IPL PROJECT

Shri Vishnu Engineering for Women (Autonomous)

Jan 2017

Linear Regression

Team Members

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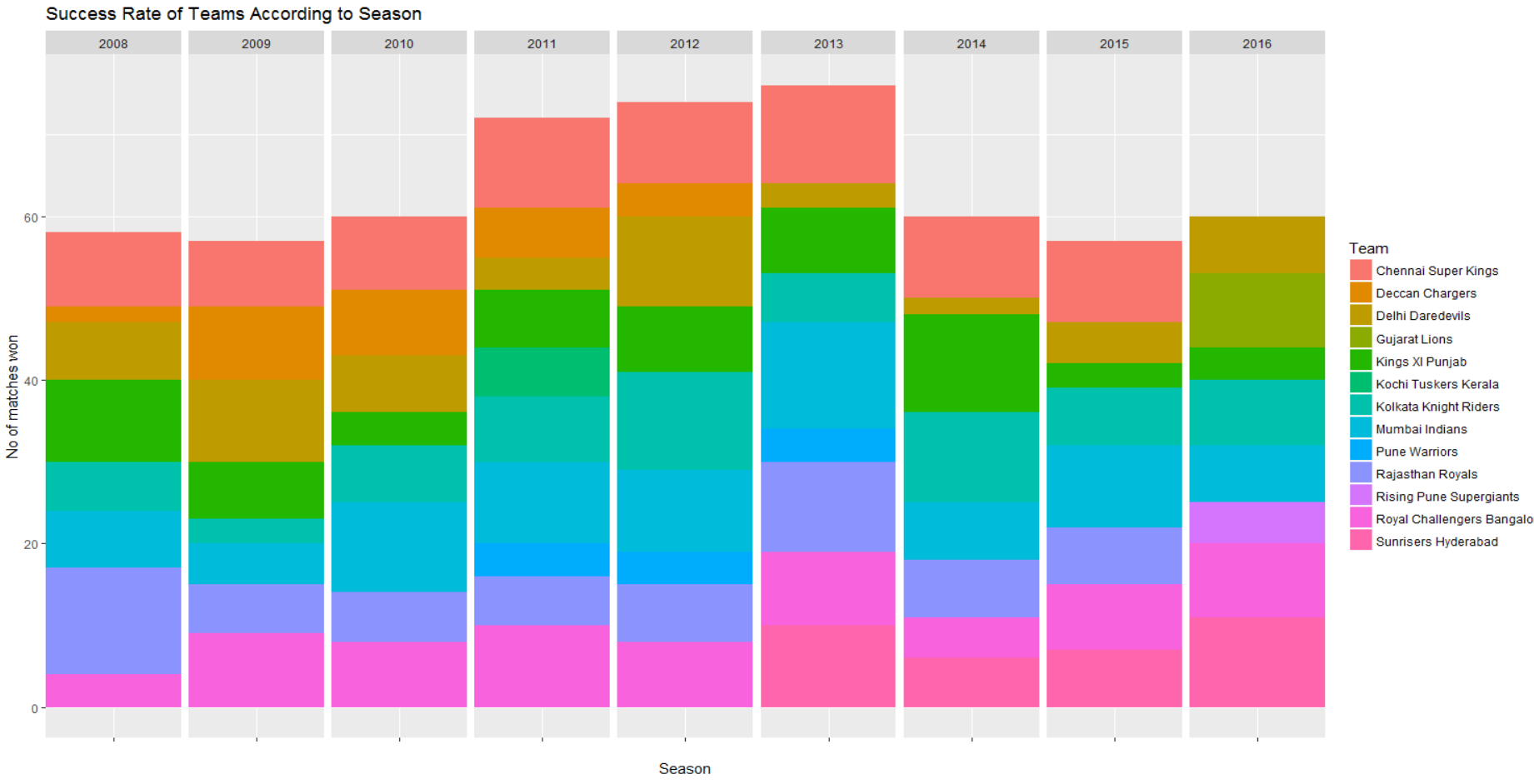
Outline

- Introduction
- ggplot()
- qplot()
- pie chart

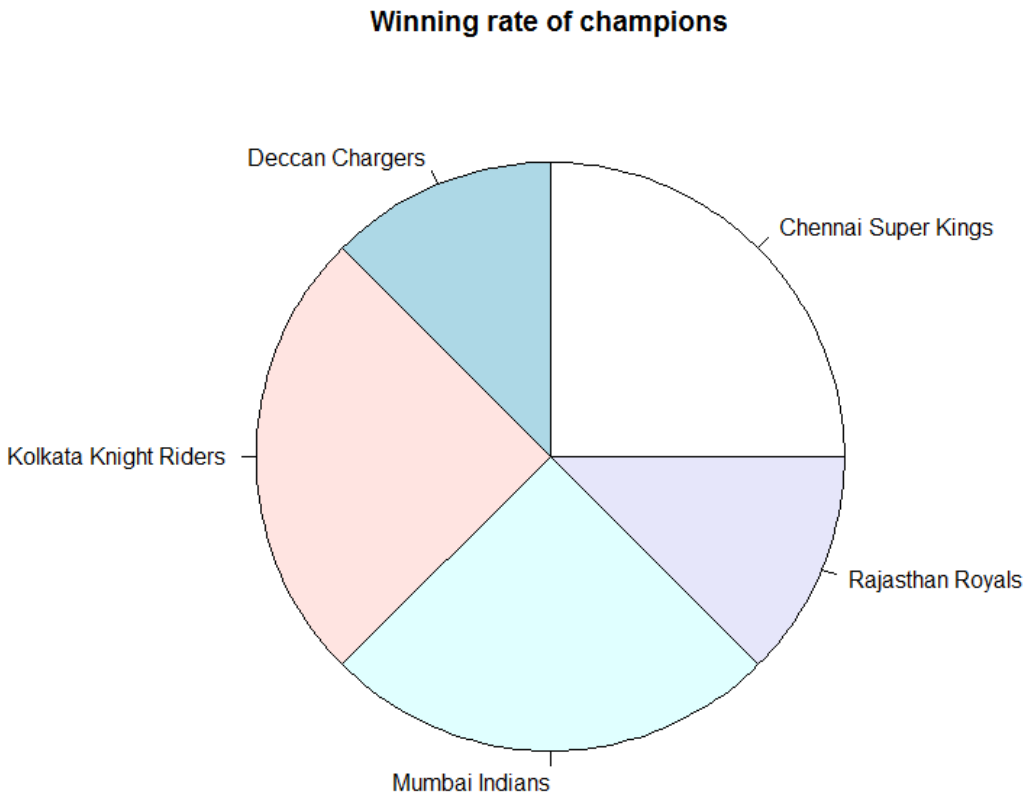
Introduction

IPL is abbreviated as INDIAN PREMIER LEAGUE. It is a professional league for Twenty20 cricket championship in India. It was initiated by the Board of Control for Cricket in India (BCCI), headquartered in Mumbai

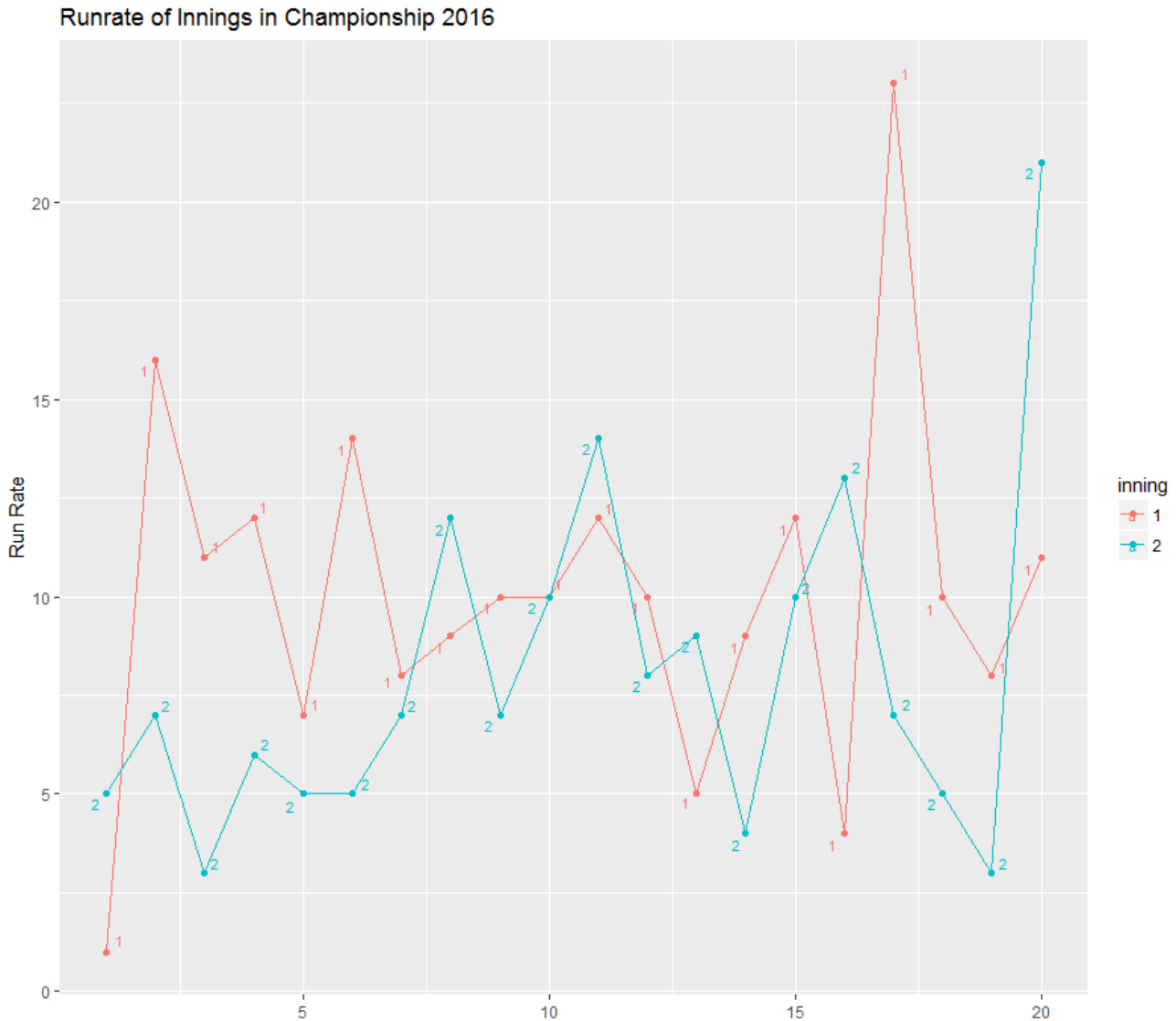
ggplot


Success Rate of Teams According to Season
2008
2009
2010
2011
2012
2013
2014
2015
2016
No of matches won
0
20
40
60
Season
Team
Chennai Super Kings
Deccan Chargers
Delhi Daredevils
Gujarat Lions
Kings XI Punjab
Kochi Tuskers Kerala
Kolkata Knight Riders
Mumbai Indians
Pune Warriors
Rajasthan Royals
Rising Pune Supergiants
Royal Challengers Bangalo
Sunrisers Hyderabad

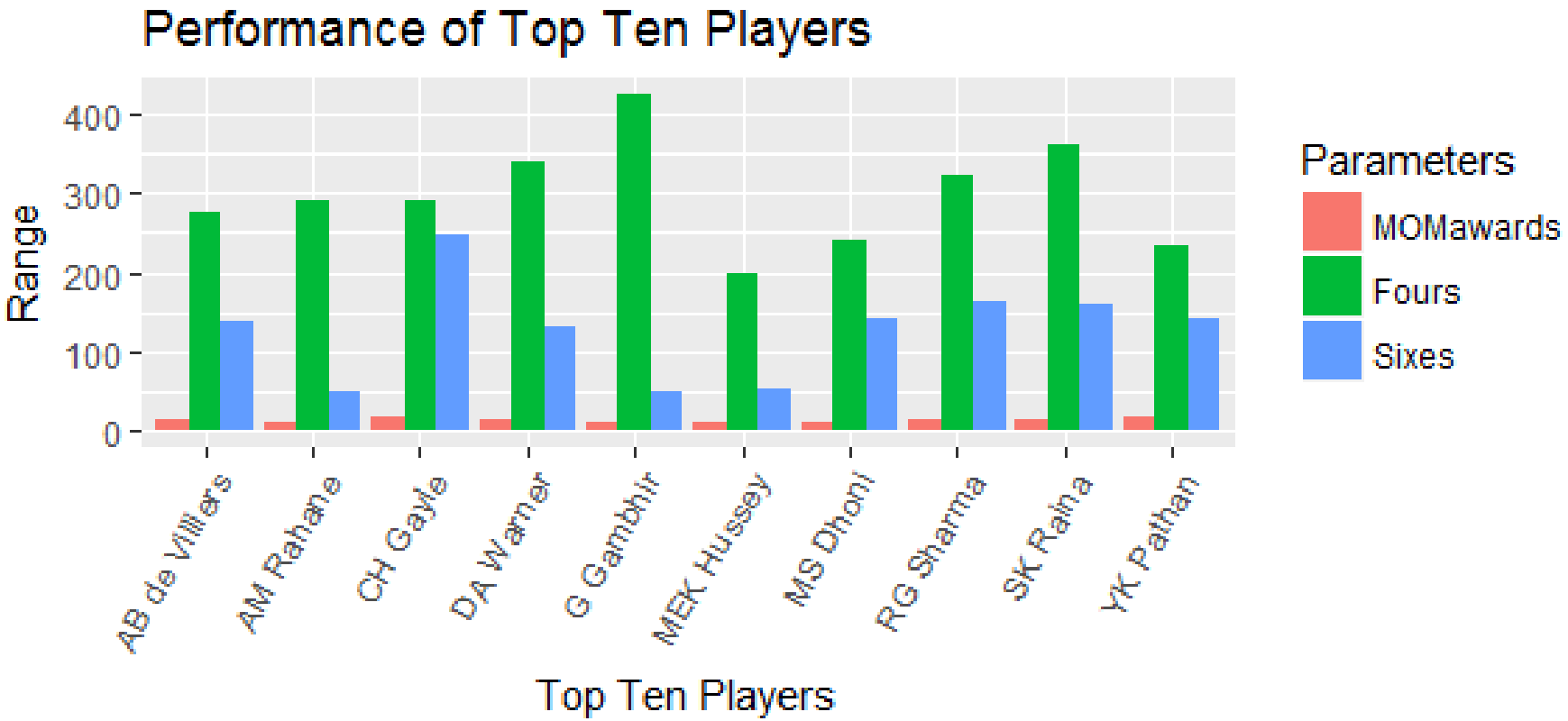
pie chart


Winning rate of champions
Deccan Chargers
Chennai Super Kings
Kolkata Knight Riders
Rajasthan Royals
Mumbai Indians

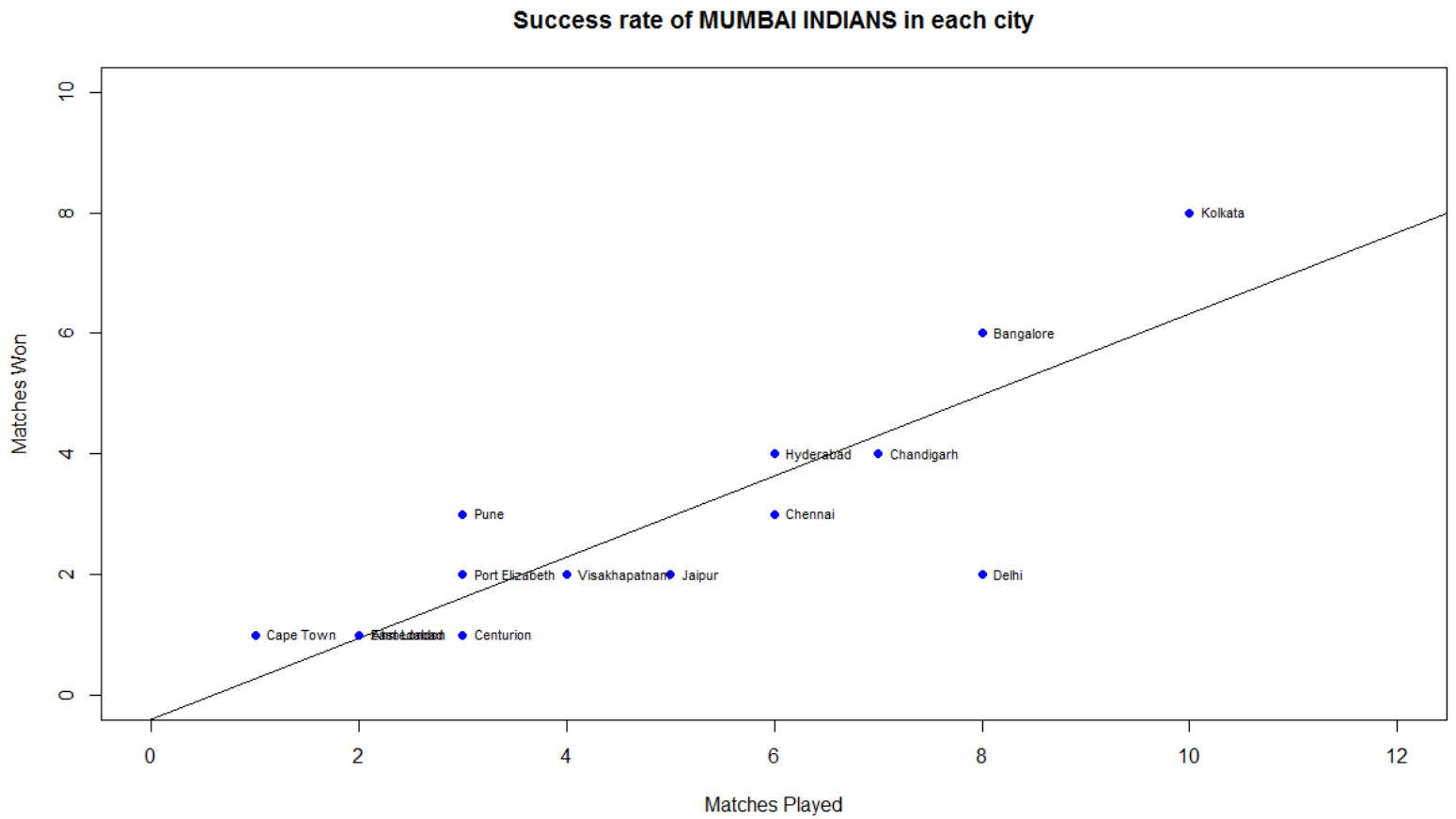
qplot


Runrate of Innings in Championship 2016
Run Rate
0
5
10
15
20
5
10
15
20
inning
1
2

Grouped bar plot



Linear Regression



Packages

- ggplot
- plyr
- reshape2
- ggrepel

Tools

- Rstudio
- Latex Beamer

Thank you