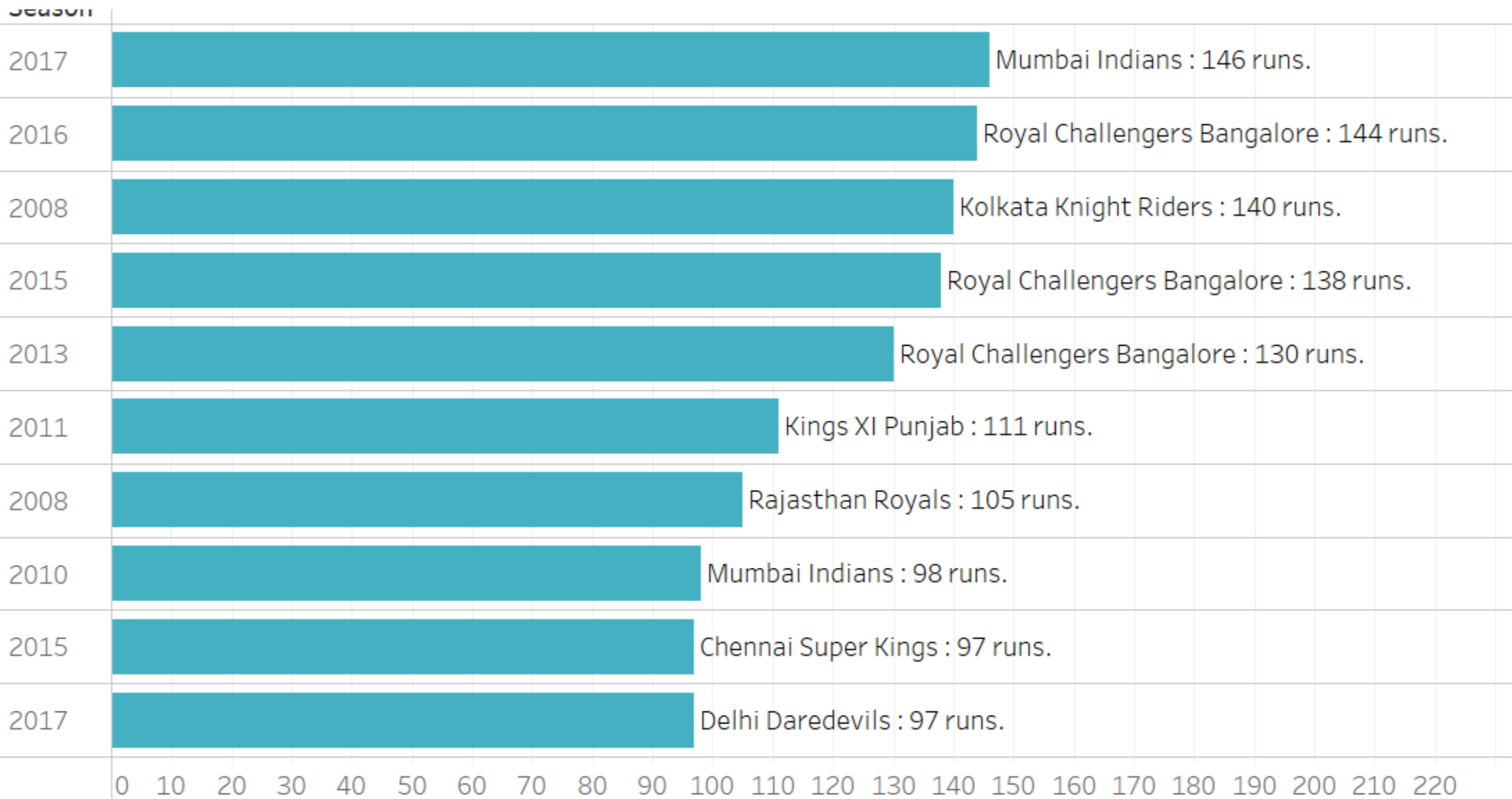


Sum of Win By Wickets for each Id broken down by Season. Color shows sum of Win By Wickets. The marks are labeled by Winner as an attribute and sum of Win By Wickets. The data is filtered on Top 10, which keeps True. The view is filtered on Season, which keeps 10 of 10 members.

Insights:
The Highest wickets across seasons are 10 wickets. The chart is filtered by Season, thus we can see Highest Win by Wicket per season in case we need to analyse further

Biggest Win By Runs

(Across Seasons)

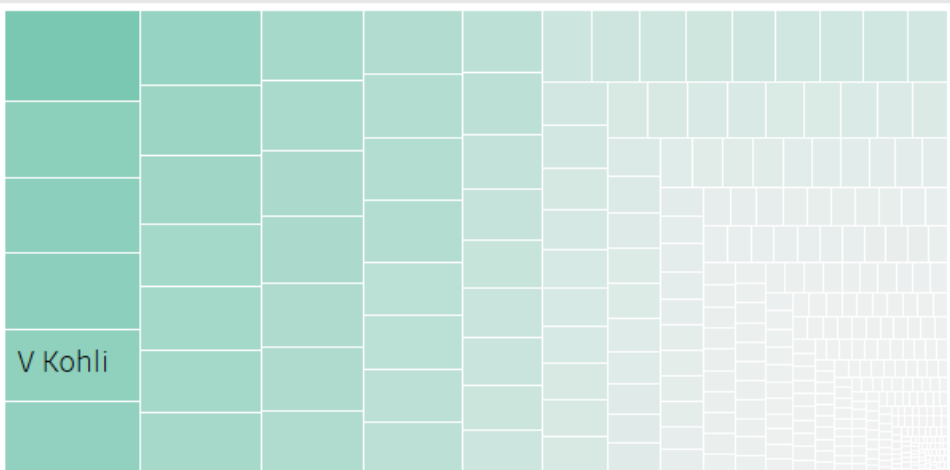


Insights:
Mumbai Indians scored the Top for the Biggest Win by Runs with 146 runs, however it is tightly followed by the Royal Challengers Bangalore with 144 runs.

Sum of Win By Runs for each Season broken down by Id. The marks are labeled by sum of Win By Runs and Winner as an attribute. The data is filtered on Top 10, which keeps True. The view is filtered on Season, which keeps 10 of 10 members.

Batmans Who Hits Most 4's

(Across Seasons/ All)



Season

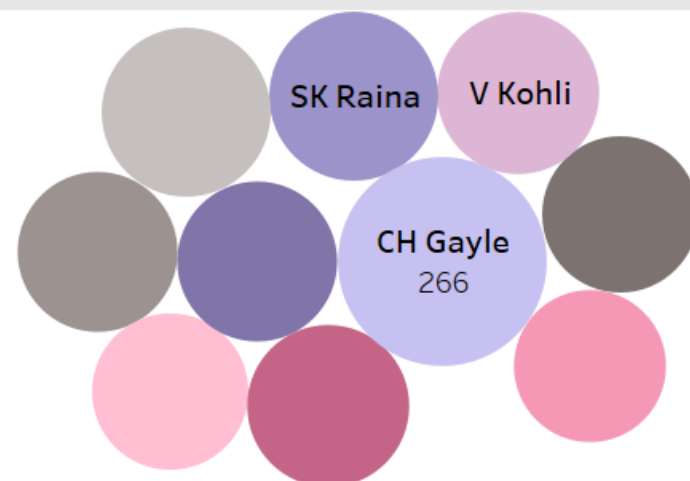
- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015
- ☒ 2016
- ☒ 2017

Fours



Batmans Who Hits Most 6's

(Across Seasons/ All)



Batsman

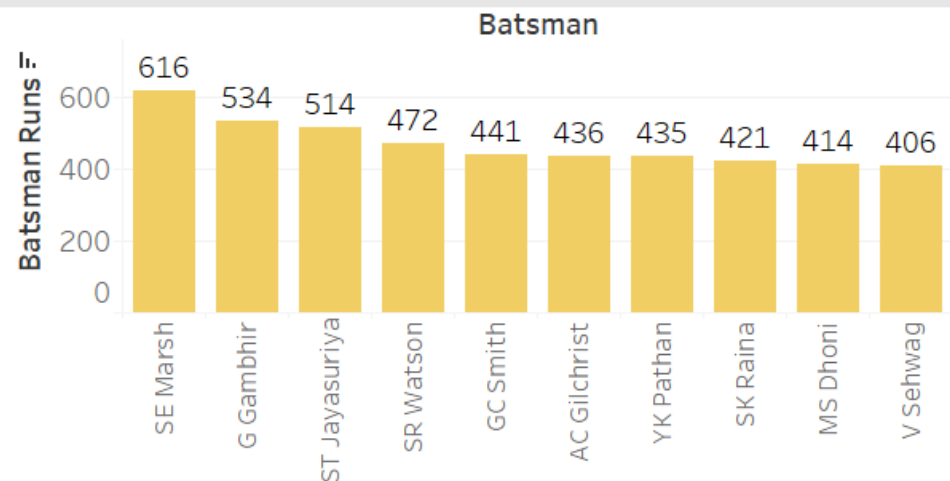
- ☒ AB d..
- ☒ CH G..
- ☒ DA ..
- ☒ KA P..
- ☒ MS ..
- ☒ RG S..
- ☒ SK R..
- ☒ V Ko..
- ☒ YK P..
- ☒ Yuvr..

Season

- ☒ 2008
- ☒ 2009
- ☒ 2010
- ☒ 2011
- ☒ 2012
- ☒ 2013
- ☒ 2014
- ☒ 2015
- ☒ 2016
- ☒ 2017

Orange Cap Contenders

(Across All/ Season)



Season

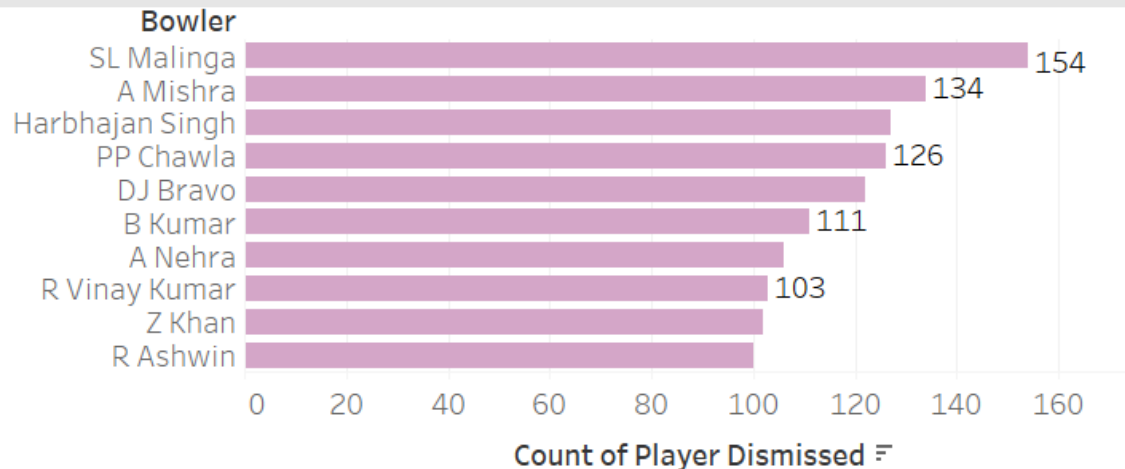
- ☒ 2008
- ☐ 2009
- ☐ 2010
- ☐ 2011
- ☐ 2012
- ☐ 2013
- ☐ 2014
- ☐ 2015
- ☐ 2016

Batting Te..

- ☒ Chennai..
- ☒ Deccan ..
- ☒ Delhi D..
- ☒ Gujarat..

Purple Cap Contenders

(Across All/ Season)



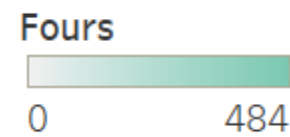
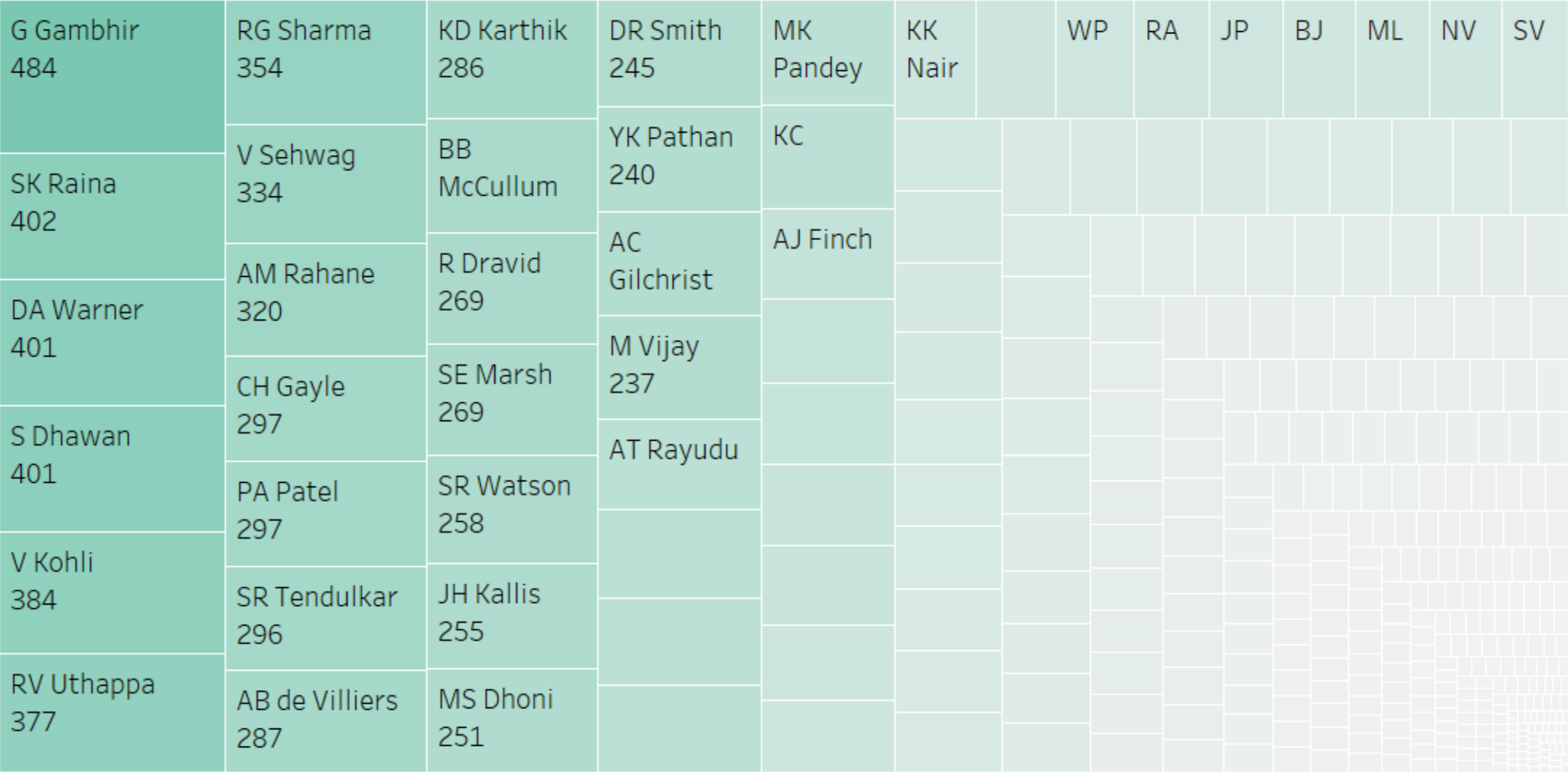
Season

All

Limit
Top 10 by
COUNT([
Player
Dismissed])

Batmans Who Hits Most 4's

(Across Seasons/ All)

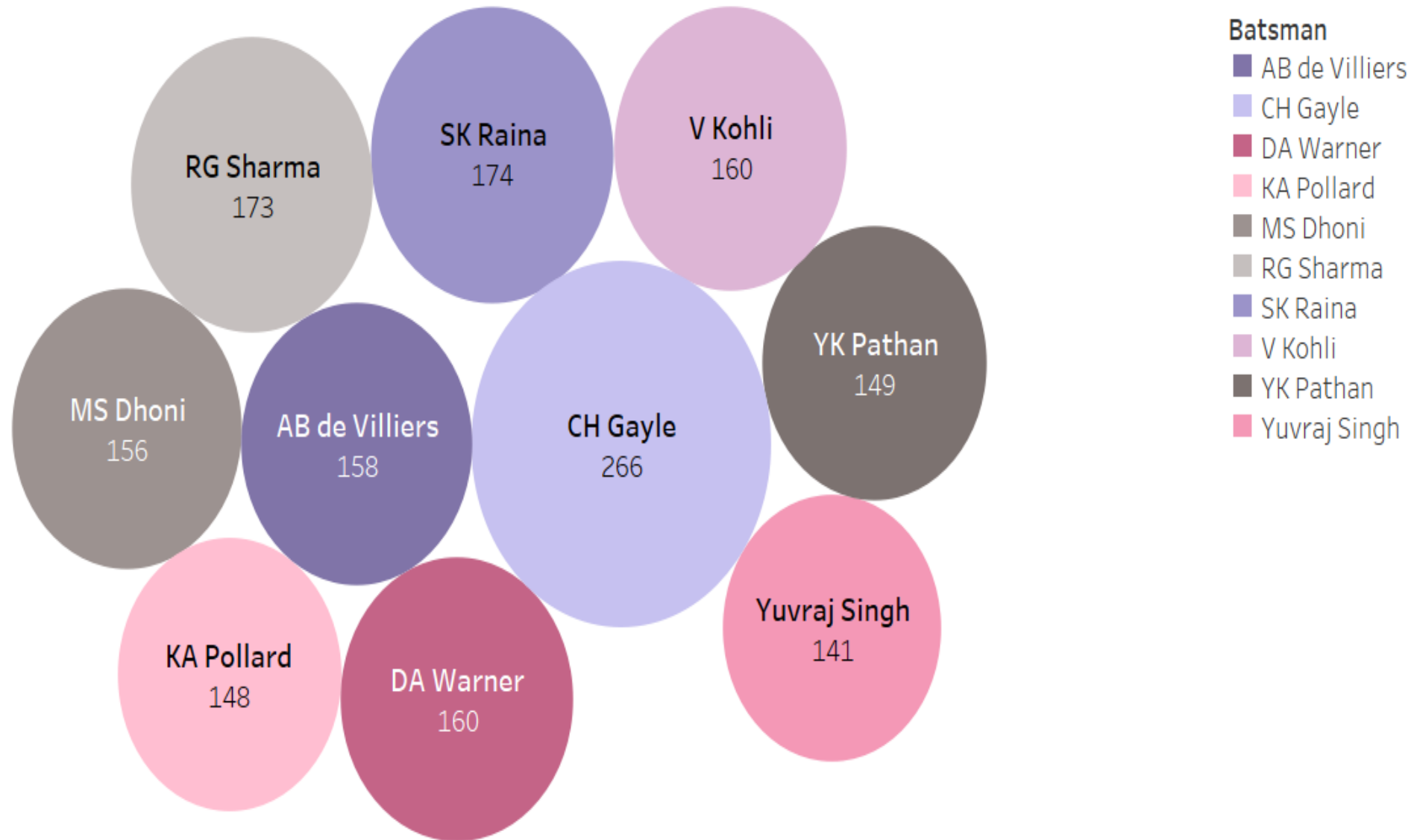


Insights:
For the Batmans who hits Most 4 for this dataset, it was dominated by G Gambhir with 484, SK Raina with 402 and DA Warner with 401.

Batsman and Fours. Color shows Fours. Size shows Fours. The marks are labeled by Batsman and Fours. The data is filtered on Batting Team, Bowling Team and Season. The Batting Team filter keeps 13 of 13 members. The Bowling Team filter keeps 13 of 13 members. The Season filter keeps 10 of 10 members. The view is filtered on Batsman, which keeps 461 of 461 members.

Batmans Who Hits Most 6's

(Across Seasons/ All)



Insights:

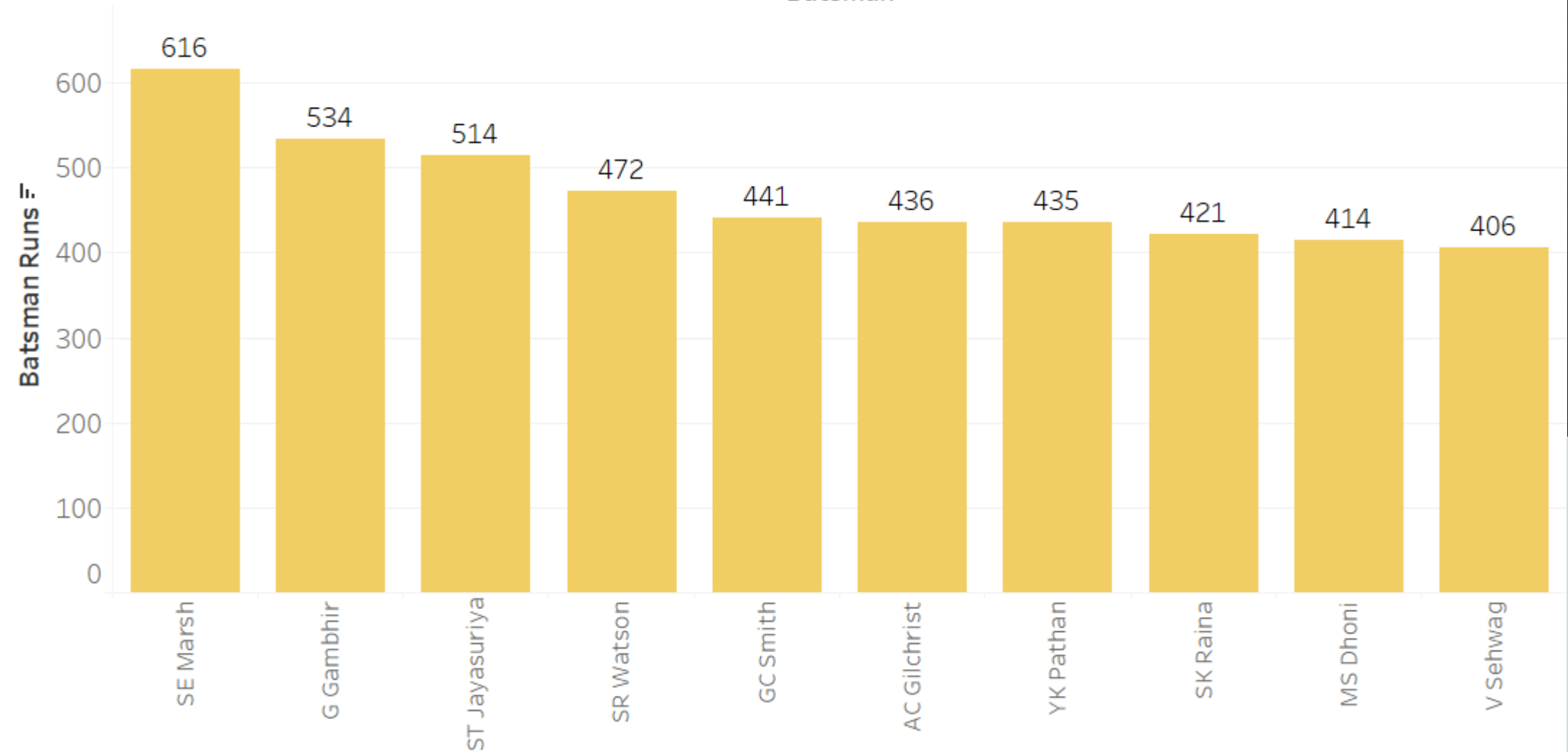
Here from the chart are the Top 10 Batmans who scored Most 6 across Season. CH Gayle dominated with 266 runs, SK Raina with 174 and very closely followed by RG Sharma with 173.

Batsman and Sixs. Color shows details about Batsman. Size shows Sixs. The marks are labeled by Batsman and Sixs. The data is filtered on Season, which keeps 10 of 10 members. The view is filtered on Batsman, which keeps 10 of 461 members.

Orange Cap Contenders

(Across All/Season)

Batsman



Insights:

That chart is filtered for the Year 2008 where we can see that SE Marsh won the Orange Cap Contenders with 616 runs. We can filter further according to Season to see the Orange Cap Contenders for the rest of the Seasons as well.

Sum of Batsman Runs for each Batsman. The marks are labeled by sum of Batsman Runs. The data is filtered on Batting Team, Season and Top 10. The Batting Team filter keeps 13 of 13 members. The Season filter keeps 2008. The Top 10 filter keeps True. The view is filtered on Batsman, which keeps 461 of 461 members.

Purple Cap Contenders

(Across All/Season)

Bowler

SL Malinga 154

A Mishra 134

Harbhajan Singh 127

PP Chawla 126

DJ Bravo 122

B Kumar 111

A Nehra 106

R Vinay Kumar 103

Z Khan 102

R Ashwin 100

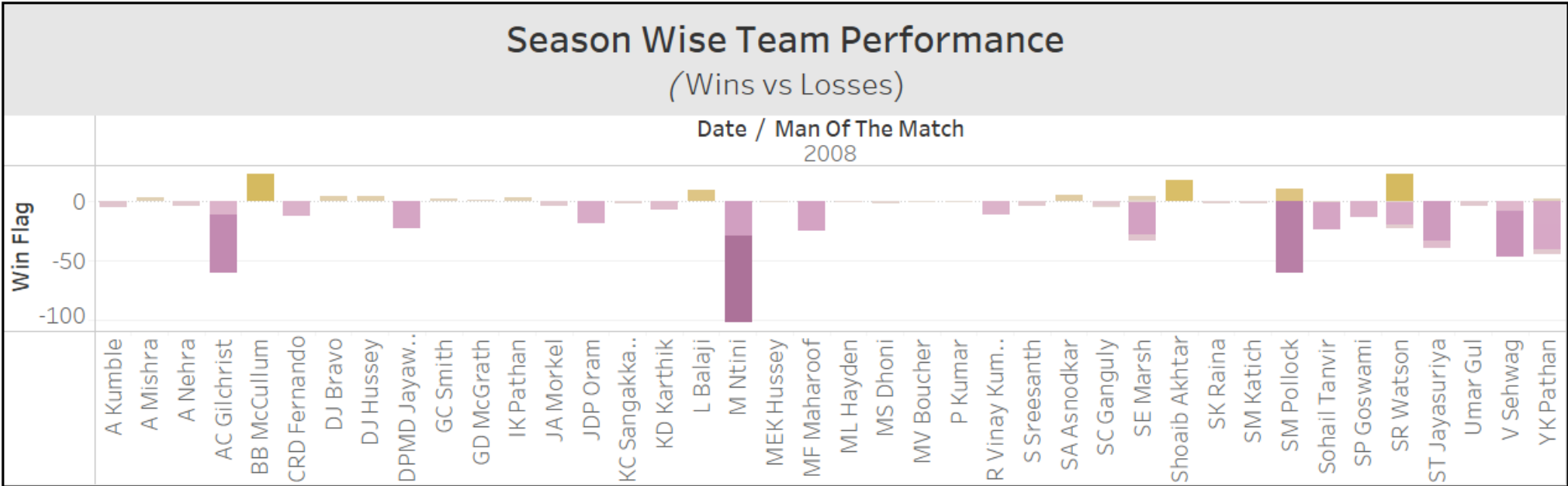
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

Count of Player Dismissed

Count of Player Dismissed for each Bowler. The marks are labeled by count of Player Dismissed. The data is filtered on Season, Top 10 and Dismissal Kind. The Season filter keeps 10 of 10 members. The Top 10 filter keeps True. The Dismissal Kind filter keeps 7 of 5 members. The view is filtered on Bowler, which keeps 356 of 356 members.

Insights:

Purple Cap Contenders are awarded for the Bowlers who scored the most Wicket during the Season. Across seasons, SL Malinga is the top with 154 wickets, A Mishra with 143 and Harbhajan Singh with 127.



Year of Date

☒ 2008
☐ 2009
☐ 2010
☐ 2011
☐ 2012
☐ 2013
☐ 2014
☐ 2015
☐ 2016
☐ 2017

Limit

Top 10 by
SUM([Win Flag])

Home Team

☒ Chennai Sup..
☒ Deccan Char..
☒ Delhi Darede..
☒ Gujarat Lions
☒ Kings XI Punj..
☒ Kochi Tusker..
☒ Kolkata Knig..
☒ Mumbai Indi..
☒ None
☒ Pune Warrio..
☒ Rajasthan R..
☒ Rising Pune..
☒ Royal Challe..

Win Flag

-1 to 1

Win Flag

-73 23

Winning Percentage (%)									
(Home vs Away)									
Home v..	2008	2010	2011	2012	Date 2013	2014	2015	2016	2017
Away	45.11%	43.65%	41.41%	53.09%	28.80%	49.54%	39.03%	53.12%	44.81%
HOME	51.18%	54.33%	56.08%	44.82%	69.84%	46.69%	55.89%	43.12%	53.67%

Home vs Away

☒ Away
☒ HOME
☐ NA

Season

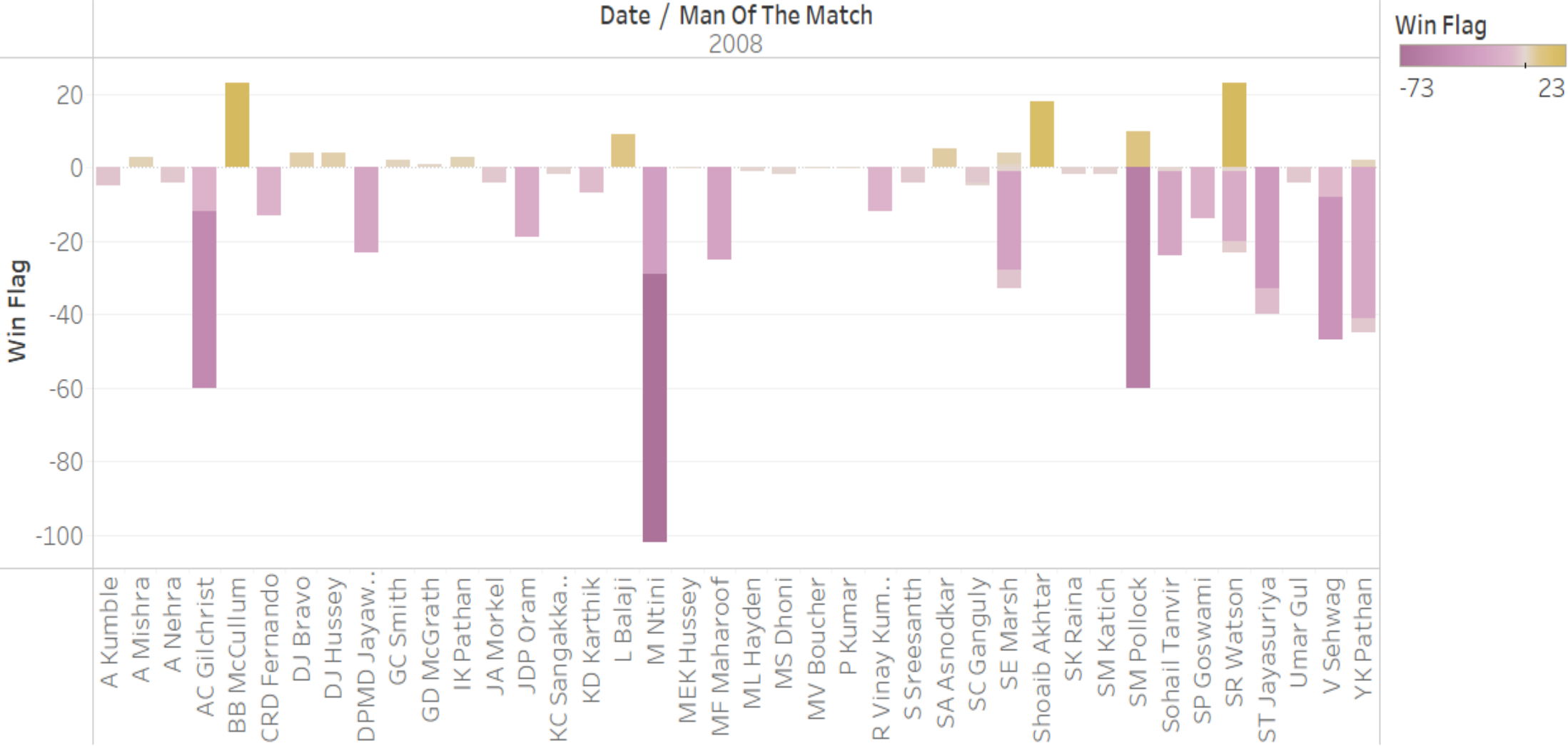
☒ 2008
☒ 2009
☒ 2010
☒ 2011
☒ 2012
☒ 2013
☒ 2014
☒ 2015
☒ 2016
☒ 2017

win %

39.03% 69.84%

Season Wise Team Performance

(Wins vs Losses)



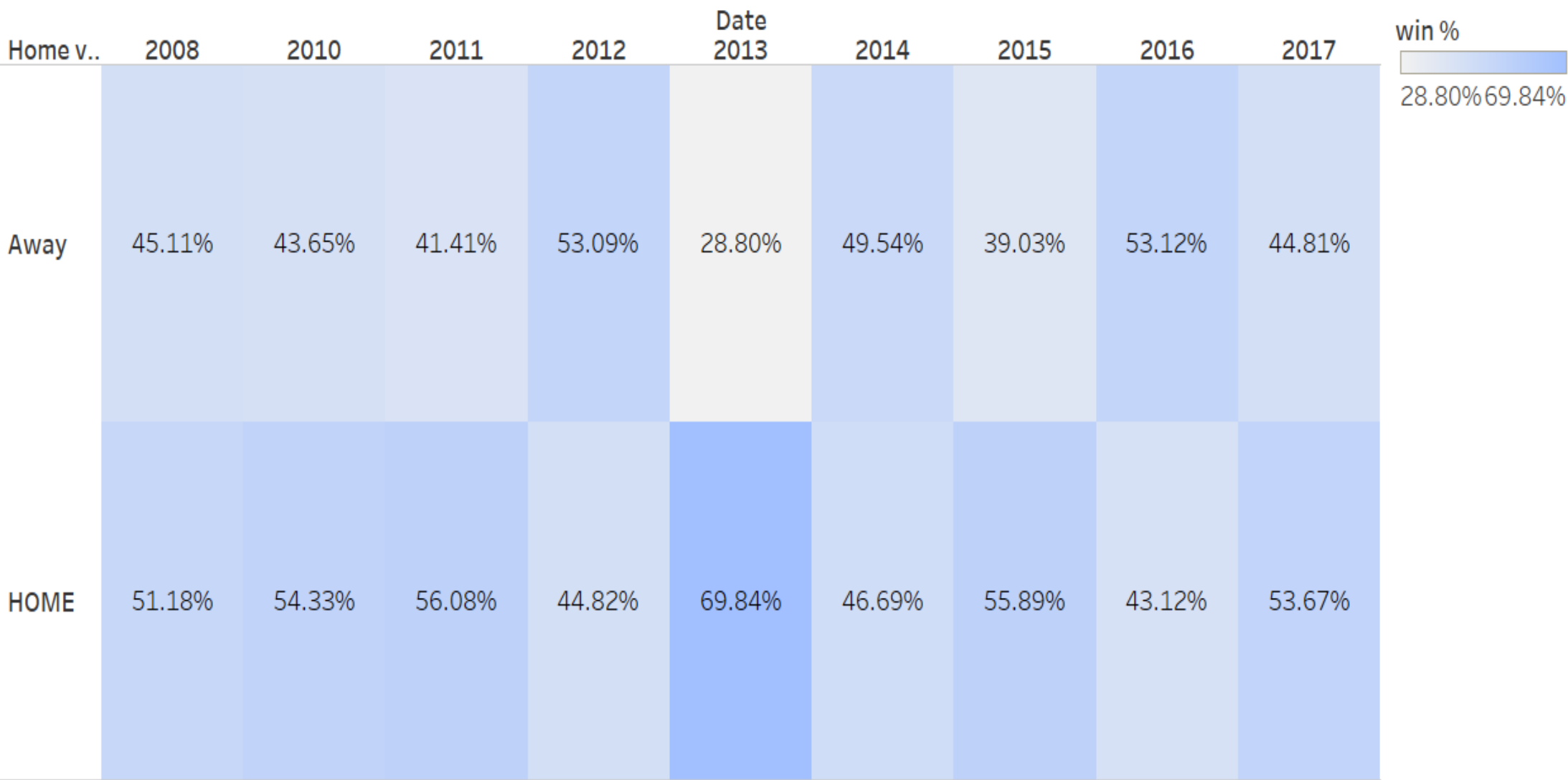
Sum of Win Flag for each Man Of The Match broken down by Date Year. Color shows sum of Win Flag. Details are shown for Match Id. The data is filtered on Win Flag and Home Team. The Win Flag filter ranges from -1 to 1. The Home Team filter keeps 14 of 14 members. The view is filtered on Date Year and Man Of The Match. The Date Year filter keeps 2008. The Man Of The Match filter has multiple members selected.

Insights:

For Season-wise Team Performance, we can see that there are varies pattern of winning or losing the match and it is inconsistent across the Teams and Years as well.

Winning Percentage (%)

(Home vs Away)



Win % broken down by Date Year vs. Home vs Away. Color shows win %. The marks are labeled by win %. The data is filtered on Winner and Season. The Winner filter keeps 14 of 14 members. The Season filter keeps 10 of 10 members. The view is filtered on Home vs Away, which keeps Away and HOME.

Insights:

The winning percentage(%) home vs away is to determine whether Home or Away plays a contributing factors in winning the match for the Team.

We can conclude, there are a little chances that the match played at Home or Away drive the winning for the team.

Thank You.



Analysis

Analysis Completed using Tableau as the visualization tool and saved as Tableau Workbook Packages for this analysis.



Created 3 Dashboards

Completed 3 Dashboards which includes Match Statistics dashboards, Player Statistics Dashboards and Team Statistics



PDF Files

Created PDF Files which concludes the Analysis for the IPL Datasets dated from 2008 - 2017.