

# Python Full Stack Course

## Introduction to Programming in Python

- Python basics
- Data Types
- Control Statements
- Functions, Collections
- Exception Handling
- File Operations using Python
- Modules & Packages

## Object Oriented Programming

- Class, Objects, Methods, Variables
- Inheritance, Polymorphism, Encapsulation
- Abstraction and Abstract Classes

## Database Management Systems

- Basics of RDBMS - Keys, Normalization, Indexes, ACID, Constraints
- Basics of SQL Queries (DDL, DML, DQL)
- Using MySQL with the help of Python,

## Web Development Framework

- Flask Introduction
- Components of Flask
- Session Management
- Error Handling
- Basics of SQL Alchemy as ORM
- HTML, CSS