



ASSIGNMENT

ANALYSIS ON IPL DATASET

Submitted by- Yogeswara Panda

Course- Professional Certificate Program in Data Science for Business Decision Making -
September 2021

MATCH WISE STATISTICS

Default

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Device Preview

Size

min 1300x560 - max 2000x860

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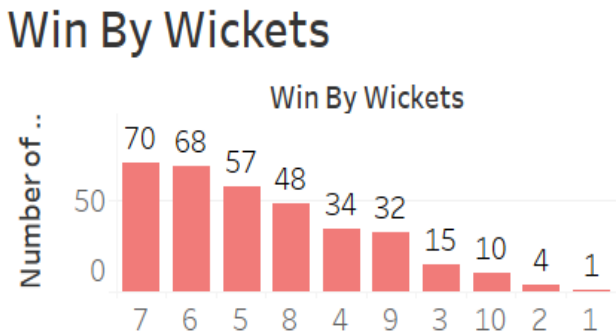
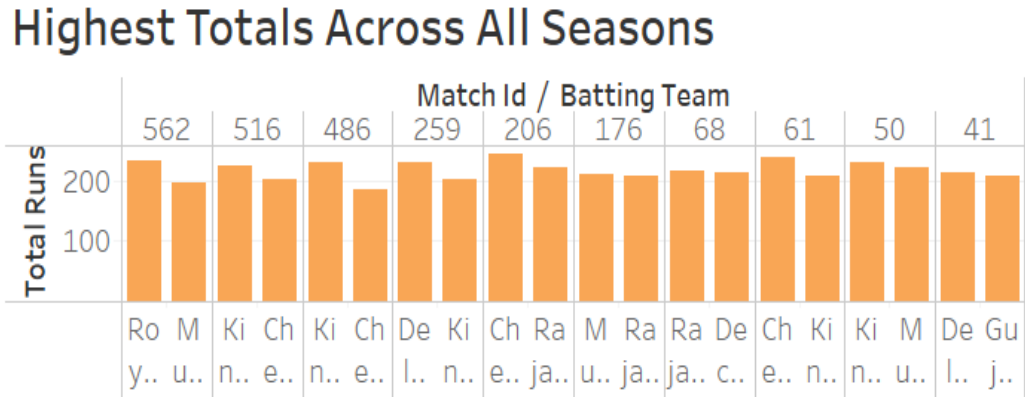
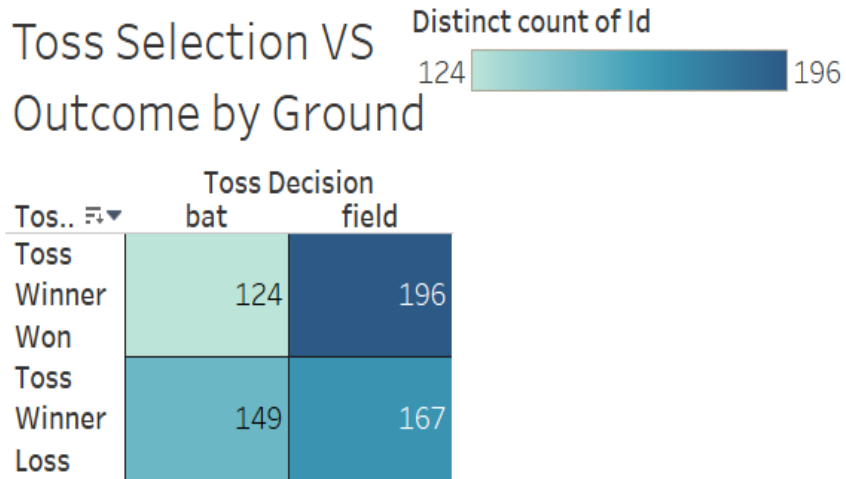
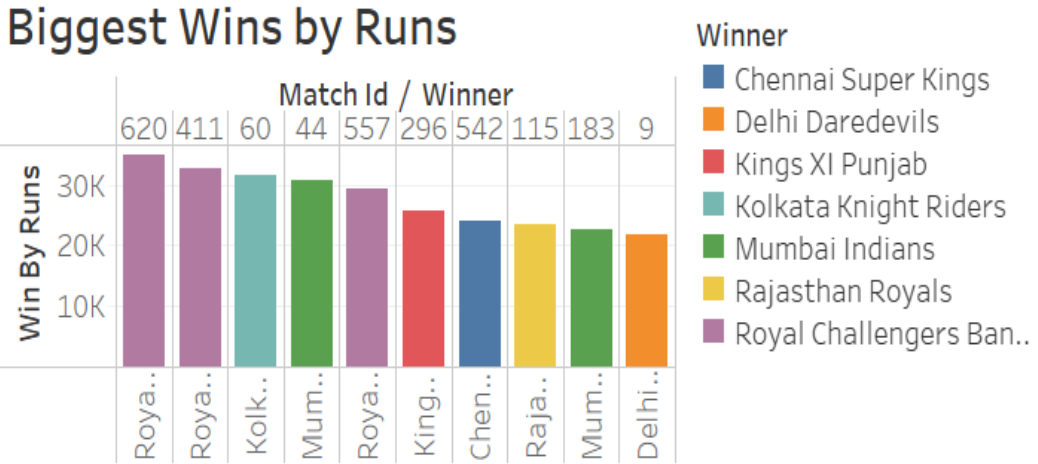
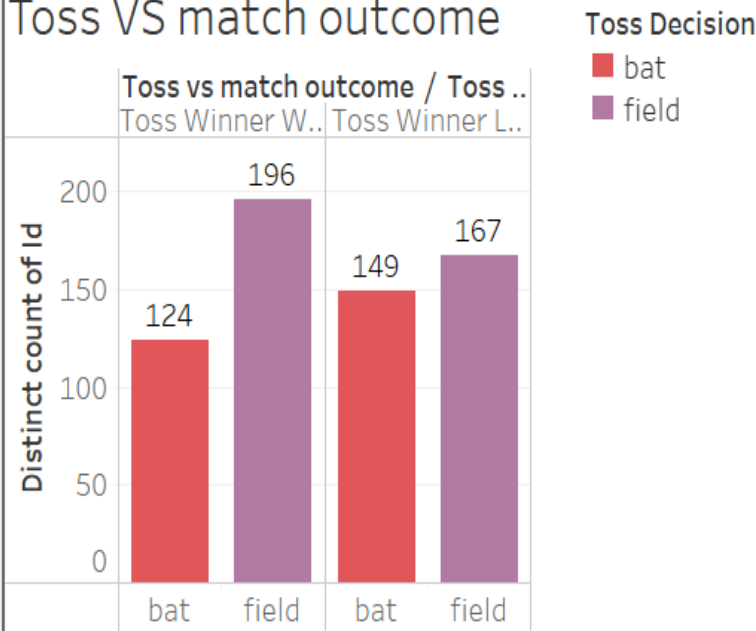
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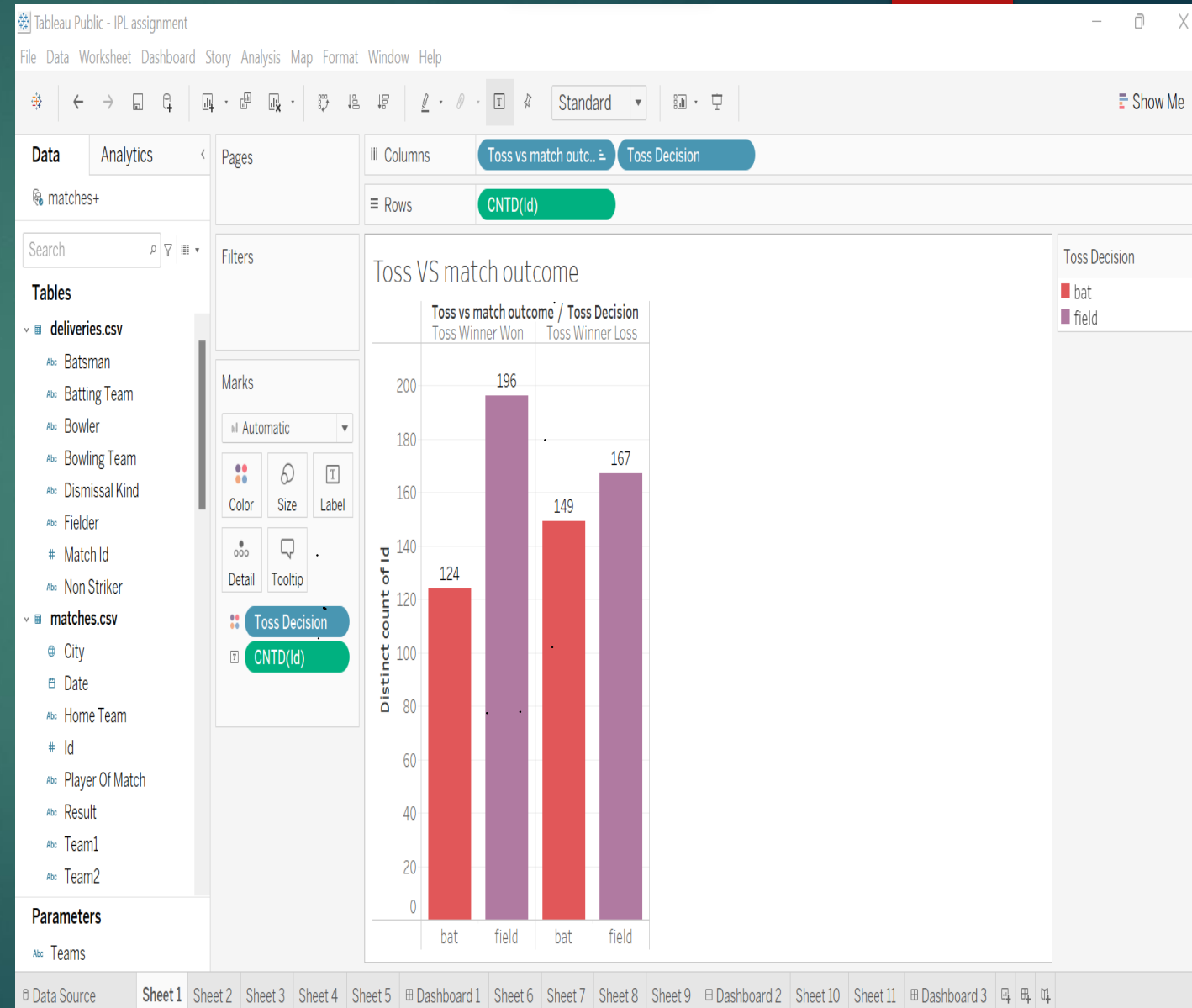
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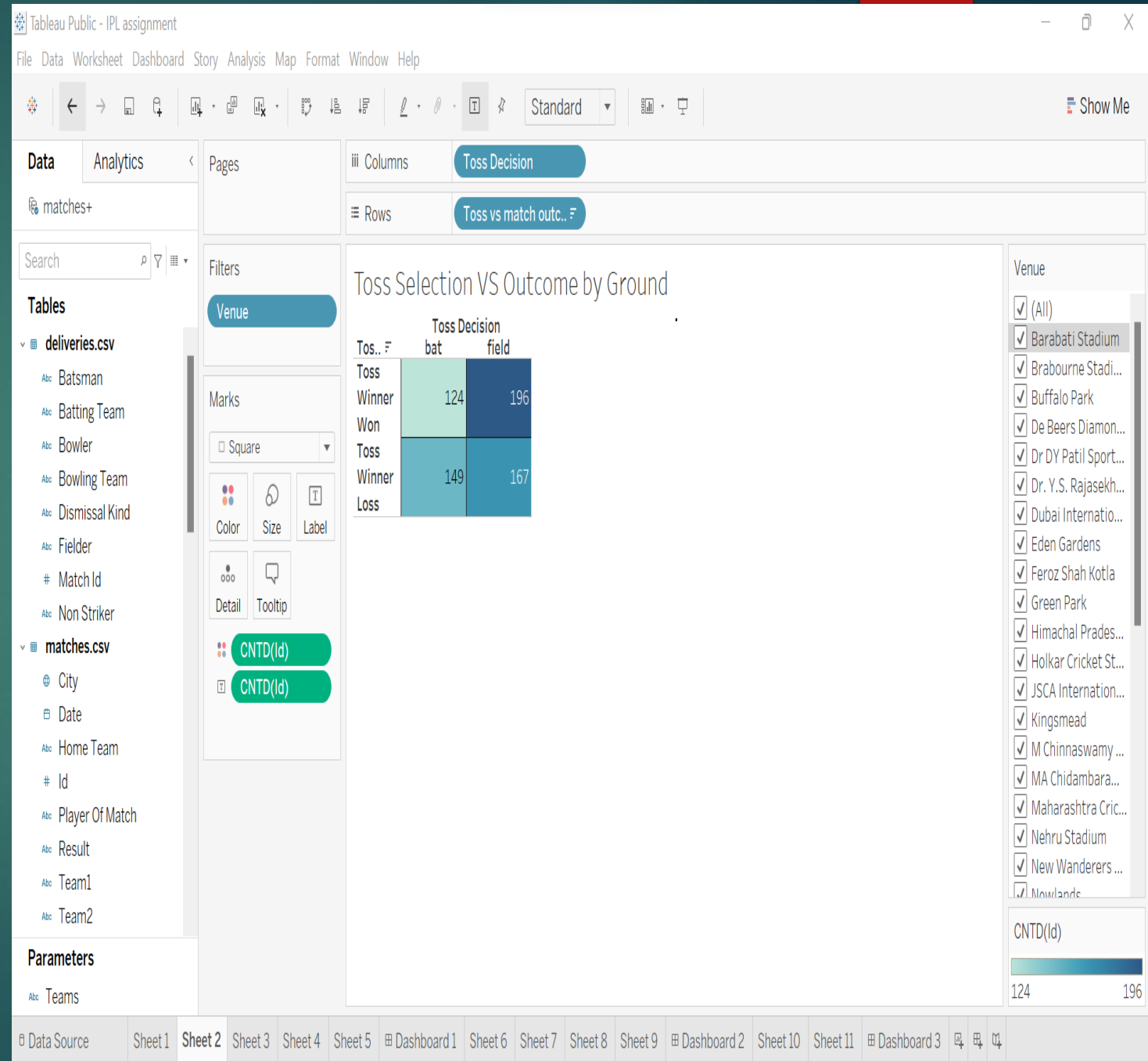
Toss VS Match Outcome

- The team that has won the toss has won more times when selected to bowl first.
- The team that has won the toss has lost more matches when selected to bowl first.



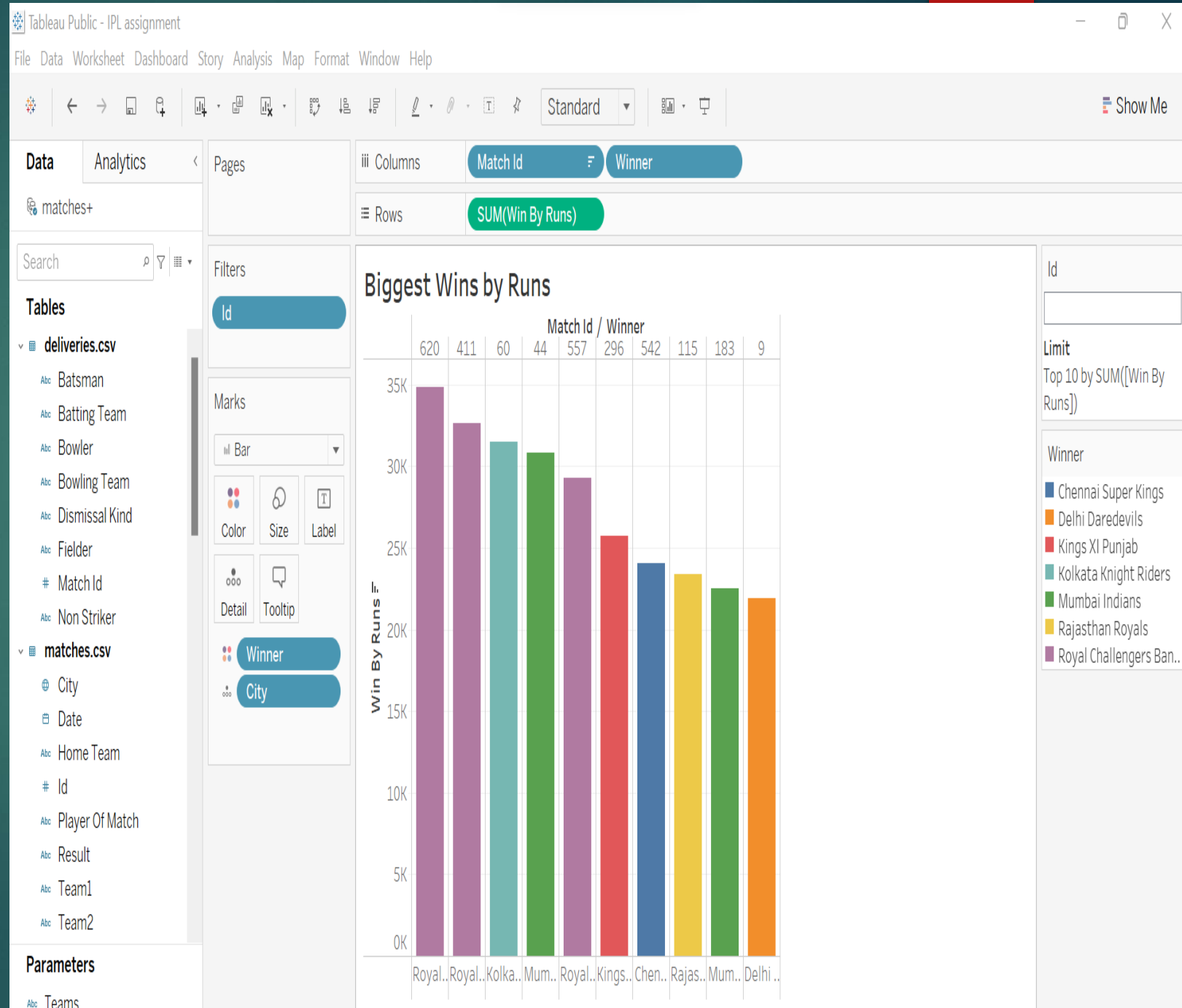
Toss Selection VS Outcome by Ground

- M. Chinnaswamy Stadium has hosted maximum number of matches in IPL i.e. 60+ matches
- IPL has used 35 different venues all across globe.



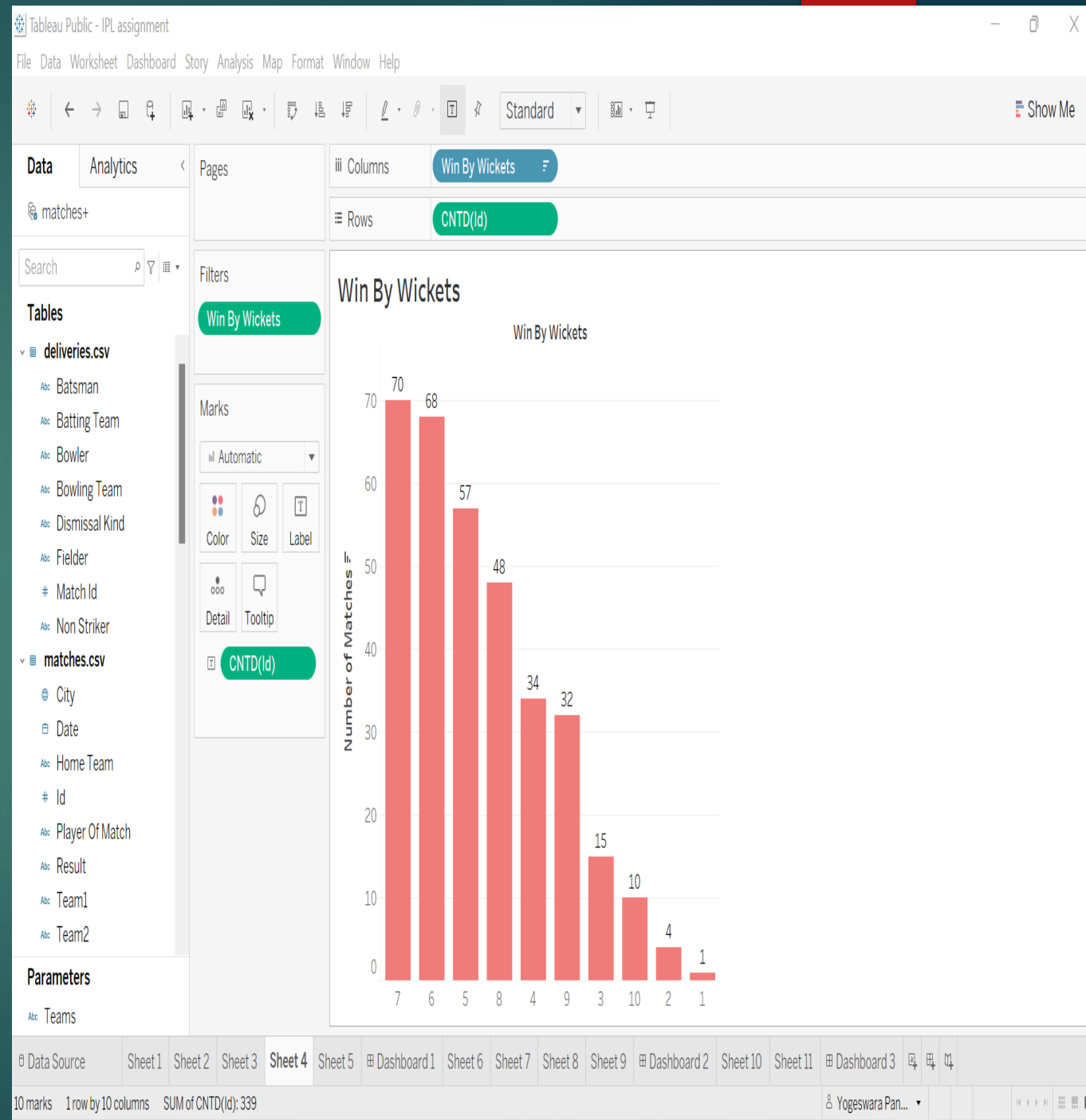
Biggest Wins by Runs

- Royal challengers Bangalore has won by biggest margin of runs across all seasons.



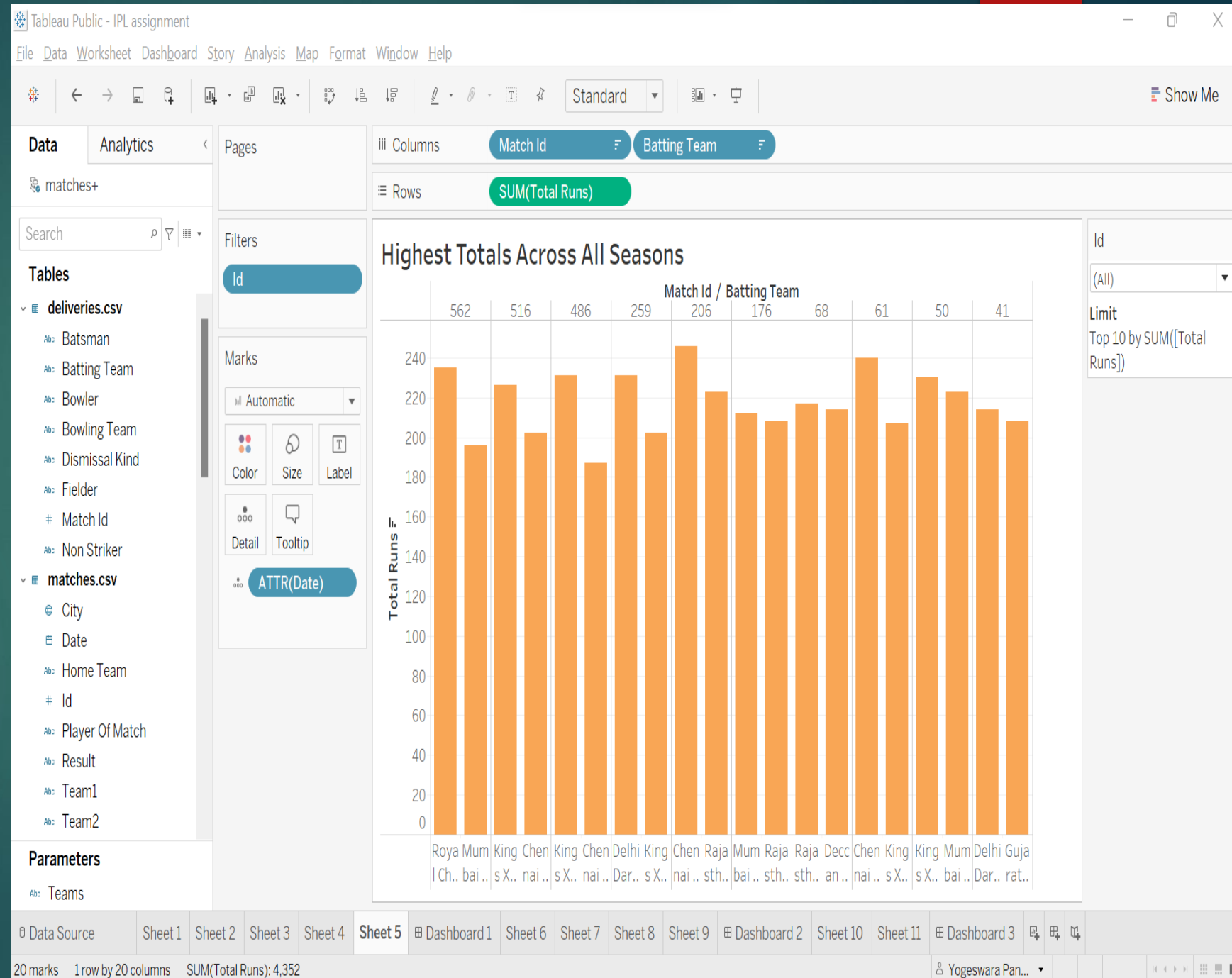
Win By Wickets

- Maximum number of matches are won by team with 7 wickets remaining.
- Only one match is won by a team with one wicket remaining



Highest Totals Across All Seasons

- Royal challengers Bangalore has scored highest totals more time than any other team followed by Chennai super kings.



PLAYER ANALYSIS

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Player Wise Analysis

Orange Cap Contenders Each Season

Year of Date

☐ 2008

☐ 2009

☐ 2010

☒ 2011

☒ 2012

Chris Gayle has won 3 Orange caps followed by DA Warner with 2 Orange caps.

CH Gayle	SK Raina	RG	RV
G Gambhir	V Kohli	AB de	DA
S Dhawan	MS Dhoni		

Most Four Each Season

Batsman

Year of Date

☒ (All)

☒ 2008

☒ 2009

Four count

G Gambhir

SK Raina

S Dhawan

DA Warn..

V Kohli

RV Uthap..

RG Shar..

V Sehwag

AM Raha..

CH Gayle

Most Six Each Season

Batsman

Year of Date

☒ (All)

☒ 2008

☒ 2009

Sixes Hit

CH Ga..

SK R..

RG Sh..

V K ohli

DA W..

AB d..

MS Dh..

YK Pa..

KA Po..

Yuv ra..

Chris Gayle has hit more sixes in 4 seasons - 2011, 2012, 2013, 2014

Purple cap Contenders Each season

Year of Date

☒ 2015

☒ 2016

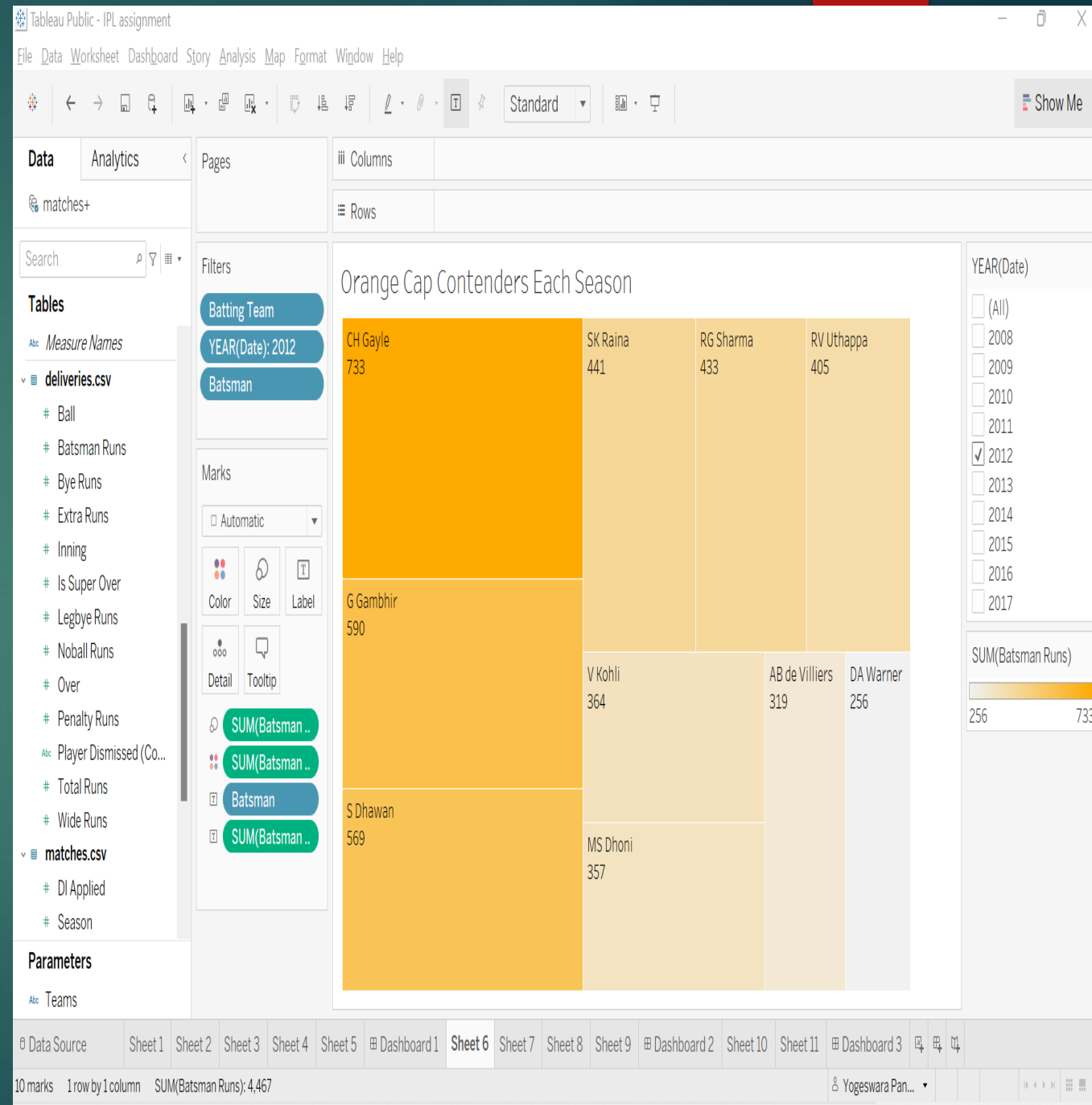
☒ 2017

SL Malinga is leading wicket taker till date

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

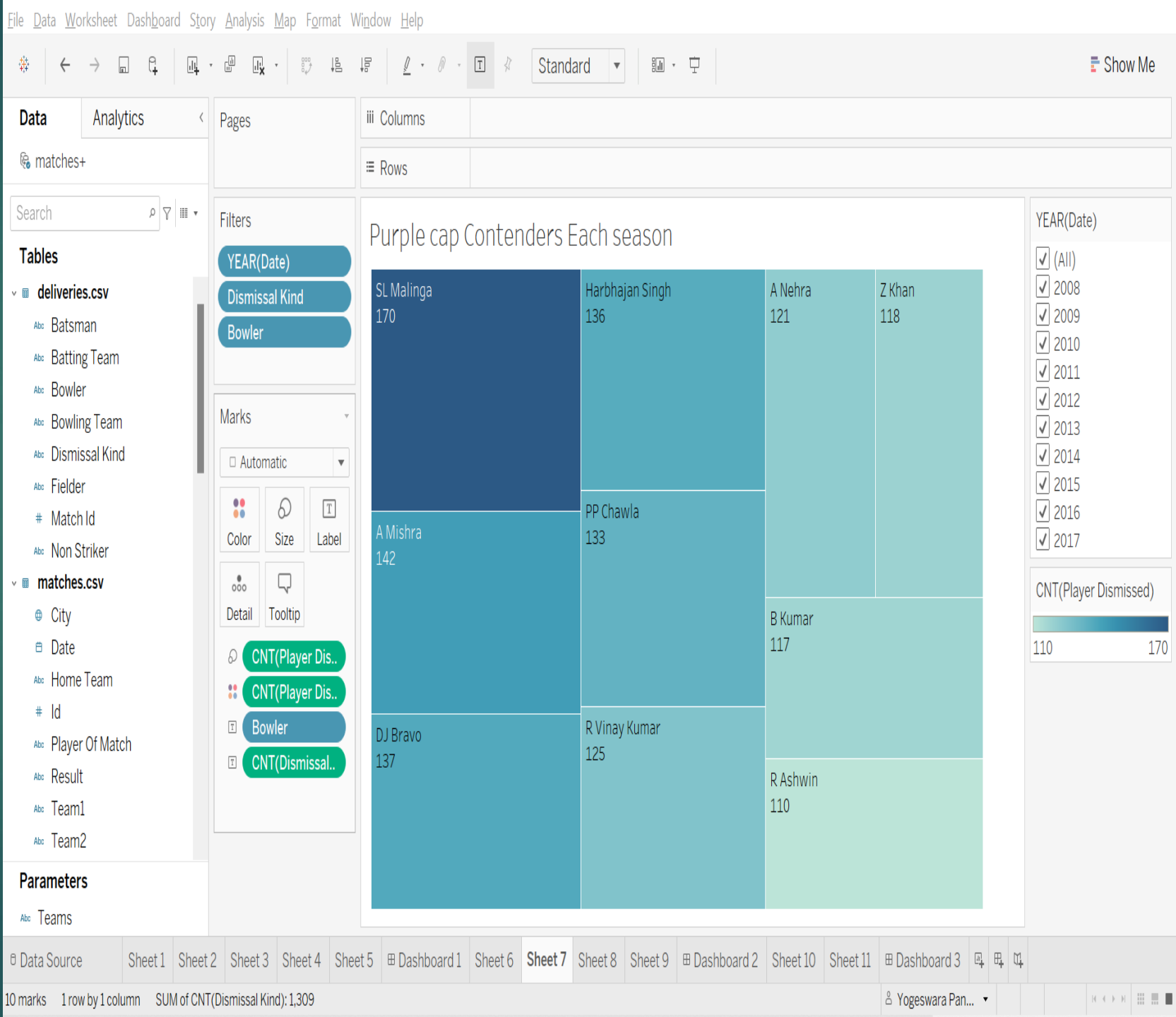
Orange Cap Contenders Each Season

- Chris Gayle has won maximum number of orange caps across all seasons that's is 3 times, followed by DH Warner that is 2 times
- Virat Kohli has scored maximum number of runs in one season that is 973.



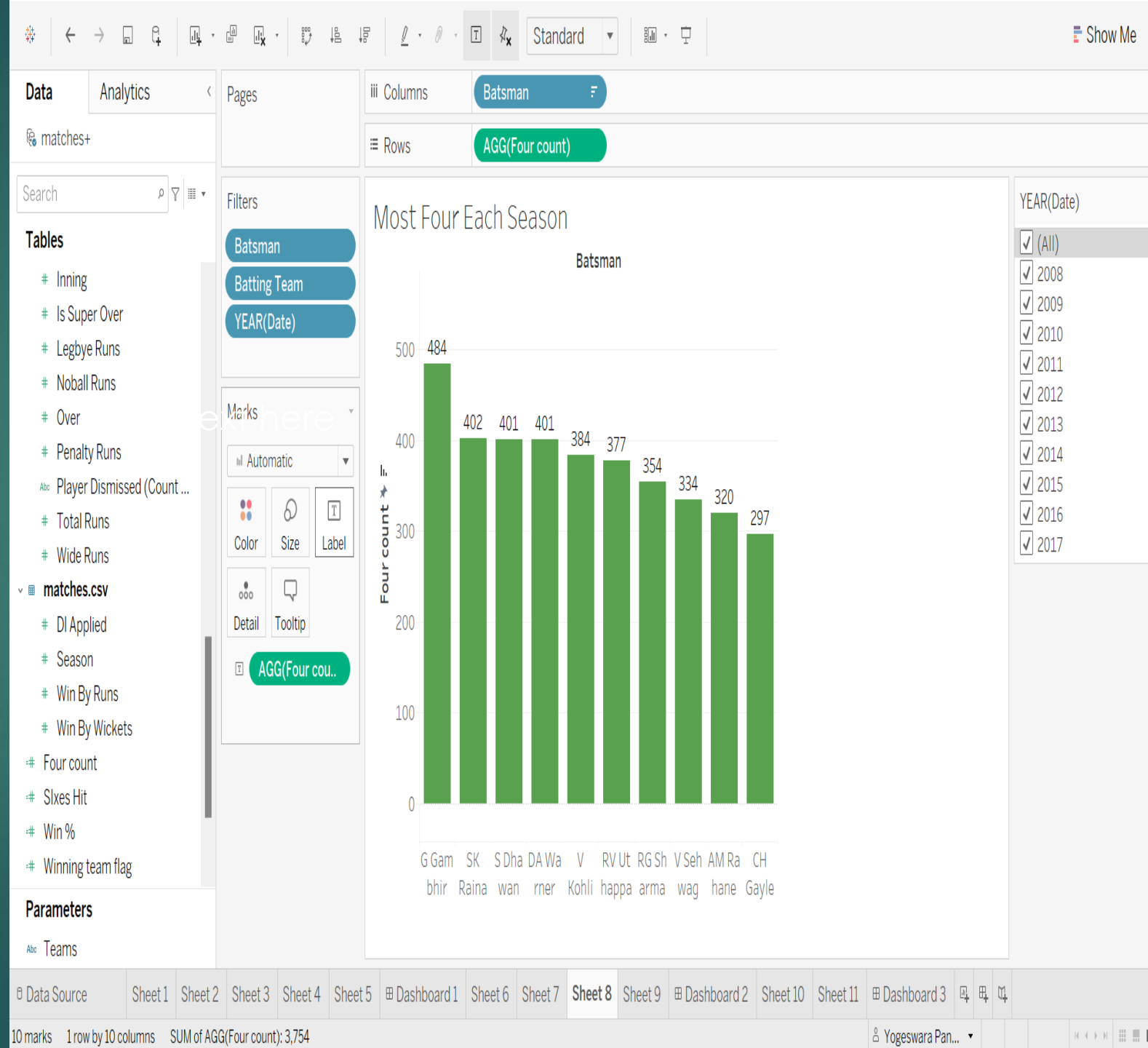
Purple Cap Contender Each Season

- SL Malinga is the leading wicket taker in IPL.
- B Kumar has won maximum number of Purple cap that is three times, followed by SL Malinga and DJ Bravo both two times.



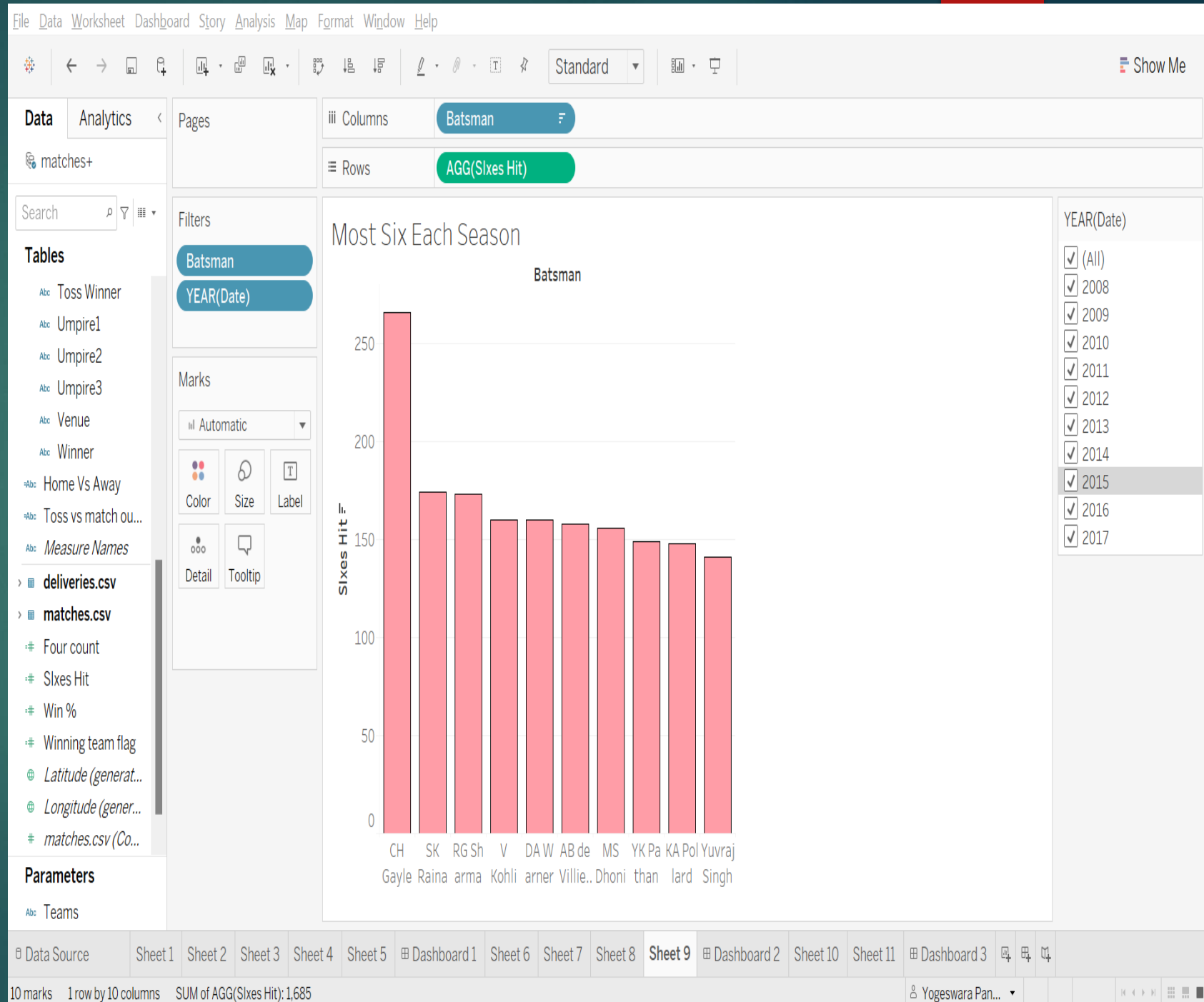
Most Fours Each Season

- DA Warner has scored maximum number of fours for three consecutive seasons- 2015, 2016, 2017
- Maximum number of fours are scored by G Gambhir that is 484 across all seasons.



Most Sixes By Batsmen –Season Wise

- CH Gayle has hit maximum number of sixes 4 times in seasons - 2011, 2012, 2013, 2014
- CH Gayle has maximum numbers of sixes hit across all seasons.



TEAM WISE ANALYSIS

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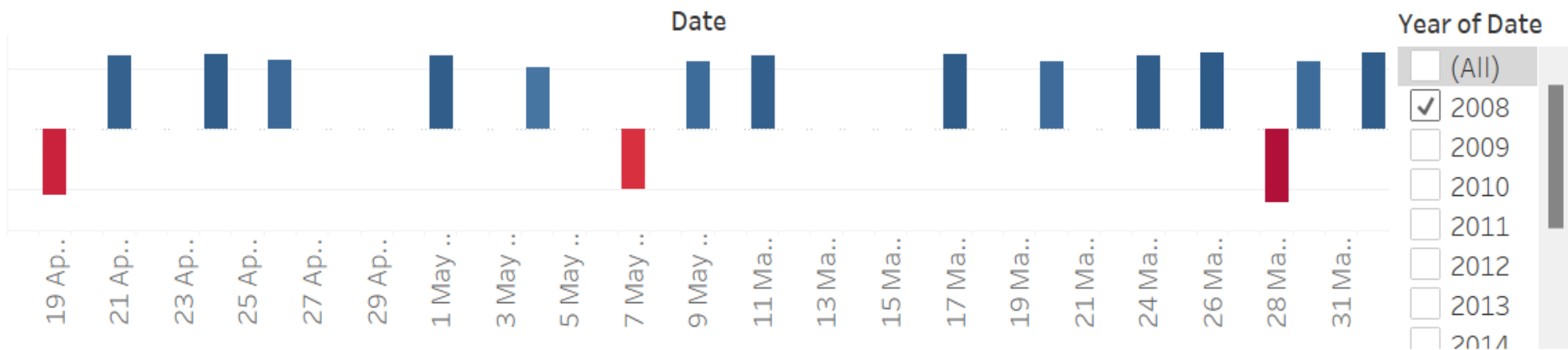
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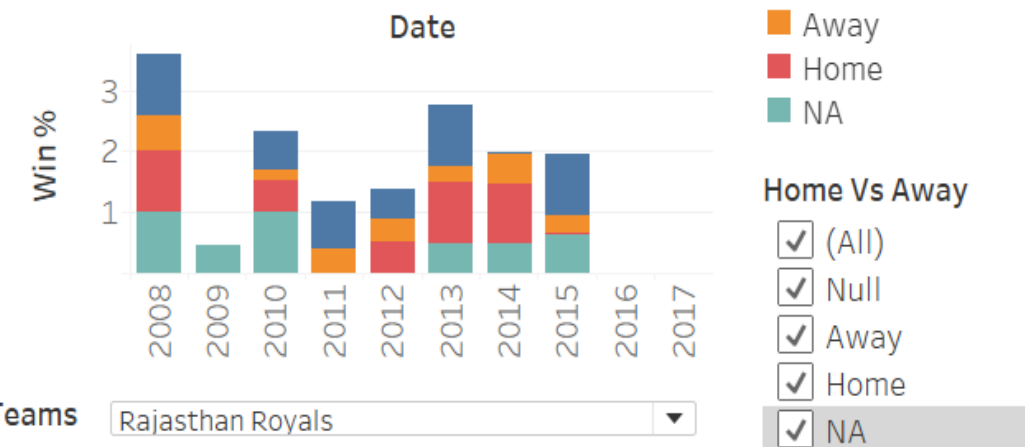
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Team Wise Analysis

Season Wise Performance of teams

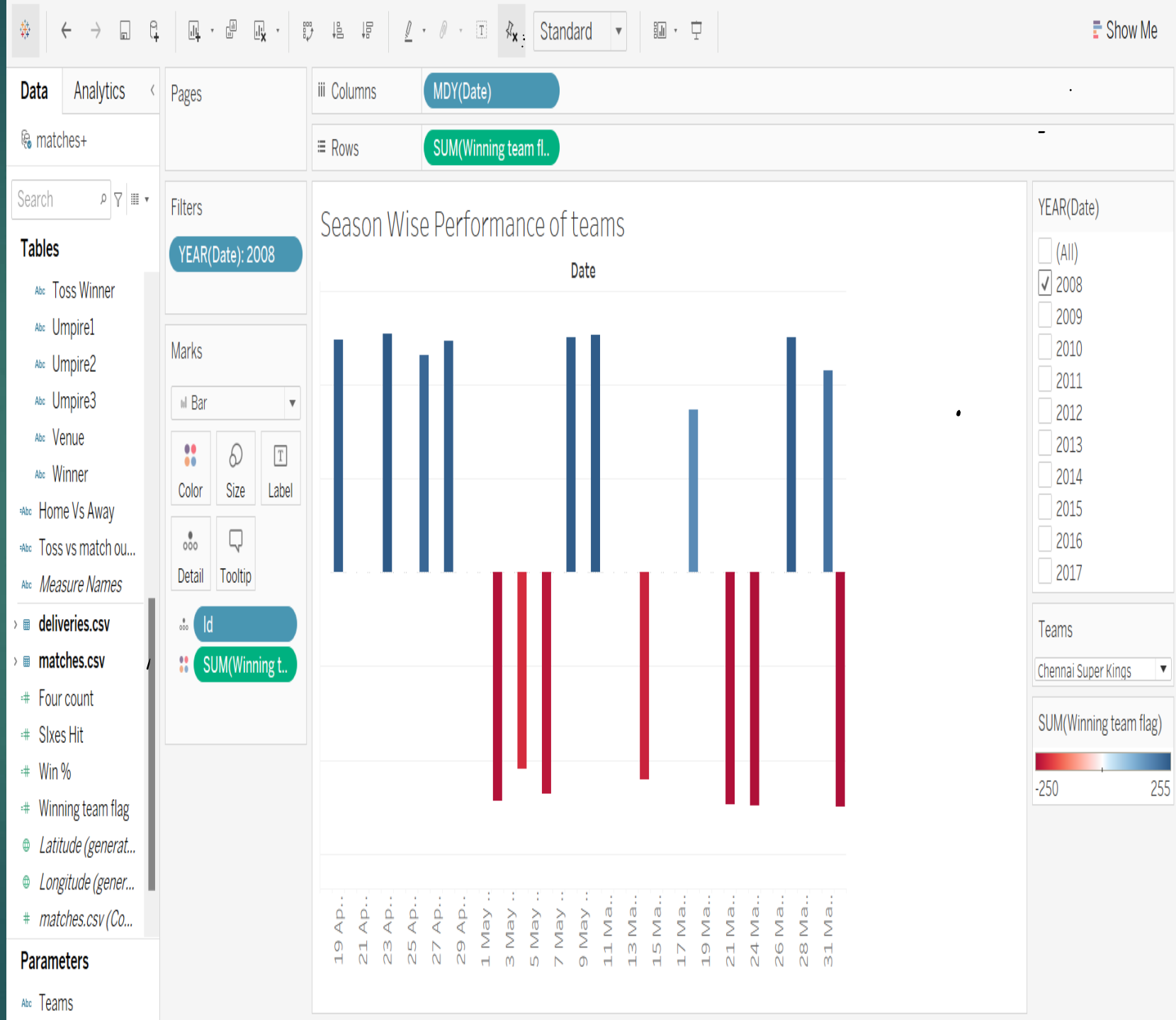


Win Percentage at Home



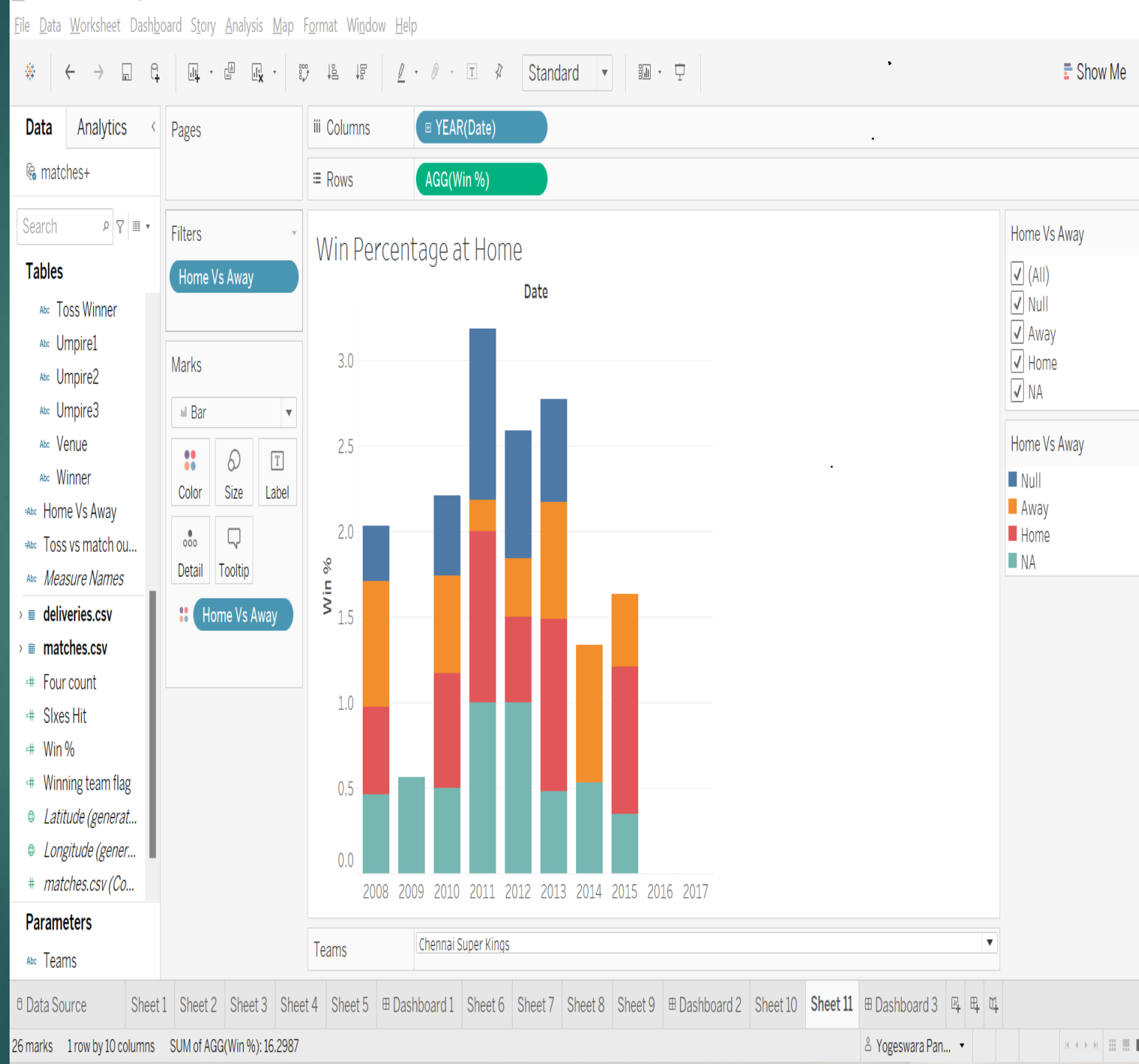
Most successfull Team in IPL is CSK with highest winning percentage

Season Wise Team Performance



Win Percentage at Home

- Chennai Super Kings have highest win percentage when compared with other teams despite not playing two seasons.



END