

Case study: IPL data analysis



- 1) All Indian Premier League Cricket matches between 2008 and 2016.
- 2) This is the ball by ball data of all the IPL cricket matches till season 9.
- 3) matches.csv contains details related to the match such as location, contesting teams, umpires, results, etc.

Note: Make PPT to fill following points

- Observation
- Provide details: Answer of all the questions
- Conclusion

Questions:

- 1) Create DataFrame.
- 2) Print first 2 rows of DataFrame
- 3) Display the variable format.
- 4) Print the columns name.
- 5) Find the frequency of matches held in various cities.
- 6) Are there any variables with missing values? If yes then find out.....
- 7) Find summary of win_by_run for each variable. Min, Max, Median, Mean, sd, Var.
- 8) Find out the average of win_by_run.
- 9) Find out the toss winning team which was winning the match.
- 10) Find out the winner after winning the toss and electing to bat.