

1

## Demystifying Data Science:

1. Business Analytics vs Big Data vs Data Science
2. Components of Data science
3. Understanding Data Science Pipeline
4. Roles and Jobs in Data Science in the Market
5. Data Science Team Structure

2

## Data Sources:

1. Metrics
2. Data : Open data, 3rd Party Data
3. Extracting Data with APIs
4. Scrapping techniques

3

## Statistical Analysis of Data

1. Basic Statistics
2. Exploration with Statistics
3. Exploration Graphs



DATA SCIENCE  
FOUNDATION



Classroom Training



**₹ 15,000 /-** (Excl. Taxes)

- ✓ Hands on Case Study in Tableau
- ✓ 15 Days Support in Self Practice
- ✓ Interview FAQs Training
- ✓ Resume Review & Job Assistance



**Accredited by  
IABAC**

4

## Visual Analytics with Tableau :

1. Introduction to Visual Analytics
2. Various Graphical Representations
3. Visual Analytics with Tableau

5

## Data Science with R language:

1. Installing R & R Studio
2. R language syntax
3. Working with R package
4. Data Manipulation with R

6

## Applied Statistics:

1. Hypothesis
2. Confidence
3. Validating



DATA SCIENCE  
FOUNDATION



Classroom Training

₹ 15,000 /- (Excl. Taxes)

- ✓ Hands on Case Study in Tableau
- ✓ 15 Days Support in Self Practice
- ✓ Interview FAQs Training
- ✓ Resume Review & Job Assistance



Accredited by  
IABAC

7

## Introduction to Machine Learning:

1. Decision Trees
2. Ensembles
3. K-nearest Neighbours (KNN)
4. Naive Bayes Classifiers
5. Artificial Neural Networks

8

## Hands on Practice:

1. Data Science hands on working on R
2. Machine Learning Hands on

9

## Data Science Career:

1. Data Science relevance in your career
2. How a data science resume looks like
3. Tips on job application



DATA SCIENCE  
FOUNDATION



Classroom Training

₹ 15,000 /- (Excl. Taxes)

- ✓ Hands on Case Study in Tableau
- ✓ 15 Days Support in Self Practice
- ✓ Interview FAQs Training
- ✓ Resume Review & Job Assistance



Accredited by  
IABAC