

10 hours Python training

Pre-requisites:

- Python version - 3.5 +
- Text Editor - Sublime text / VS Code (preferred)

Course and Duration outline:

Day 1: Python Basics

Introduction to Python

Basic Data Types

Arithmetic Operators & Assignment Operators

Type Casting

Input

Day 2: Python Basics contd..

String operations

String formatting

Conditional Statements

Iterative Statements

Day 3 - Day 4: Python Data Structures

List

Tuple

Set

Frozen set

Dictionary

List slicing

List Comprehension

Day 5: Python functional programming

Defining Functions

Default arguments

Positional & Keyword arguments

Day 8: Packages and modules

Package concept

Module concept

Day 9 - Day 10: Python Object Oriented Programming

Defining Class

Creating instances

Inheritance

Assignment #2

Day 11 - Day 12: File Handling

File operations

Regex

CSV file handling

Assignment #3

Day 13: Python Intermediate concepts

args, kwargs

Decorator

Day 14: Python builtin useful packages

Day 15: Recap & Final Assignment