Data Analysis Training

This course is designed for both beginners with no data analysis experienced or experienced developers looking to make jump to data science.
We'll teach you how to analyze data using the analytics tools, how to create amazing data visualizations, and how to use machine learning with python to solve business problems.

Our courses are structured in a way that makes it 100% practical and ensures that you get optimal value.

The Program will cover:

Statistics
Power Bi
Tableau
SQL
Data Analytics
Data Visualization
Database Management
Python Programming

Statistics

1. Sample or Population
2. Descriptive Statistics
3. Inferential Statistics
4. Measure of Central Tendency, Spread, Shape, Asymmetry and Variability

Microsoft Power BI

Course Curriculum

1. Introduction to Business Intelligence
2. Introduction to Power Bi (Desktop, Service, Mobile)
3. Connecting and Shaping Data (ETL process)
4. Creating a Data Model
5. Visualizing Data reports
6. AI visuals in Power Bi
7. Advanced Dax for Power Bi (Creating Calculated fields)
8. Predictive Analytics in Power Bi
9. Forecasting using Power Bi

Tableau

Course Curriculum

1. Introduction to Data Visualization and Tableau
2. Connecting and Shaping Data in Tableau
3. Working with Metadata
4. Structing Data in tableau

5. Business Intelligence
6. Data Visualization
7. Data Reporting
8. Predictive Analytics in Tableau
9. Forecasting Analytics Tableau
10. Advance Visual Analytics

Database Management (SQL)

Course Curriculum

1. Working with Databases
2. Creating and
3. Introduction to Tables
4. Applications of SQL
5. Queries in SQL
6. DDL: Data Definition Language
7. DQL: Data Query Language
8. DML: Data Manipulation Language
9. DCL: Data Control Language
10. TCL: Transaction Control Language

Python for Data Science

Course Curriculum

1. Data Types (Numbers, Strings, List, Dictionary, Boolean, Tuples & Set)
2. Comparison Operators
3. Loops and Conditional Statement
4. Functions
5. Key Libraries – Numpy, Pandas, Matplotlib, Seaborn,

Exploratory Data Analysis

1. Numpy (Numerical Python): Vectors and Matrix
2. Pandas
3. Data Mining

Capstone Projects

1. Microsoft Power Bi
2. Tableau
3. SQL
4. Python

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