

Learning Outcomes

At the end of the session, you will be able to:

- Using sample datasets from library
- Visualizing basic plots- Pie Charts, Box plots, Histogram, Scatterplots, Bar chart, Line Graphs

Activity

1. Using the same external files as in Lab7. Improvise the report that you have made by utilizing the visualization that you have learn in Lab8a to support the observation/insight that you have written. Create at least TWO different types of plots/charts/graphs.
2. Chose any one of the built-ins datasets in R (sample as image below) and utilize the visualization that you have learnt in Lab8a. Use the visualization to tell story about the dataset that you choose. As example, if you choose 'BJsales', imagine that you will be presenting the visualization to the Sales Manager on the performance of the sales.

Data sets in package 'datasets':

AirPassengers	Monthly Airline Passenger Numbers 1949-1960
BJsales	Sales Data with Leading Indicator
BJsales.lead (BJsales)	Sales Data with Leading Indicator
BOD	Biochemical Oxygen Demand
CO2	Carbon Dioxide Uptake in Grass Plants
ChickWeight	Weight versus age of chicks on different diets
DNase	Elisa assay of DNase
EuStockMarkets	Daily Closing Prices of Major European Stock Indices, 1991-1998
Formaldehyde	Determination of Formaldehyde
HairEyeColor	Hair and Eye Color of Statistics Students
Harman23.cor	Harman Example 2.3
Harman74.cor	Harman Example 7.4
Indometh	Pharmacokinetics of Indomethacin
InsectSprays	Effectiveness of Insect Sprays
JohnsonJohnson	Quarterly Earnings per Johnson & Johnson Share
LakeHuron	Level of Lake Huron 1875-1972
LifeCycleSavings	Intercountry Life-Cycle Savings Data
Loblolly	Growth of Loblolly pine trees
Nile	Flow of the River Nile
Orange	Growth of Orange Trees
OrchardSprays	Potency of Orchard Sprays
PlantGrowth	Results from an Experiment on Plant Growth
Puromycin	Reaction Velocity of an Enzymatic Reaction
Seatbelts	Road Casualties in Great Britain 1969-84
Theoph	Pharmacokinetics of Theophylline

Submission

- Submit to your GA.