IPL

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

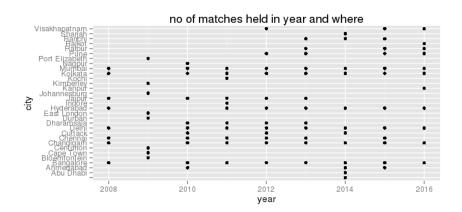
Learnings

- Analysing Data
- ► Team work
- Presentation using beamer

Description

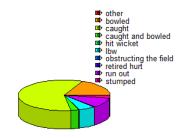
- The Indian Premier League (IPL) is a professional Twenty20 cricket league in India contested during April and May of every year by franchise teams representing Indian cities. The league was founded by the Board of Control for Cricket in India (BCCI) in 2007.[3]
- It contains 2 datasets
- One contains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

Where and When



Dismissal rate

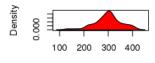
Pie chart for dissimisal rate



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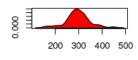
Runrate in each season

Density plot for runs in 2008



N = 60 Bandwidth = 15.77

Density plot for runs in 2010



Density

Density

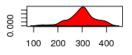
N = 60 Bandwidth = 15.25

Density plot for runs in 2012

100 200 300 400

N = 74 Bandwidth = 19.41

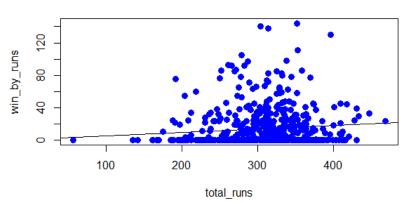
Density plot for runs in 2014



N = 60 Bandwidth = 15.77

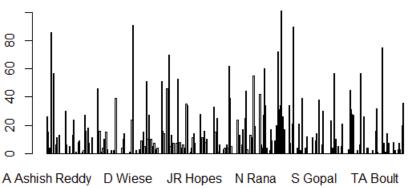
Regression graph

Linear-Regression for total_runs and win_by_runs

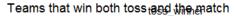


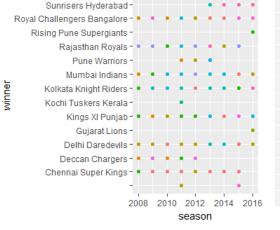
Virat Kohli Performance





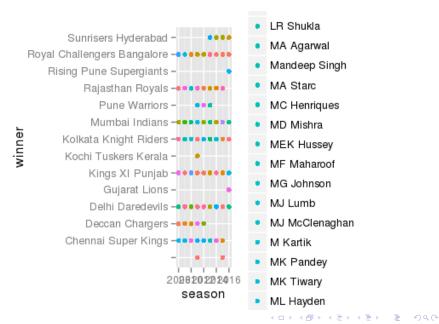
Teams that won both toss and match





- Chennai Super Kings
- Deccan Chargers
- Delhi Daredevils
- Gujarat Lions
- Kings XI Punjab
- Kochi Tuskers Kerala
- . Kallada Katabi Bidaaa
- Kolkata Knight Riders
- Mumbai Indians
- Pune Warriors
- Rajasthan Royals
- Rising Pune Supergiants
- Royal Challengers Bangalore
- Sunrisers Hyderabad

Winner and ManofMatch



Overall team winning rate

Pie chart for each team winning rate

