Presenting Plots in LaTeX
Drawing & Data Visualization - CSE 214

Md Abdullah Al Mamun Emon

Id : 23701028

University of Chittagong

Department of Computer Science & Engineering

Table of Contents

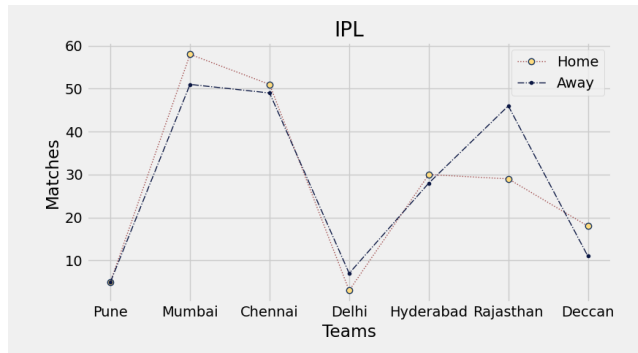# Table of Contents

Table of Contents

Curious?

What is Data Visualization?

Data visualization is the graphical representation of information and data. It involves using visual elements like charts, graphs, maps, and other visual formats to present data in an accessible way.

Curious?

What is Data Visualization?

Data visualization is the graphical representation of information and data. It involves using visual elements like charts, graphs, maps, and other visual formats to present data in an accessible way.

Why Data Visualization?

- Easy To Understand
- Making Decisions
- Storytelling
- Analyzing Patterns

Line Plot Using Matplotlib

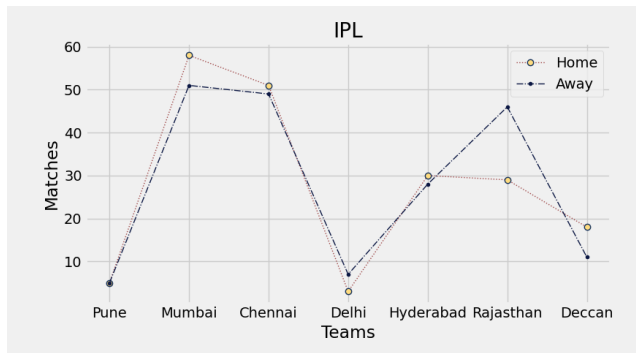# Line Plot Using Matplotlib

Figure: IPL Home & Away Match

Line Plot Using Matplotlib
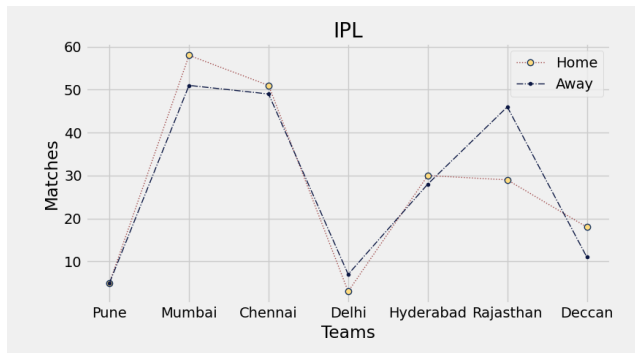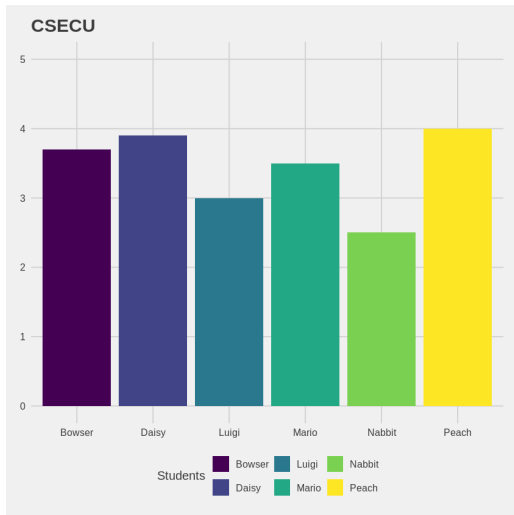
- Source Code

- Dataset

Figure: IPL Home & Away Match

Bar Plot Using R-ggplot

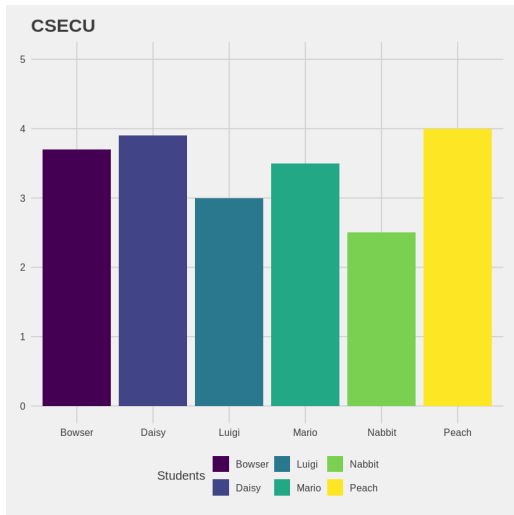# Bar Plot Using R-ggplot

Figure: Marriage By Race

Bar Plot Using R-ggplot

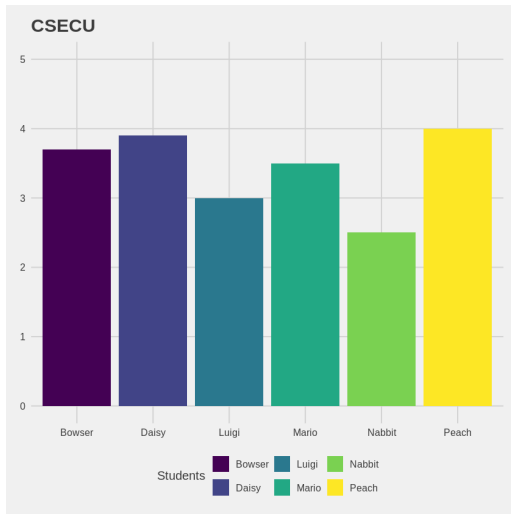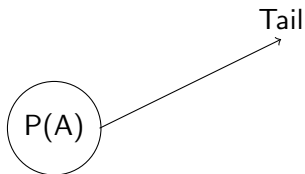- Source Code

- Dataset
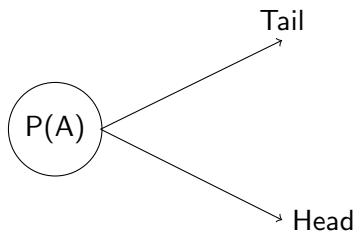

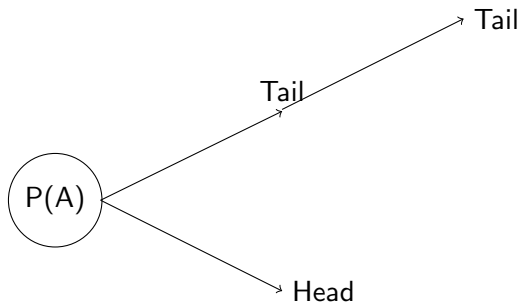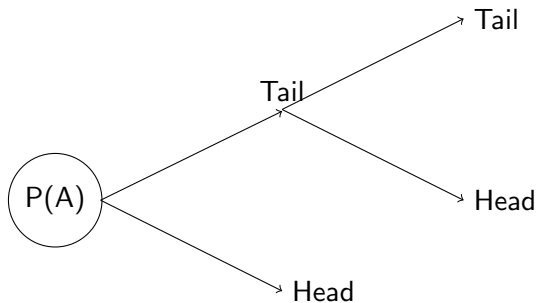Figure: Marriage By Race

Wipe Animation Example

Probability Tree With TikZ
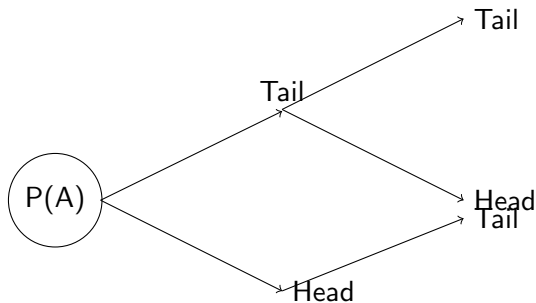
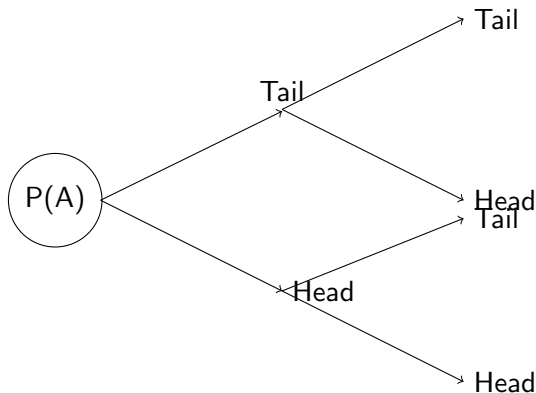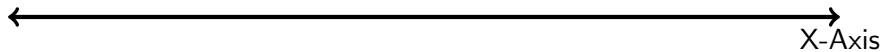# Probability Tree With TikZ

Probability Tree With TikZ

Probability Tree With TikZ

Probability Tree With TikZ

Probability Tree With TikZ

Probability Tree With TikZ

Graph With TikZ

X-Axis

Graph With TikZ

Graph With TikZ

Graph With TikZ