

Data Analytics Using Python

Duration : 2 Months

3 Days Free Trial

Price : Rs. 3999 /-

Module - 1: Introduction to Python

1. Python Setup
2. Variables
3. Data Types
4. Casting
5. Numbers
6. Strings
7. Lists
8. Tuples
9. Sets
10. Dictionaries
11. Operators
12. Conditional Statements
13. Loops (for, while)
14. Functions
15. Object Oriented Programming
16. Exception Handling
17. File Handling
18. Modules and Packages

Module - 3: Introduction to SQL

1. Basics of SQL
2. SQL Statements
3. SQL Constraints
4. SQL Operators
5. SQL Functions
6. SQL Clause
7. Sub Queries
8. SQL Joins

Module - 5: Power BI

1. Power BI Introduction
2. Power Query
3. Visualizations
4. PowerBI Service
5. Creating Dashboards

Module -7: Mathematics

1. Introduction to Statistics
2. Descriptive Statistics

Module - 2: Introduction to Excel

1. Basic Excel
2. Insert (Illustrations, Charts)
3. Basic Functions (Sum/Average/Count/etc..)
4. Basic Formula
5. Absolute / Relative Referencing
6. LOOKUP Functions
7. Pivot Tables
8. Logical / Statistical Functions
9. Chart Data Techniques
10. Date / Time Functions
11. Text Functions Using
12. Validations
13. Math & Trigonometry Functions
14. Summarizing Data
15. Outlining
16. Consolidation
17. Custom Views
18. Importing & Exporting Data

Module - 4: TABLEAU

1. Understanding Data
2. Creating First visualization
3. Tableau Calculations
4. Formatting
5. Manipulating Data in Tableau
6. Advanced Visualization Tools
7. Creating Dashboards & Stories
8. Distributing & Publishing Visualization

Module - 6: Introduction to ML

1. Machine Learning Introduction
2. Linear and Logistics Regression
3. Decision Trees & Random Forests
4. Principal Component Analysis

Module - 8: Projects

1. Covid Dataset Analysis
2. Analysis of World Economic Data
3. Supermarket Data Analysis