![QuickStart - Over 35 Years Of Technology Training]

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Learning Style: On Demand

Provider:

Difficulty: Beginner

Course Duration: 9 Hours

Introduction to Python

About this Course:

This course designed to introduce you to the fundamentals of Python programming. Whether you're a complete beginner or looking to refresh your skills, this course covers essential concepts and practices, ensuring you build a strong foundation in Python. Through a series of lectures, you will learn about variables, operators, flow

control, compound data types, loops, functions, error handling, good practices, and object-oriented programming. Additionally, you will explore built-in modules and learn how to install Python on your system. By the end of this course, you'll be equipped with the knowledge and skills to write efficient Python code and solve real-world problems.

Course Objectives:

By the end of this course, students will be abe to

- Understand and apply basic programming concepts using Python.
- Develop the ability to write, test, and debug Python programs.
- Using Grid for page layouts
- Gain proficiency in using Python's standard libraries and built-in modules.

Audience:

- Aspiring programmers and software developers with little to no prior coding experience.
- Students and enthusiasts interested in learning Python for academic or personal projects.
- Professionals looking to enhance their skill set with Python programming knowledge.

Prerequisites:

- Basic computer literacy
- Access to a computer with internet connectivity for accessing course materials and running Python code.

Course Outline:

This Course Includes:

- Course Introduction
- Lecture 0: Familiarising with Colab
- Lecture 1: Variables
- Lecture 2: Operators
- Lecture 3: Flow Control
- Lecture 4: Compound Data Types
- Lecture 5: Loops
- Lecture 6: Functions
- Lecture 7: Error Handling
- Lecture 8: Docstrings and Best Practices
- Lecture 9: OOP - Part 1
- Lecture 10: OOP - Part 2
- Lecture 11: Built-in Modules
- Lecture 12: Python Installation
- Project File

- Course Summary

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