

Course Outline

PYTHON

Duration	3 months
Cost	250,000 NGN

Description:

Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. It's no wonder it has been cited by many tech publications as "THE language to learn for modern software development"

This Python training course leads the students from the basics of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. Extra emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting as well as an introduction to Django (the most popular web development framework for Python).

Target Audience:

- Beginners who have never programmed before.
- Programmers switching languages to Python.

Requirements(s):

- A laptop (Mac or PC).
- Prior knowledge of another programming language would be an added advantage.

The course will cover:

- Introduction to Python
- Basic Python Syntax
- Language components
- Collections
- Functions
- Modules

- Exceptions
- Classes and Objects
- Input/Output
- Regular Expressions

Career Prospects:

- Python programmer
- Web Developer
- Data Scientist