

# IPL Dataset Case Study

## Problem Statement

Go through the IPL data set carefully and answer the questions listed below, which will eventually guide you and give you some insights about the same.

- 1) Find the team that won the maximum number of matches from the dataset provided to you? Create the appropriate chart to find the team.
- 2) Find out in which in season did “Mumbai Indian” win the maximum number of matches?
- 3) How many matches were won by Mumbai Indians in their home stadium (Wankhede Stadium) in the Year 2019?
- 4) With the help of Maps, find out which city has hosted the maximum number of matches?
- 5) Find out the toss decision ratio for Mumbai Indians whenever they have won a match?
- 6) Now Mumbai Indians want to select the captain for their team for next season, so they decide to look at the player that had been player of the match for the maximum number of times. Help them get the answer to it with the help of tableau.
- 7) With the help of “*mostrunsaverage\_strikerate*”, Create a new field StrikeRate which can help us compare various players and find out the names of players having top 3 StrikeRate? (StrikeRate can be calculated by dividing Total Runs with Number of Balls played by each player)
- 8) After getting the names of top 3 strike-rate batsman, drag and drop “*numberofballs*” to Colour mark and sort it. What do you observe now, write down your insights on the final dashboard created for this project.
- 9) What type of relationship do you observe between the number of balls a Batsman plays and number of times he gets Out.

Before proceeding with solving the questions, make sure you follow the data processing step mentioned below. You have been provided with a IPL Dataset, but it has similar teams with multiple name, for example Rising Pune Supergiants, Rising Pune Supergiant & Pune Warriors. In order to remove redundancy from the dataset change the name of

- Rising Pune Supergiant, Pune Warriors => Rising Pune Supergiants
- Delhi Capitals => Delhi Daredevils