

PYTHON

- **Introduction to Python**
- **Data Types & Operations**
- **Conditionals and Loops**
- **Patterns & Functions**
- **Strings, List & 2D List**
- **Tuples, Dictionaries and sets**
- **NumPy & Pandas**
- **Matplotlib and seaborn**

Advanced Excel

- **Introduction to excel**
- **Custom number format**
- **Conditional formatting**
- **Data transformation options**
- **Formula and functions**
- **Pivot table**

POWER BI

- Introduction to BI
- Concepts of Data Warehouse
- Introduction to Power BI, Installation and Setup
- Working with Power Query Editor
- Working with Data Modelling
- Working with DAX
- Working with Visuals and Reports
- Working with Dynamic Function and parameters
- Working with Filters, Drill Up, Down and Through
- Working with Bookmark and Selection
- Working with Row level and Dynamic row level security
- Working with Power BI Services

SQL

- **SQL Introduction, installation and setup**
- **Introduction to Database and tables**
- **Working with SQL Normalization**
- **Data Types in SQL**
- **Working with SQL Commands, Constraints, Clauses, Joins**
- **Working with SubQuery , Temporary tables, Views, Stored Procedure**
- **Working with CTE and Derived Tables, Windows Functions**

BUSINESS STATISTICS

- **Introduction to statistics and its type**
- **Types of data**
- **Population and Sample & Sampling Techniques**
- **Statistical Data Analysis Steps**
- **Measures of Central Tendency**
- **Measures of Dispersion**
- **Graphical Representations**
- **Probability**
- **Inferential Statistics**
- **Confidence interval Types of test in statistics**