

Fundamental Statistics

Data types

Measure of Central tendency, Dispersion

Sampling

CI and Testing Hypothesis

Univariate, Bivariate and Multivariate Relationship

Correlation and Regression

ANOVA

Data Science

What is Data Science

Predictive Modelling and Machine Learning

Natural Language Processing

Corner cases of Machine Learning

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

Python

Python Basics

Python Packages

Data Types

Data Manipulation – Operators, Loops, Functions

Python packages for

Data visualisation packages

Statistical packages

SQL

Introduction to SQL

Foundation of Table

Queries and Manipulation

Aggregation

Joins and Functions

Handling subqueries with complex conditions

Power BI

Data upload and manipulation

Visualisation

Reports and Dashboards

Publish workbooks

Table relationship