

# IPL

Shri Vishnu Engineering College for Women

January 24, 2017

# Team Members

- ▶ S Manisha
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# Software and Packages used

- ▶ Software
  - ▶ Rstudio
- ▶ Packages
  - ▶ ggplot2
  - ▶ plotrix

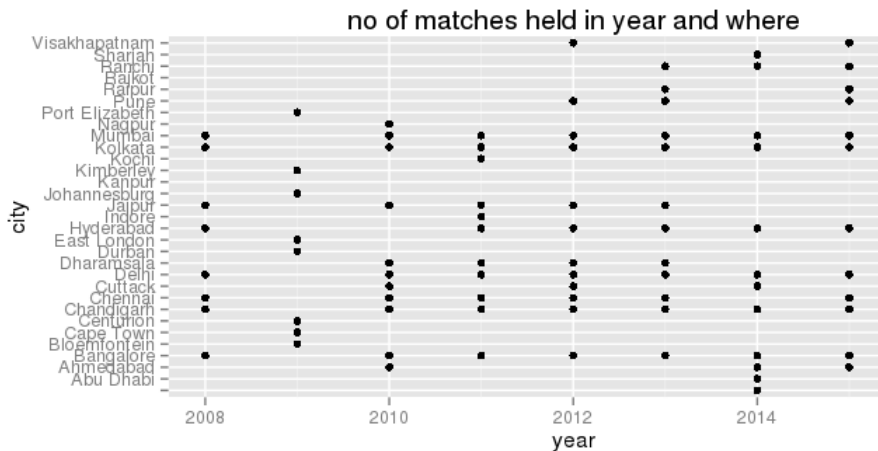
# Learnings

- ▶ Analysing Data
- ▶ Team work
- ▶ Presentation using beamer

# Description

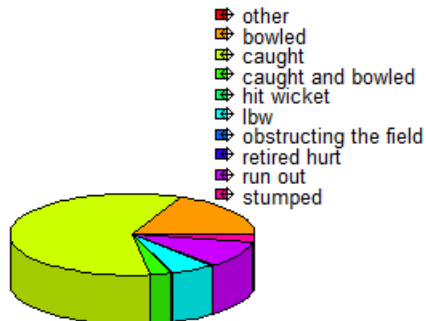
- ▶ The Indian Premier League (IPL) is a professional Twenty20 cricket league in India contested during April and May of every year by franchise teams representing Indian cities. The league was founded by the Board of Control for Cricket in India (BCCI) in 2007.[3]
- ▶ It contains 2 datasets
- ▶ One contains about matches and the other about the performance of those matches

# Where and When



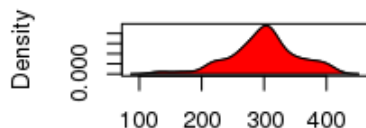
# Dismissal rate

**Pie chart for dismissal rate**



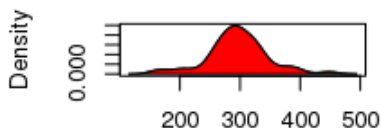
# Runrate in each season

**Density plot for runs in 2008**



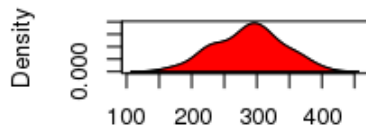
N = 60 Bandwidth = 15.77

**Density plot for runs in 2010**



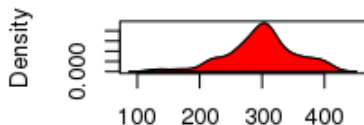
N = 60 Bandwidth = 15.25

**Density plot for runs in 2012**



N = 74 Bandwidth = 10.41

**Density plot for runs in 2014**

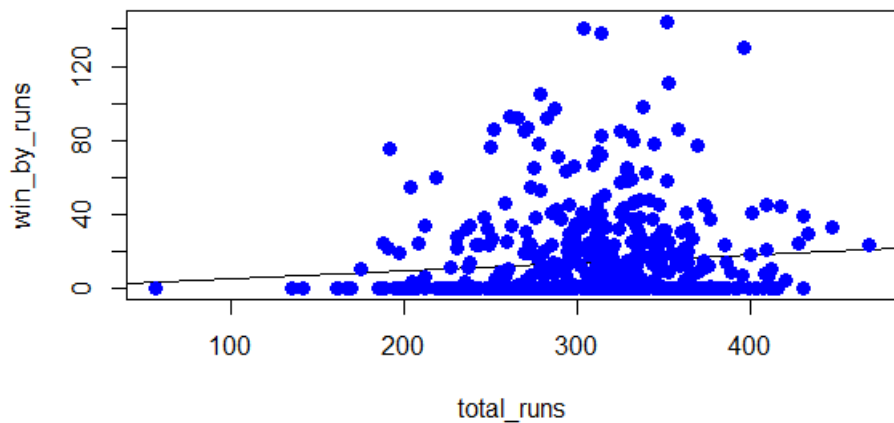


N = 60 Bandwidth = 15.77

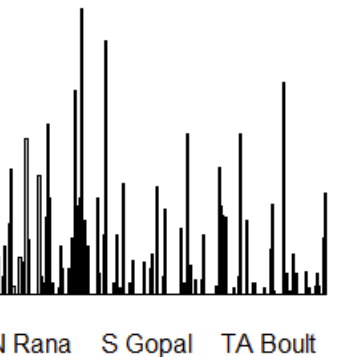


# Regression graph

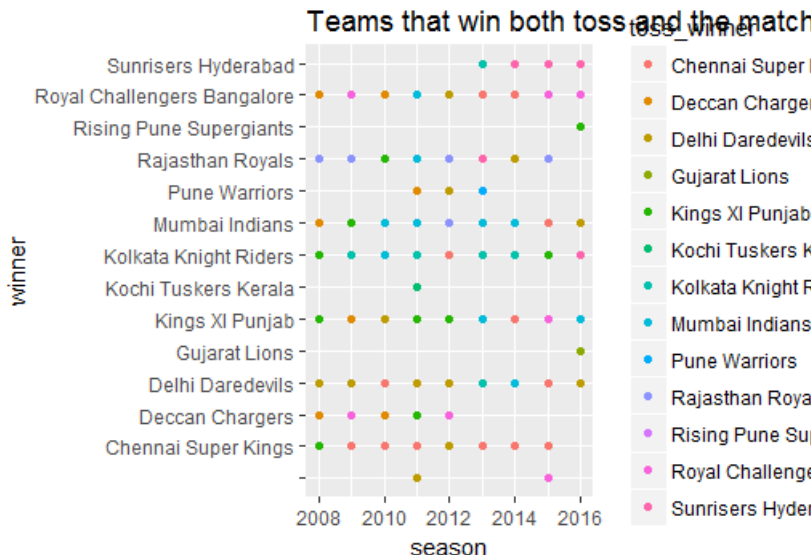
**Linear-Regression for total\_runs and win\_by\_runs**



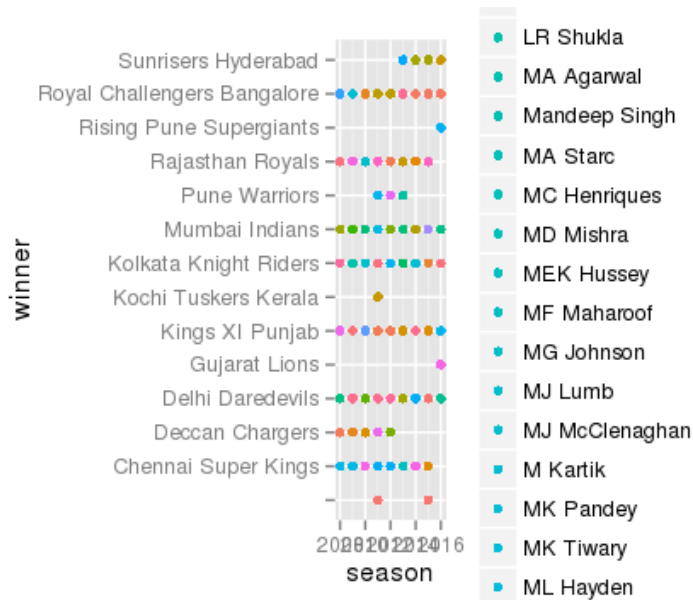
### AT KOHLI batting



# Teams that won both toss and match

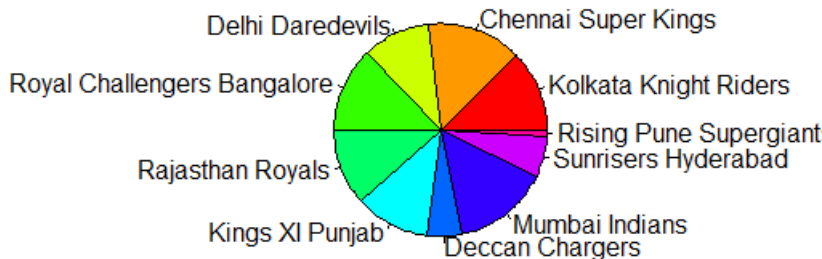


# Winner and ManofMatch



# Overall team winning rate

**Pie chart for each team winning rate**



THANK YOU

