IPL PROJECT

About IPL

- ᵢPL is a Indian Premier League, which was founded in 2008 and is held every year. It includes participation of indian and international players, and eight teams representing eight Indian cities compete with each other, Over the years IPL has become one of the most–watched and most attended live sporting events and most attended live sporting events all over the world.

- You work as a data analyst at **IFP**, a nationally recognised news agency, which is based out of New Delhi, and provides news reports and feeds to magazines, newspapers and TV broadcasters all over the country. The Sports Editor of the agency has approached you to build a Tableau dashboard of IPL statistics over the years since its inception in order to create an infographic for a newsletter that their team is working on. For this newsletter, in some cases, they will use the visual representations as you have created in Tableau directly for their infographic, and in a few other cases, they will use important statistics after trying out the different filters and customisations that you have provided for interactivity. Therefore, you are expected to build an interactive dashboard in Tableau for this purpose

- There is two data set is given which combining the information about all matches, from where we can find interactive dashboard that highlights some of the important statistics of IPL over the years.

- Data set containing below mention file for insights

- Matches.cvs

- Deliveries.cvs

- First we do for visualization is to joint matches.cvs and Deliveries.cvs file for insights.

- Let's discussed about problem statement in next slide.

Problem Statement

Using these two datasets, you need to create visualisations pertaining to the different types of statistics mentioned in the below.

- **1. Match Statistics**
- Toss outcome vs Match outcome (for each Ground/Venue)
- Biggest wins (by runs and by wicket)
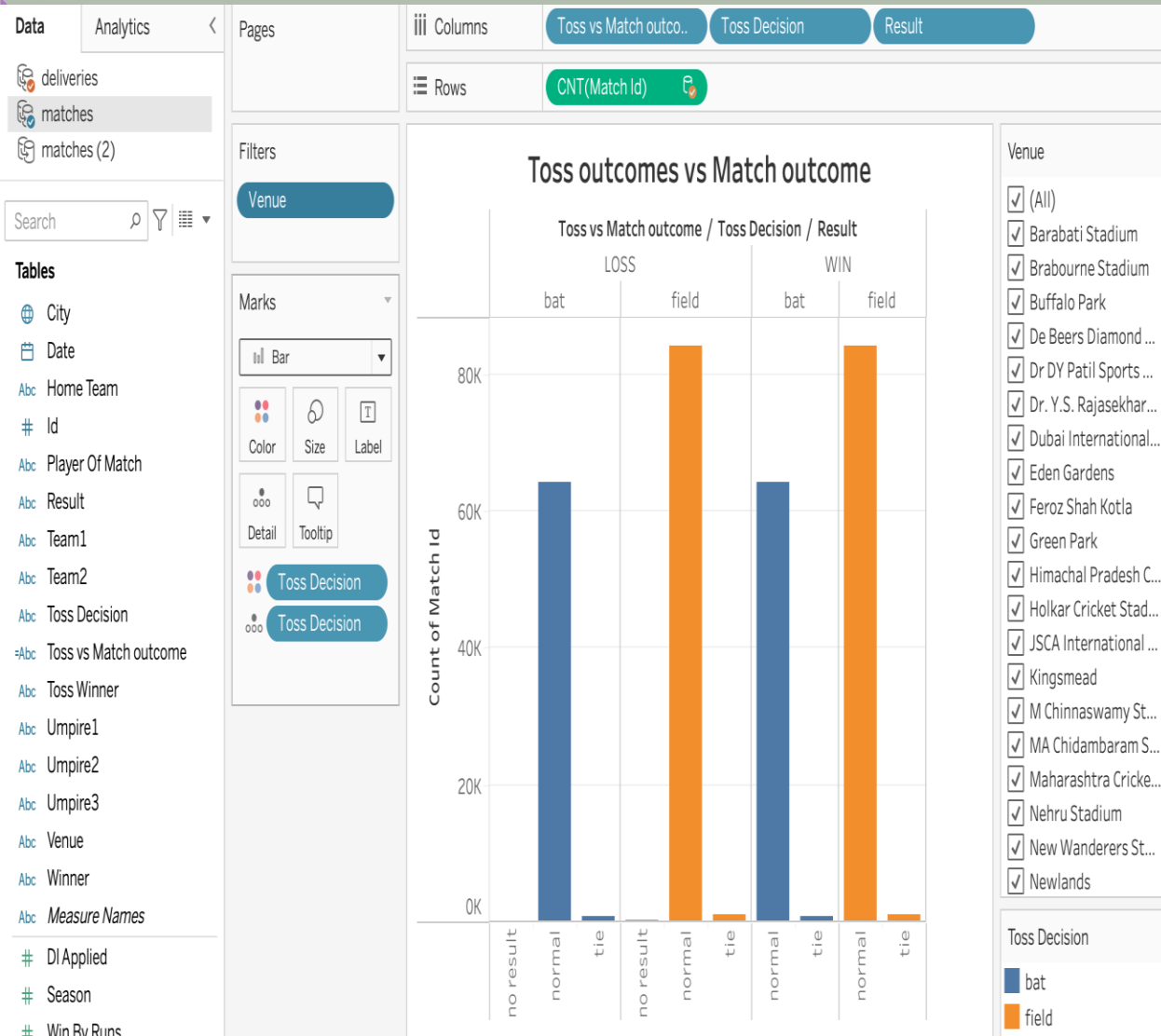- Highest totals (across all the seasons)

- **2. Player Statistics**
- Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)
- Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)
- Batsmen who have hit the most number of fours and sixes (per season and overall)
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- **3. Team Statistics**
- Season-wise team performance (wins vs losses)
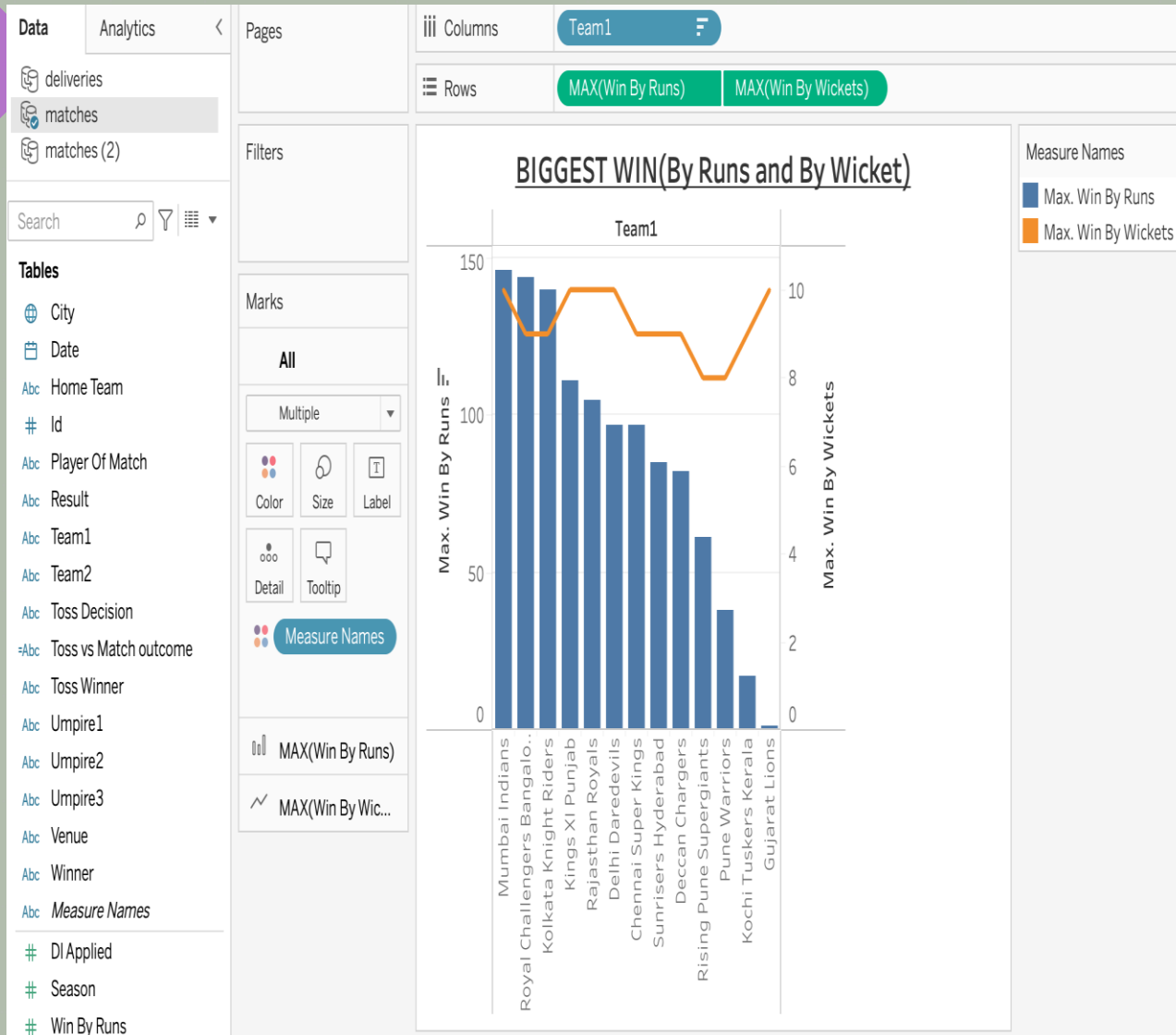- Win %age (home vs away)

MATCH STATISTICS

1)Toss outcomes vs Match outcome

Insights

- In Toss outcomes vs Match outcome ,maximum toss won by across all the season.

- Maximum win by in all the season.

- Here we create calculated field to find toss vs match winner outcomes.

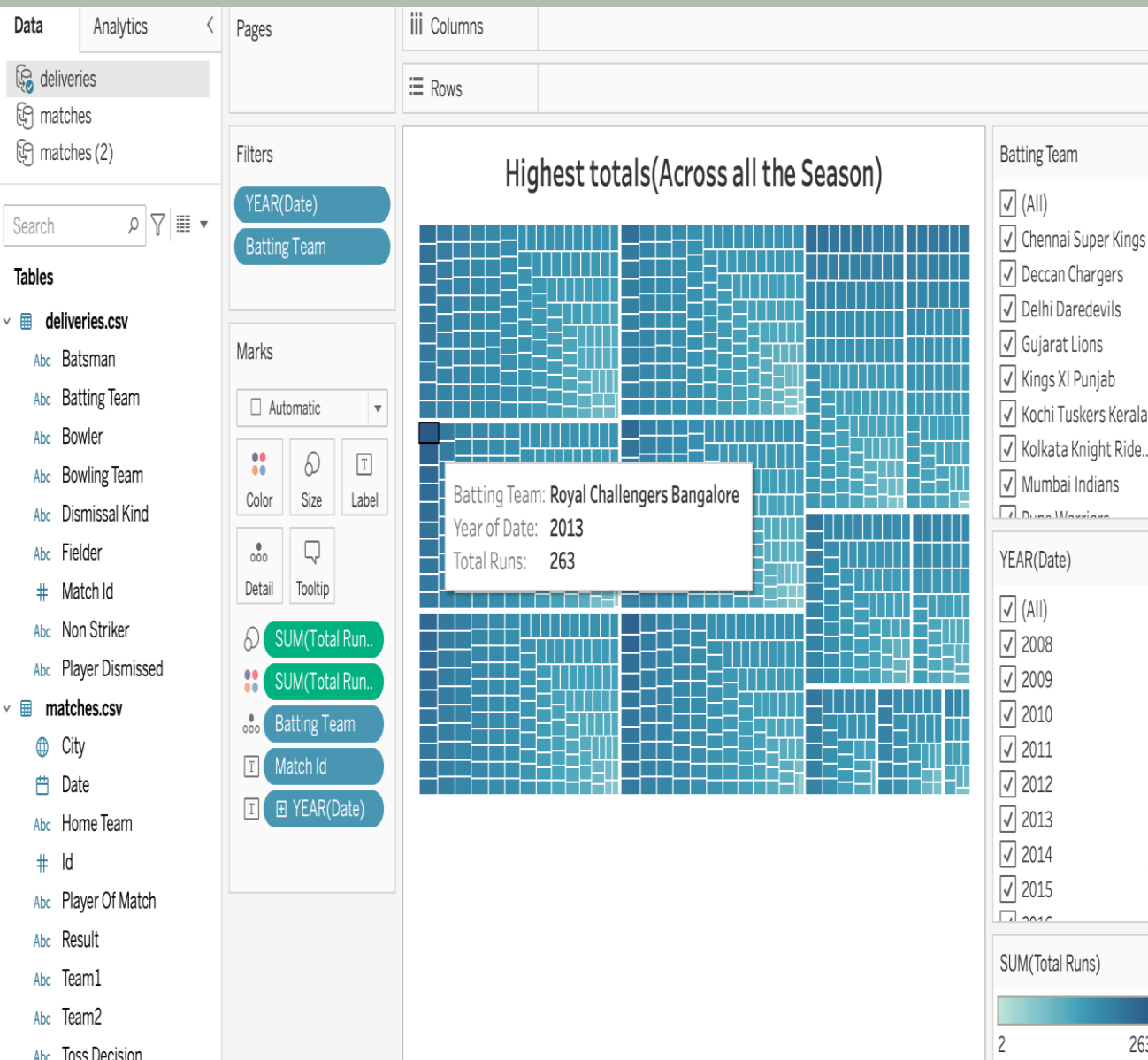- Venue is also mention in to filter.

2) BIGGEST WIN(By Runs and By Wicket)

Insights

- To find biggest win followed by Runs and Wickets, we have to create calculated field.

- Here we use Dual axis chart which combine of max wins by runs and max win by wickets.

- For easy visualization we synchronize axis for the chart.

- So MUMBAI INDIAN is the biggest winner team by RUNS as well as by Wickets.
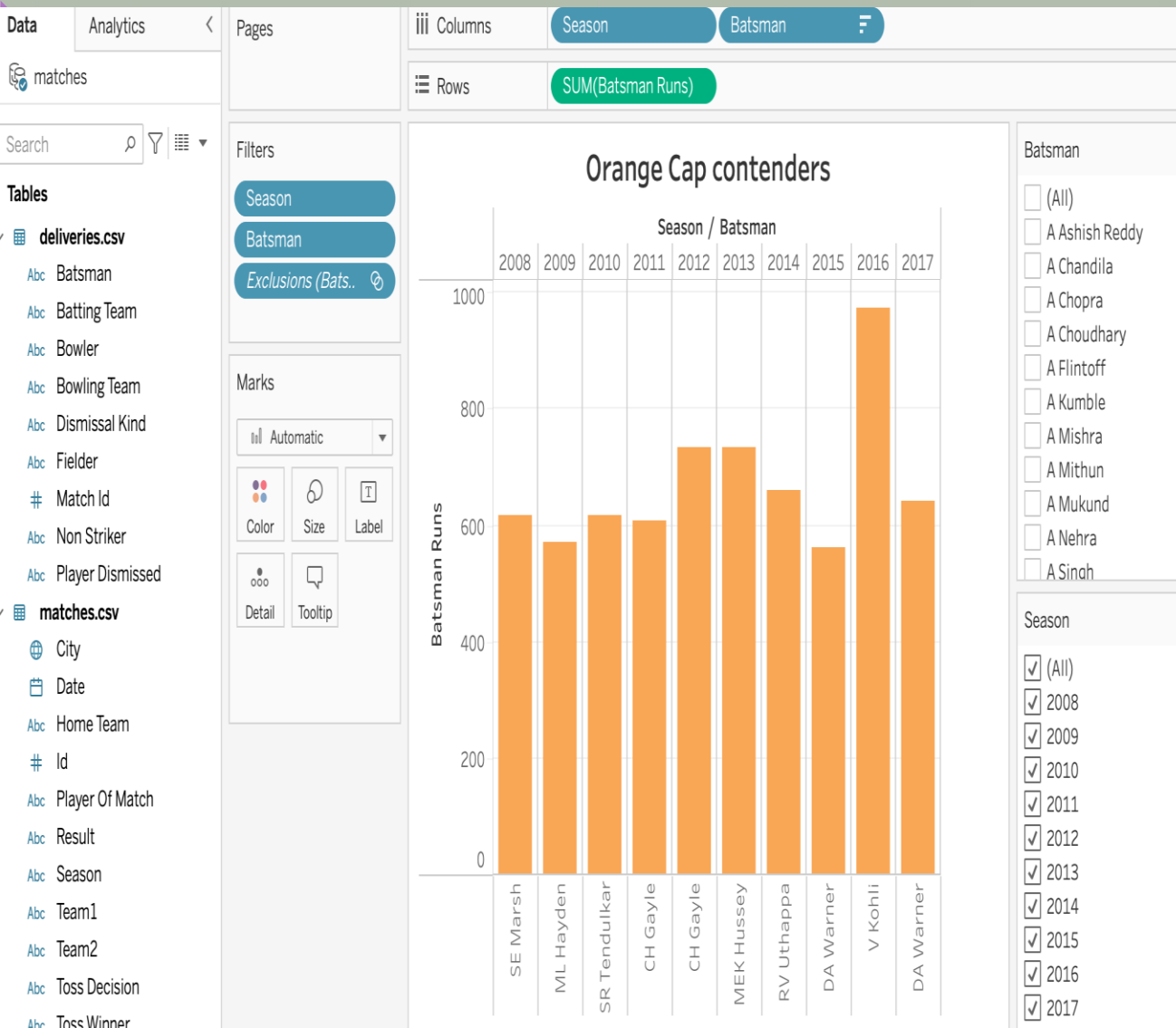
3)Highest totals(Across all the Season)

Insights

- In this chart we create highest totals across all the season.

- Put date and batting team in filter for easy visualization.

- Royal challenger Bangalore is the team who scored highest run 263 in 2013.
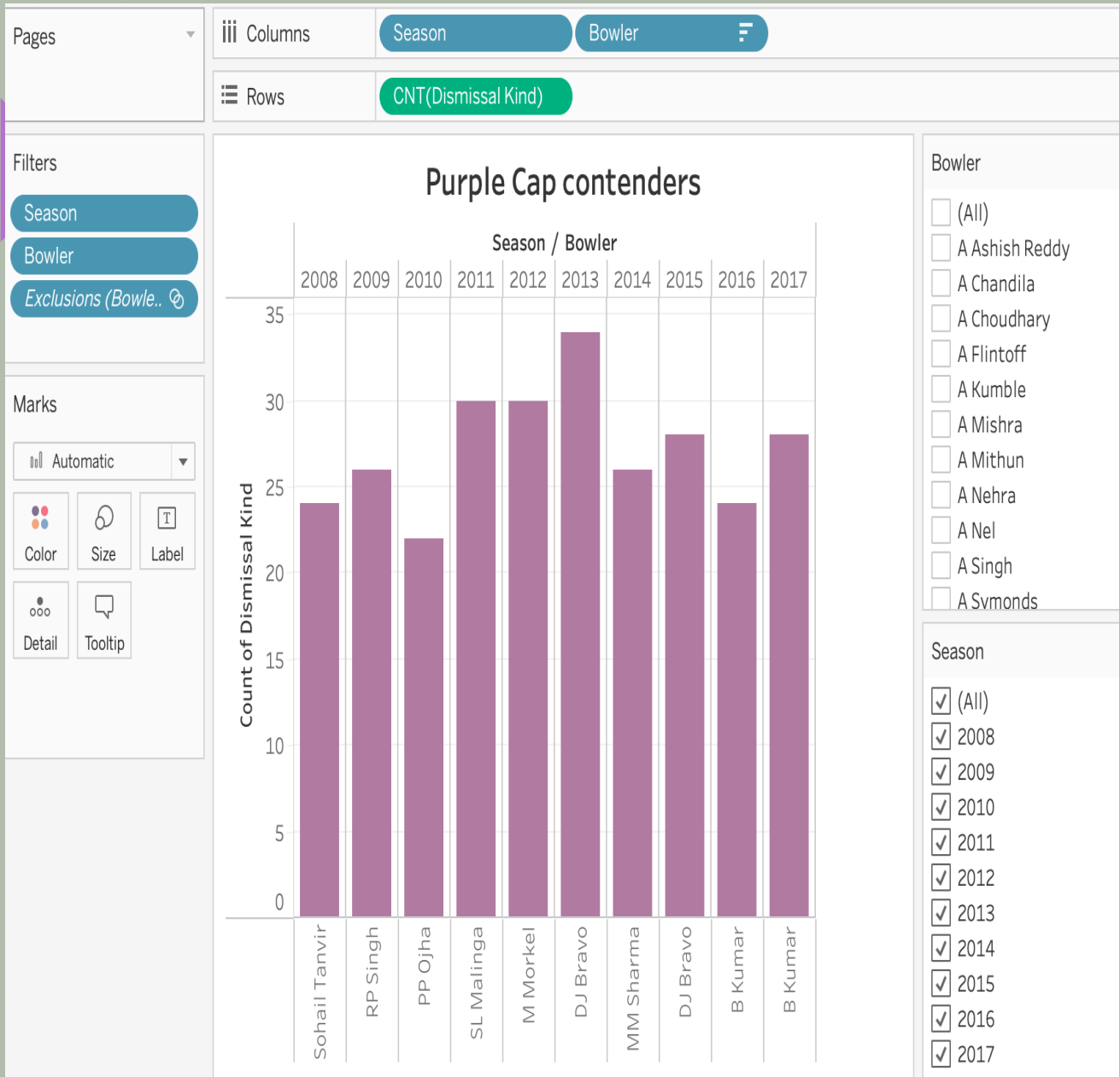
PLAYER STATISTICKS

1)Orange Cap contenders

Insights

- Here we use BAR chart to identify orange cap contenders

- Virat kohli is the top most contender for Orange cap in 2016 Season.

- Here we exclude other player to find out the top most player who play highest runs in that particular season.
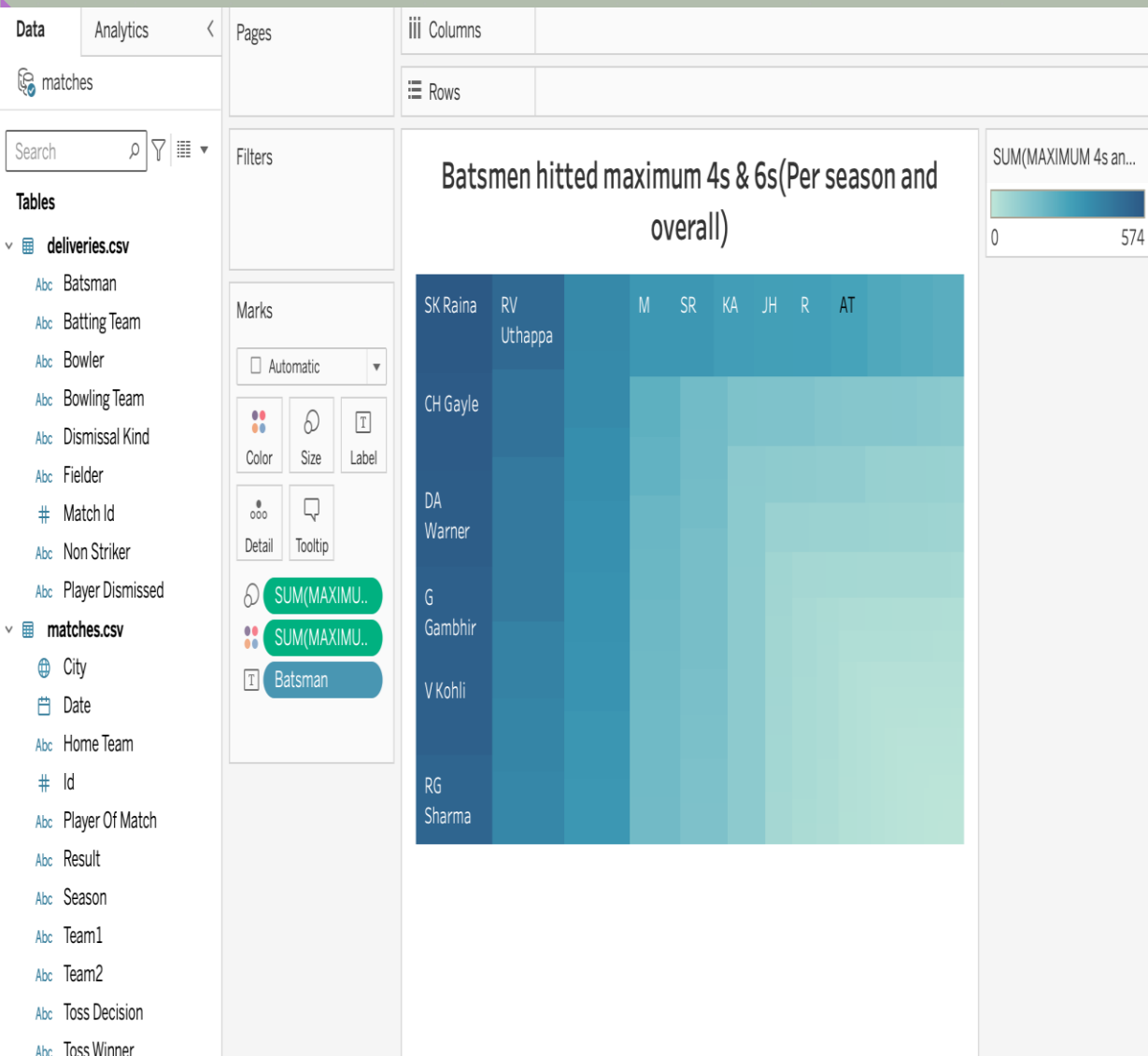
Insights

- As we used in previous chart similarly BAR chart is used to find Purple cap contender.

  - DJ BRAVO is the top most Purple cap contender among all the players and also in all the seasons.

- Here we exclude other player to find out most wicket taken player in that particular season.
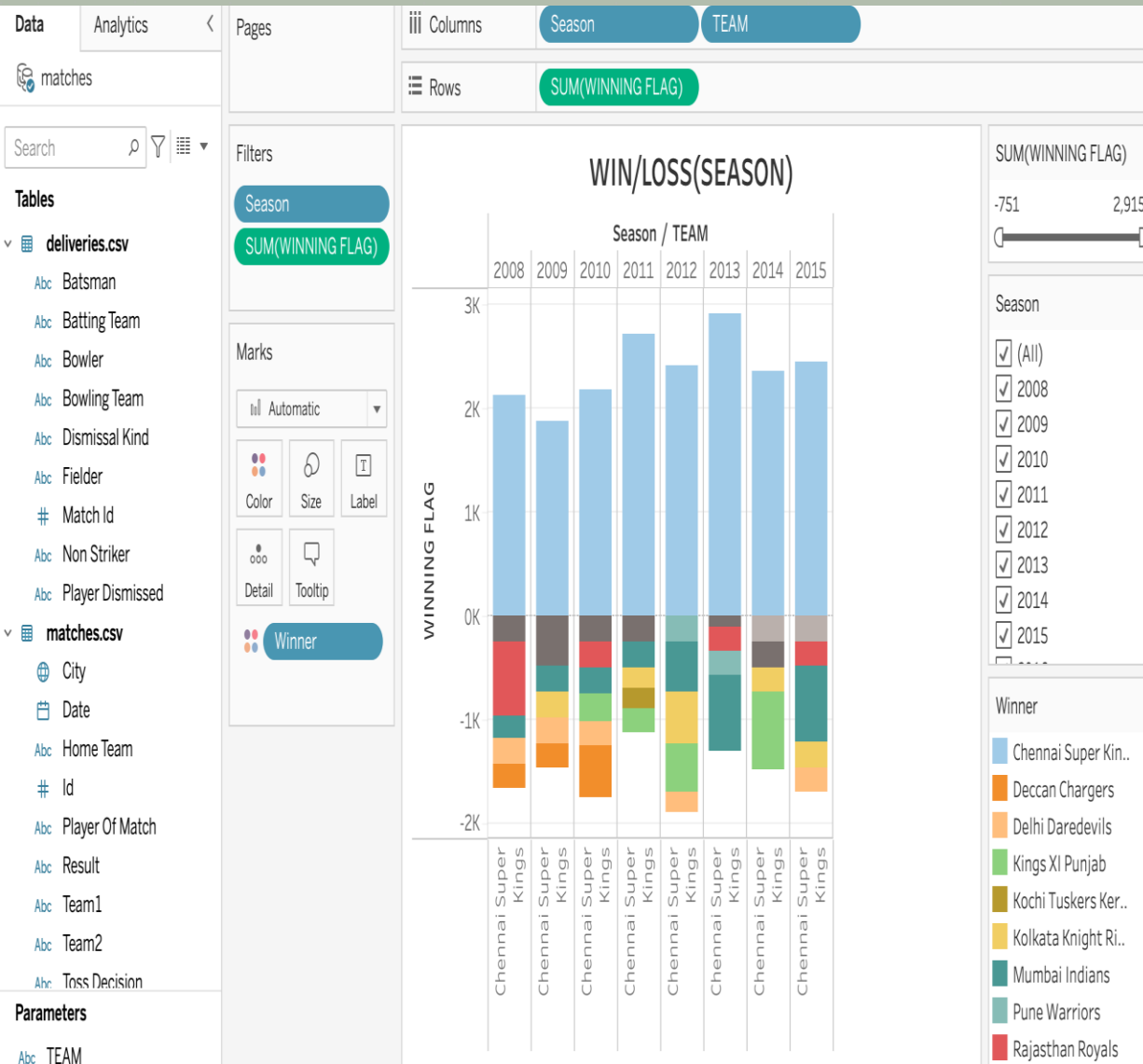
Batsmen hitted maximum 4s & 6s(Per season and overall)

Insights

- In this problem statement we use 88888

To find maximum 4s and 6s scored by player in all the season.

- Here we create calculated field to find out the max 4 and 6.

- SK RAINA is the top most player who made highest 4s and 6s in all the season among all the player in IPL.
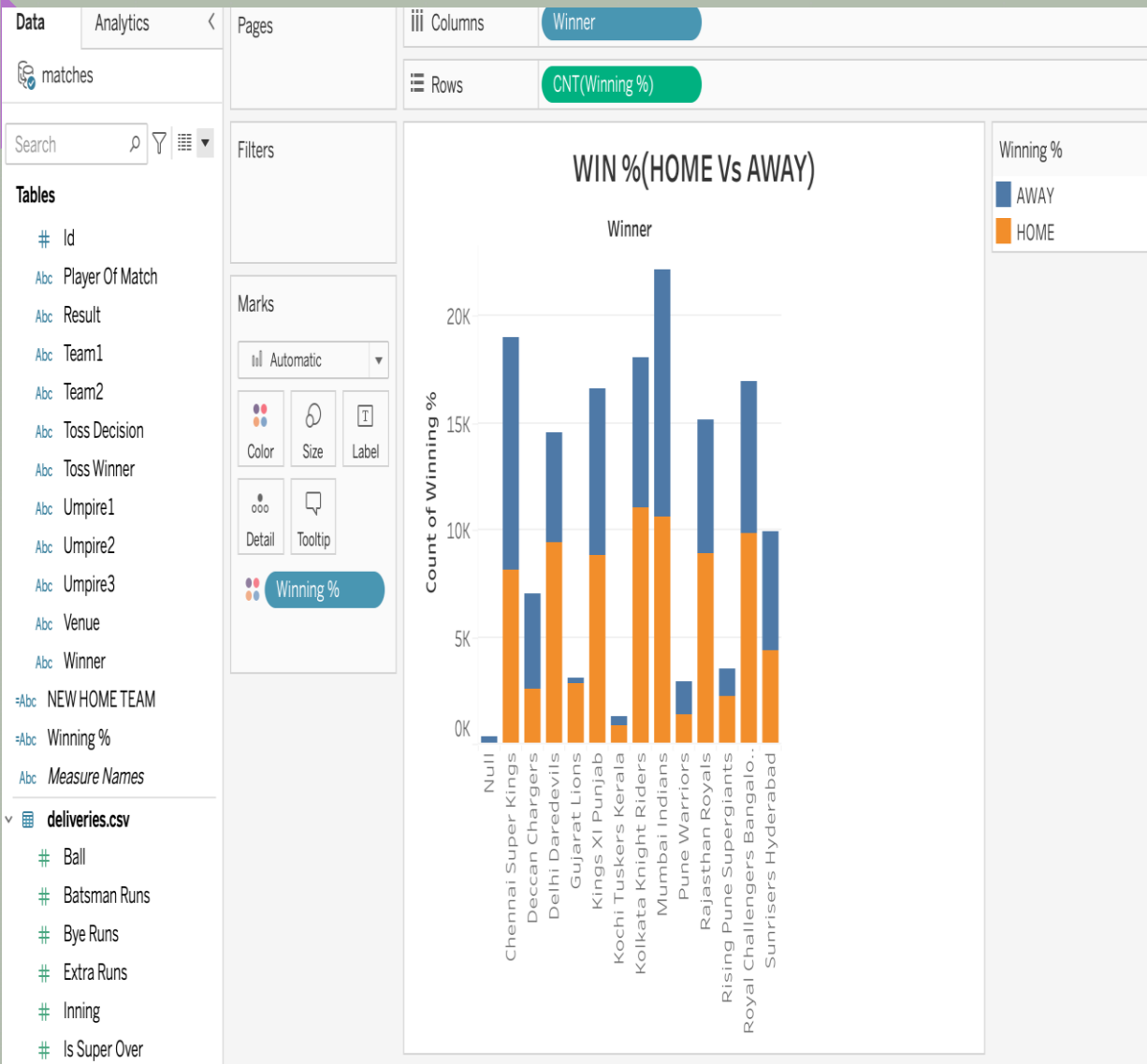
Team Statistics

1)Season–wise team performance (wins vs losses)

- Insights

- Here we have to create calculated field for winning flag to identify the winning and losses.

- Season and winning flag put in filter for easy visualization.

- In this work we can see CHENNAI SUPER KINGS on top.

Win Percentage(Home Vs Away)

- Insights
- Here blue colour shows winning for away and orange for home.
- In this graph we can easy find which winner team is home or away from home.
- Here we create calculated field to find for Winning %.
- From details we can find colouring marks for winning %.

THANK YOU