

Python Automation Curriculum



Python Automation Training Topics

SQL Integration with Python

Exporting SQL query results to Excel using Python

Develop a script to connect to a database, execute queries, and save results to Excel

Automating File Processing

Google Drive API setup

Automating file downloads

Reading multiple file formats

Build a script to download files from Google Drive and process them into an Excel workbook

Data Automation and Workflow Building

Writing modular functions

Automating workflows

Error handling and logging

Create a workflow to automate processing files from Google Drive into a master Excel sheet

Class Project Objective:

Develop a Python application automating SQL queries and Google Drive file processing

Training Syllabus

Develop a Python application automating SQL queries and Google Drive file processing into a pre-built Excel report on a scheduled basis.



DATA TELLS A STORY. BE THE STORYTELLER