

## PYTHON

### COURSE CURRICULUM

#### Python Basics

- Introduction and Installation
- Arithmetic Operations
- Data Types

#### Data Structures

- Lists
- Tuples
- Sets

#### Data Structures

- Strings
- Dictionaries

#### Conditionals & Loops

- Conditional Statements
- While Loops

#### Conditionals & Loops

- For Loops
- Comprehensions

#### Functions and Patterns

- Functions
- Lambda Functions
- Patterns

#### OOP & File Handling

- OOP Concepts
- File Handling

#### Libraries

- NumPy
- Pandas
- Matplotlib
- Seaborn