

Data Analytics

Data types

Data Analytics Overview

Types of Data Analytics

Data cleansing and Imputation theory

Graphical techniques

Descriptive measures

Fundamental Statistics

Data types

Measure of Central tendency, Dispersion

Sampling

CI and Testing Hypothesis

Univariate, Bivariate and Multivariate relationship

Correlation and Regression

Excel

Data structure

Data Handling, Sorting, Formatting, Conditional Formatting

Analytical Functions

Table operations

Pivot table and Aggregation

Variance Analysis

What-if Analysis

Excel charts and add-on tools

SQL

Introduction to SQL

Foundation of Table

Queries and Manipulation

Aggregation

Joins and Functions

Handling subqueries with complex conditions

Visualisation tools

Power BI

Data upload and manipulation

Visualisation

Reports and Dashboards

Publish workbooks

Table relationship