Introduction to R programming for Data Analysis

Duration: 18 hours

Class timing: Weekend (Saturday & Sunday)

No of modules covered: 10

Prerequisite: Null

Nature of classes: 100% hands on

Version used: R studio with the latest version available in CRAN

Who should attend: Anyone working in data science domain or willing to learn R programming

Advanced Statistical Modeling: Not covered

Modules

Module 1: Introduction to R

Module2: Flat files import & export and data cleaning (missing value & outlier treatment)

Module3: Univariate and Bivariate Analysis, graphs and charts (R graphics)

Module4: Exploratory data analysis (data slicing and dicing and creating analytical data set)

Module5: Managing with data and time fields in R

Module6: Data visualization using "ggplot2" and "ggvis" package

Modeule7: Linear Regression Model and Correlation

Module8: "Apply" family of functions in R

Module9: User defined functions in R

Module10: One case study from scratch

Why R? It is fun to learn R and crawl in love with Statistics