

DATA SCIENCE

(R & PYTHON)

UNIT 1 : Introduction to R / Python

- R variables and Data Types
- Conditional and looping statements
- Data Structures
- Vector
- Matrices
- List
- Factors
- Data Frames
- Graphics
- Statistical usages in R
- Time series Analysis

UNIT 2: ANALYSIS USING R/Python

- Understanding the dataset
- Cleaning, manipulating, munging of data set
- Practical Analysis using data set

UNIT 3: Machine Learning with R/ Python

- What is Machine Learning
- Types of Machine Learning
- Algorithms in Machine Learning(with hands on practice)
- KNN -K Nearest Neighbor
- Naive Bayes
- Decision Trees
- Divide and Conquer
- Linear Regression
- Random Forest
- Regression / Model Trees
- Logistic Regression
- Artificial Neural Networks
- Support Vector Machines
- Market Basket Analysis
- K-means clustering

UNIT 4 : DATA VISUALIZATION USING R/python

- Visualization Packages in R
- Using of these packages in Machine Learning

Using Matplotlib packages

UNIT 5: Tableau

- Introduction to Tableau
- Installing Tableau
- Working methods and procedures in Tableau
- Tableau dashboards
- Statistical calculations in Tableau
- Visualization effects in Tableau

Note: This course is 100 % practical oriented course all the algorithms are taught with the help of real time data set

Course Fee :

Fess: Rs.25000/-(per candidate)(2 installments)

Course Duration : 35days