

Course Title: Full Stack Python and Python

Full Stack Python : Web Applications/Internet Applications

Module1: Python (Core Python and Adv Python)

Module2: Python for Data Science (Numpy, Pandas and Matplotlib)

Module3: Front End (HTML,CSS,JavaScript, Bootstrap,AngularJS)

Module4: BackEnd (Django,Falsk and RestAPI)

Module5: Databases (MySQL, MongoDB)

Module6: Tools (Git/GITHUB,Docker, Testing)

In Each module → Project

Python → Module-1+Module2

Interview Preparation:

- 1. HackRank**
- 2. Leetcode**
- 3. GeeksforGeeks**
- 4. CodeChef**

Full Stack Python → 3-4Months

Who can learn this course?

Anyone can learn this course

IT or Non IT, Graduate or Under Graduate

Specialization

Python+AWS+DevOPS

Python+Django+Flask → Web Developer

Python+DS

Python+AI+ML

Python+Webscraping

Python+Cyber Security

Python+Testing

Class Timings: 5:10pm to 6:50pm (Mon-Sat)

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Introduction to python

1. What is python?
2. Python History

3. Python Applications
4. Python Features
5. Python Software and Versions
6. Working with Python

What is python?

Python is a programming language.

Python is general purpose programming language, which is used for developing any type of application or software.

Python is high level programming language, all high level languages are in simple English.

Python is object oriented programming language. Object oriented is not a language, it is a programming paradigm.

“Python is a general purpose, high level and object oriented programming language”

History

Python language is conceived in the year 1980.

Development of python is started in the year 1989.

First version of python is released in the year 1991.

Python language is developed CWI Centrum Wiskunde & Informatica (**CWI**) is the national research institute for mathematics and computer science in the **Netherlands**.

Python language is developed in C language.

Python language is developed to overcome the drawbacks of ABC language.

Python language is developed by Dutch programmer “Guido Van Rossum”

Name “python” is taken from a comic series broadcasting in BBC “Monty Python’s Flying Circus”

Python language developed by using features of other programming languages.

1. C → Procedural Oriented Programming
2. C++ → Object Oriented Programming
3. Modula → Modular Programming
4. Perl → Scripting Language

Python is managed by non-profit organization called PSF (Python Software Foundation)

Python Applications

In real time python is used for developing which type of software's or applications.

1. Web Applications