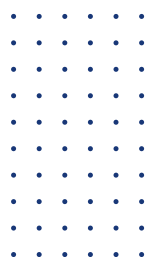


Certificate In Python Programming

Course Details



This course is your gateway to mastering Python, a versatile language used by professionals worldwide. Whether you're a coding novice or looking to expand your skill set, you'll gain a strong foundation in Python programming.

From understanding the basics to building interactive applications, this comprehensive course equips you with the knowledge and tools to tackle real-world challenges.

Get ready to embark on an exciting journey into the world of Python!

Syllabus & Skills covered (120 hours)

This course will provide a comprehensive introduction to Python programming. By the end of the course, you will be able to write Python programs to solve a variety of problems.

- Learn the basics of Python syntax, data types, operators, control flow, and functions and use Python's built-in data structures like lists, tuples, dictionaries, and sets.
- Work with text files, including reading, writing, and manipulating data.
- Learn the concepts of classes, objects, inheritance, polymorphism, and encapsulation.
- Write robust code that can handle errors gracefully.
- Organize your code into reusable modules and packages.
- Web Scraping- Extract data from websites using Python libraries.
- Connect to and interact with databases using Python.
- GUI Development: Create graphical user interfaces (GUIs) with Tkinter.

Career Opportunities

- **Python Developer**
- **Database Developer/ Administrator**
- **Web Developer**
- **Full-Stack Developer**
- **Data Scientist**
- **Machine Learning Engineer**



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