## I/O Handling

- > Sending Output to STDOUT Using the print() Method
- > Reading Input with the input() Method
- Creating File Objects with the open() Method
- Controlling File Access Modes
- > Working with File Object Attributes
- > Closing File Objects with the close() Method
- Reading and Writing to File Objects with read() and write()
- > Using File Processing Functions from the OS Module

## Data Management

- > Best Practices for Data Management
- > Storing Data in Local Databases
- Discussing and Understanding the DB API
- Understanding and Using Common SQL Statements
- Connecting to a MY SQL/SQLite Database
- Using Cursors to interact with Data from a Database
- CRUD Operations
- > Implementing Error Handling with Database Connections
- > Transaction management

## GUI Programming, Numpy, Scipy, Pandas, and Matplotlib stack

- > Introduction
- > Tkinter programming
- Tkinter widgets
- > Machine Learning and Deep Learning
- Numpy,Scipy
- Pandas, Matplotlib
- Live Project
- > Assignments for Weekend