

- a) Introduction to Datascience
- b) Basics of Statistics and Probability
- c) Probability Distributions and Statistical Modelling
- d) Data Analysis and Preparation
- a) Introduction to R and Python

b) Machine Learning

- Introduction
- Supervised and Unsupervised Learning
- Clustering Model
- Regression Model-Linear and Logistic
- Decision Trees
- Random Forests
- Principal Component Analysis
- Support Vector Machines

a) Text Mining and Classification

- Naive Bayes Algorithm
- Artificial Neural Network

b) Image Processing

- Convoluted Neural Network

c) Recurrent Neural Network

d) Real time Problem Hackathon

e) Interview Preparation and Resume Building