

Online Course





Course Modules

1. Big Data, Analytics, and the Data Scientist Role

- Define and describe the characteristics of Big Data
- Describe business drivers for Big Data analytics & data science
- Describe the Data Scientist role and related skills

2. Data Analytics Lifecycle

- Describe the data analytics lifecycle purpose & sequence of phases
- Discovery - Describe details of this phase
- Data preparation - Describe details of this phase
- Model planning - Describe details of this phase
- Model building - Describe details of this phase

3. Initial Analysis of the Data

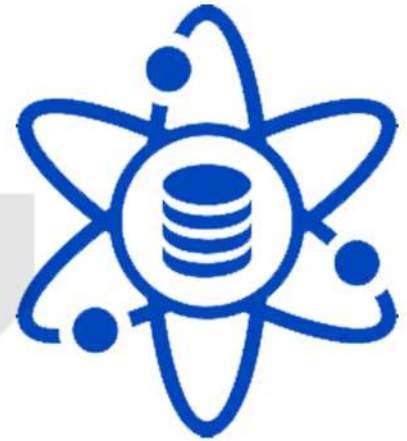
- Basic R commands are used to initially explore & analyze the data
- Describe use of important statistical measures & effective visualizations
- Describe the theory, process, and analysis of results

4. Operationalizing an Analytics Project & Data Visualization Techniques

- Communicate findings & operationalizing an analytics project
- Describe building project presentations for specific audiences
- Describe planning and creating effective data visualizations

5. Eight Methods

- K-means clustering
- Association rules
- Linear regression
- Logistic Regression
- Naïve Bayesian classifiers
- Decision trees
- Time Series Analysis
- Text Analytics



6. Advanced Analytics for Big Data - Technology and Tools

- Describe the technological challenges posed by Big Data
- Describe the nature and use of MapReduce and Apache Hadoop
- Describe the Hadoop ecosystem and related product use cases
- Describe in-database analytics and SQL essentials
- Describe advanced SQL methods: window functions, etc.,



**LEARN
REMOTELY!!**

The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



ZETLAN TECHNOLOGIES
www.zetlantech.com

**For contact: +91 8680961847
+91 9600579474**

