



PYTHON ADVANCED Course (File Processing)

In this course you will learn how to process different kinds of files and manipulate data in Python.

Course Overview

In this course you will learn how to process different kinds of files and manipulate data in Python.

You will learn how to interact with SQLite databases (the `sqlite3` module), create and process XML files (the `xml` module), read, write and process csv files (the `csv` module), create and process log messages from Python programs (the `logging` module), and manage configuration files (the `configparser` module).

What you'll learn

After the course you will be able to work with different kinds of data files from various sources, and use them in projects requiring data manipulation and file processing. The course will help you gain skills and knowledge required in data analysis, software development, and troubleshooting.

Course outline

- Python
- Computer Programming
- Algorithmic Thinking
- Analytical Thinking
- Design, Develop, Refactor, and Debug Multi-Module applications
- Best Practices and Python Coding Conventions
- Solutions Architecture
- Advanced Object-Oriented Programming
- GUI Programming
- Network Programming

Who should attend?

The course is suitable for individuals who want to learn or enhance their skills in file processing. It is beneficial for programmers, developers, data analysts, and anyone working with data stored in files. Additionally, individuals interested in automating file-related tasks or building applications that involve file handling can also benefit from the course.

Prerequisites

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The prerequisites may vary depending on the specific course, but typically a basic understanding of programming concepts and familiarity with a programming language such as Python, Java, or C++ is recommended. Some courses may require prior knowledge of file operations and data types. It is advisable to review the course details for specific prerequisites before enrolling.

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