

IPL-DATA ANALYSIS

Shri Vishnu Engineering College for Women

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Team Members

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Software and Packages used

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

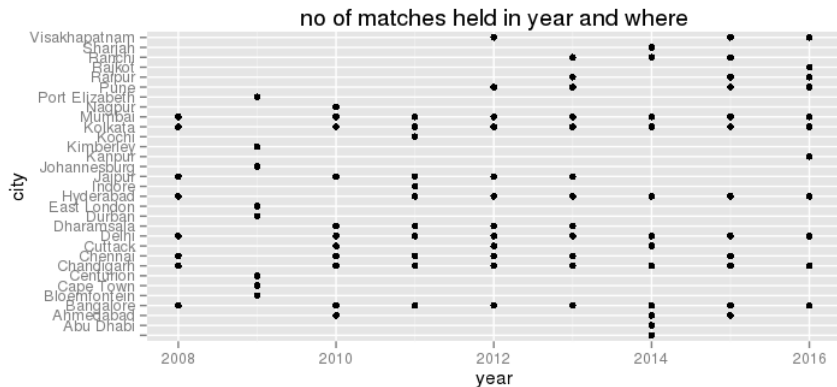
Learnings

- ▶ Analysing Data
- ▶ Team work
- ▶ Using Rstudio

Description

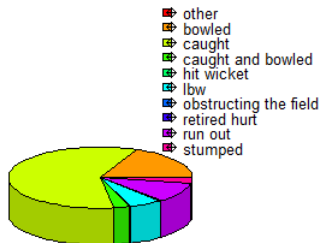
- ▶ The Indian Premier League (IPL) is a professional Twenty20 cricket league in India contested during April and May of every year by franchise teams representing Indian cities. The league was founded by the Board of Control for Cricket in India (BCCI) in 2007.
- ▶ It contains 2 datasets
- ▶ One contains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

Where and When



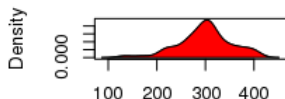
Dismissal rate

Pie chart for dissimisal rate



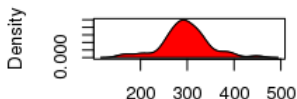
Runrate in each season

Density plot for runs in 2008



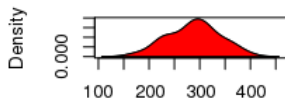
N = 60 Bandwidth = 15.77

Density plot for runs in 2010



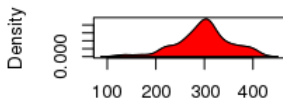
N = 60 Bandwidth = 15.25

Density plot for runs in 2012



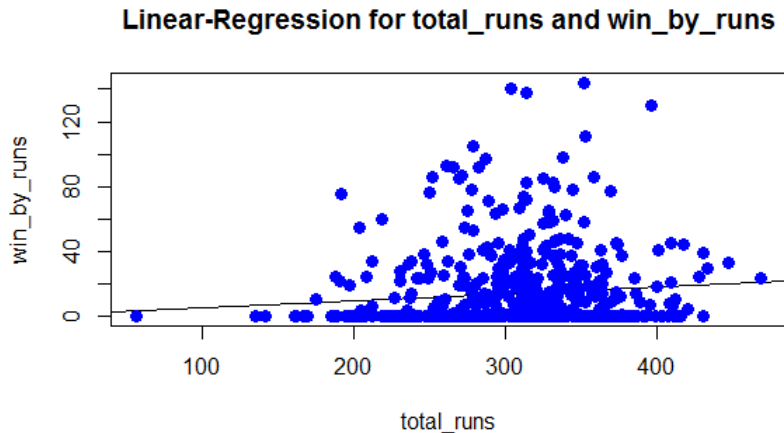
N = 74 Bandwidth = 19.41

Density plot for runs in 2014

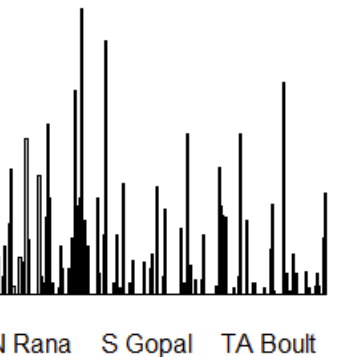


N = 60 Bandwidth = 15.77

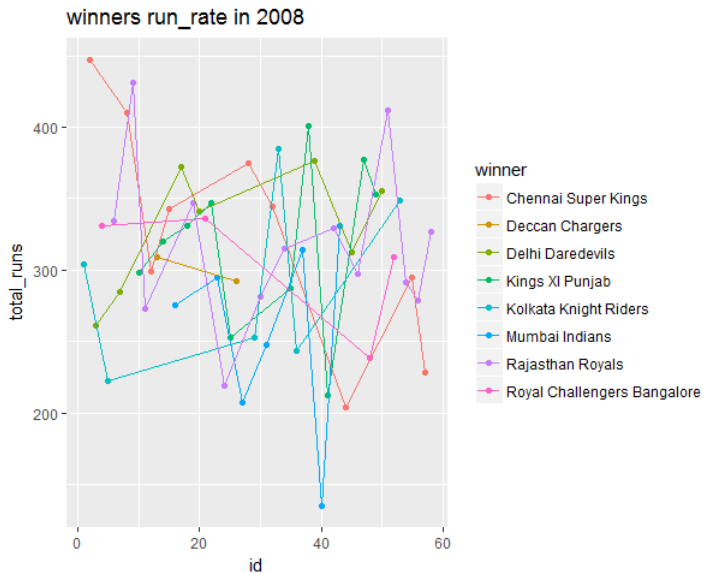
Regression graph



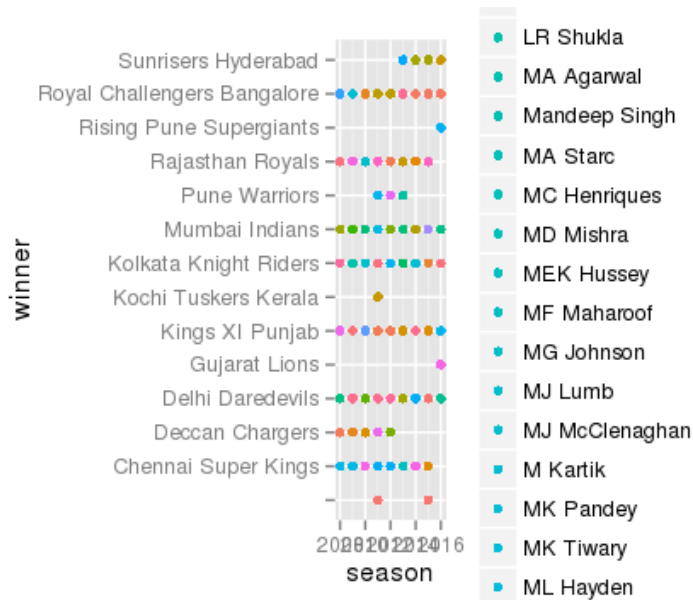
AT KOHLI batting



Run Rate of Winners Team in 2008

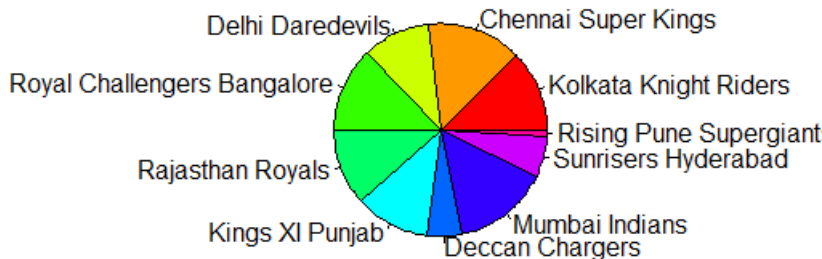


Winner and ManofMatch



Overall team winning rate

Pie chart for each team winning rate



THANK YOU

