Python3 Scratch To Pro

This course will help you to grab the fundamentals of Python3 and implement in real life to solve problems.

This course is a part of Tech Neuron

What you'll learn

Introduction and installation of python

Introduction to python course
Python Installation
Pycharm Installation on Windows
Installation of python on MAC
Installing Pycharm in MAC
Using VSCode for python- optional

First interaction with python basics

Indents and commnets
take input from user and challenge
input challenge solution
getting started with variables in python
numbers and strings basics in python
Lists and tuples basics in python
Dictionary in python

Operations in Python

Arithmetic and comparison operators in python
Logical operations in python
Membership and identity operations in python

Conditionals and loops

Introduction to conditionals
Design a rating system in python
While - Getting started with loops in python
First step to read documentation
For loop in python
Break keyword in python loops
continue and pass keywords in python

Detail analysis of data types

Randomness in python
Using math library in python
String are powerful in python
Detail talk about lists in python
Tuples and dictionary talks in python

Functions Files and Exceptions

getting started with functions in python
Multiple arguments in python
lambda in python

design custom modules in python
Find the day assignment in python
Main method and file handling in python
Exception handling

Python challenges for fun

Prime number and challenges
range of prime numbers
finding factorials
Get matrix input and print it

Object Oriented programming in python

Introduction to class
objects and constructor in python
Getters and setters in python
Inheritance from Samsung to iphone
Method overriding in python

Database TODO App

Read sqlite3 documentation first
Database helper in sqlite3 part 1
databse helper file part 2
Debugging and finishing the app

Advance side of python

Iterator and generators in python
Maps and sets in python
All and any functions in python
Collections and deque

Handling API in Python

Requests and JSON handling in python
Get a unique user every time - Project

Course language: English

Price : Rs.25000/-

Instructor(s)

- Hitesh Choudhary

Course Features

- Course material
- Course resources
- On demand recorded videos
- Practical exercises
- Quizzes
- Assignments
- Course completion certificate

System Requirements

- System with Internet Connection
- Interest to learn
- Dedication