



PYTHON

Course Content

Python

- Python has vast collection of libraries, frameworks that supports even data science research work as well as machine learning and

Prerequisites to Learn Python

- Anyone can Learn



Training from
Industrial Experts



Hands on
Practicals/ Projects



100% Placement
Assistance



24 x 7
Expert Support



Certification
of Completion



Free
Live Demo



We Provide



One To One
Training



Developer
Training



Faculty
Training



Corporate
Training



Onsite
Training



Online
Training



Weekend
Training



Workshop



Seminar



Crash
Course

Python Training Includes

- Theory & Practical Session
- Real-time Practice
- Exclusive Materials
- Course Completion Certificate
- Support



Python Introduction

- ✓ What is python?
- ✓ What can Python do?
- ✓ Features Of Python
- ✓ Installing Python
- ✓ Environment Setup For Python
- ✓ Hello World in python
- ✓ IDLE Tour

Python Fundamental

- ✓ Print statement
- ✓ What is Variable ?
- ✓ Declaring variables
- ✓ Changing variables values
- ✓ Single line variable declaration
- ✓ Assign same value to multiple variables
- ✓ Comments in Python

User Input

- ✓ Input / Output Functions
- ✓ Printing on screen
- ✓ Reading data from keyboard
- ✓ Typecasting

Operators in Python

- ✓ What is Operators?
- ✓ Types of Operators
- ✓ Arithmetic Operators
- ✓ Comparison operators
- ✓ Logical operators
- ✓ Assignment operators
- ✓ Membership Operators
- ✓ Identity Operators

Program Flow

- ✓ if Statement
- ✓ if...else Statement
- ✓ if...elif...else Statement
- ✓ Nested if statements
- ✓ While Loop Statements
- ✓ For Loop Statements
- ✓ Nested Loops Statements
- ✓ Loop with Else Statement
- ✓ The infinite loop
- ✓ The range() Function
- ✓ Break and Continue Statements

Python Data Types

- ✓ What is datatype?
- ✓ Types of Datatypes
- ✓ String Manipulation
- ✓ Numbers
- ✓ String
- ✓ List
- ✓ Tuple
- ✓ Dictionary
- ✓ Built-in Functions & Methods

Arrays in Python

- ✓ What is Array?
- ✓ How to create array?
- ✓ Accessing array elements
- ✓ How to slice arrays?
- ✓ Mutable array
- ✓ Concatenate Arrays
- ✓ Different methods of array

Functions in Python

- ✓ What is Function?
- ✓ How to declare function?
- ✓ Default function
- ✓ Parameterized Function
- ✓ Function with return Statement
- ✓ Function with multiple return Statement
- ✓ Default Arguments
- ✓ Keyword Arguments
- ✓ Variable-length Arguments
- ✓ Keyword Arguments
- ✓ Non Keyword Arguments
- ✓ Local & Global variables Scope
- ✓ Indentation
- ✓ Lambda Functions

File Handling in Python

- ✓ File objects and Modes of file operations
- ✓ Reading Files
- ✓ Writing & Appending to Files
- ✓ Different functions of files



OOP's Concept in Python

- ✓ Basics of OOPs
- ✓ Class in python
- ✓ What is class?
- ✓ How to define class?
- ✓ How to access class members?
- ✓ What is self?
- ✓ Python Constructors
- ✓ Inheritance in Python
- ✓ Types of Inheritance
- ✓ Polymorphism in Python
- ✓ Types of Polymorphism

Python Module

- ✓ What is Module ?
- ✓ Import Statement
- ✓ OS Module
- ✓ Math Module
- ✓ Random Module
- ✓ NumpyModule
- ✓ MatplotlibModule
- ✓ DateTimeModule
- ✓ JSON Module

GUI Programming

- ✓ Introduction
- ✓ Tkinter programming
- ✓ Tkinter widgets
- ✓ Various Example

Exception in Python

- ✓ What is Exception?
- ✓ Built-in Exceptions
- ✓ Try / Except / Else / Finally / Raise Keyword
- ✓ User-Defined Exceptions

Regular Expression

- ✓ What are regular expressions?
- ✓ The match Function
- ✓ The search Function
- ✓ Matching vs searching
- ✓ Search and Replace
- ✓ Extended Regular Expressions
- ✓ Wildcard

Database Connectivity

- ✓ Database Installation
- ✓ Database Connectivity
- ✓ Insert Record
- ✓ Fetch Data
- ✓ Update Delete



Get In Touch

FOR ANY DOUBTS OR QUESTIONS.
PLEASE FEEL FREE TO VISIT OUR
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