

1

Introduction to the role of Data SCIENTIST :

1. Who is a Data Scientist?
2. Data Scientist skills armour
3. Understanding Organisation structure and Business Models
4. Full Stack Data Science Capability

2

Data Science Tools Ecosystem:

1. Overview Of Data Science Tools
2. R Language, R Studio, R Shiny
3. Python , Anaconda, Jupyter
4. Tableau, R Shiny, Apache Spark
5. BigML, Rapidminer, KNIME, Orange

3

Data Sources – Advanced:

1. Defining Data requirement and Metrics
2. Various Open sources for DATA
3. Advanced Extraction Techniques



**CERTIFIED DATA
SCIENTIST**



Classroom Training

₹ **45,900 /-** (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

Exploratory Data Analysis and Visualization with Tableau:

1. Data Analytic Framework
2. Exploratory Data Analysis
3. Data Collection And Curation
4. Data Visualization
5. Assessment - Case Study

5

Data Science - Language R & Python:

1. Fundamentals of R Language for Data Science
2. Fundamentals of Python for Data Science
3. Data Manipulation And Visualization With R
4. Data Pre-Processing With R
5. Hands On Case Studies using R Studio
6. Assessment - Case Study



**CERTIFIED DATA
SCIENTIST**



Classroom Training



₹ 45,900 /- (Excl. Taxes)

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



**Accredited by
IABAC**

6

Data Mining :

1. Creating Business Value Using Data Mining for Actionable Insights
2. Association Rules And Collaborative Filtering
3. Assessment - Case Study

7

Data Analysis For Evidence Based Decision Making:

1. Role Of Uncertainty
2. Decision Making Under Uncertainty
3. Statistical Inference
4. Regression Analysis : Estimating Relationships
5. Multiple Regression
6. Anova And Experimental Design
7. Assessment - Case Study



**CERTIFIED DATA
SCIENTIST**



Classroom Training

₹ 45,900 /- (Excl. Taxes)

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



**Accredited by
IABAC**

8

Industry Applications of Advanced Analytics Models:

1. Implementing Predictive Models In R
2. Implementing ML Models In R
3. Assessment - Case Study

9

Big Data Analytics With Spark:

1. Introduction To Big Data
2. Machine Learning In Spark
3. Assessment - Case Study

10

Data Science Projects:

1. Structuring Data Science Project
2. Project Management Fundamentals
3. Estimating and Budgeting for Data Science Project
4. Adopting Agile principles in Data Science Project
5. Assessment - Case Study



**CERTIFIED DATA
SCIENTIST**



Classroom Training

₹ 45,900 /- (Excl. Taxes)

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



**Accredited by
IABAC**

11

Information to Insight:

1. Advanced Visualization
2. Story telling With Data
3. Live Project

12

Career Management:

1. Next steps towards Data Scientist Career and Growth
2. Resume analysis and Guidance



**CERTIFIED DATA
SCIENTIST**



Classroom Training

₹ 45,900 /- (Excl. Taxes)

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



**Accredited by
IABAC**