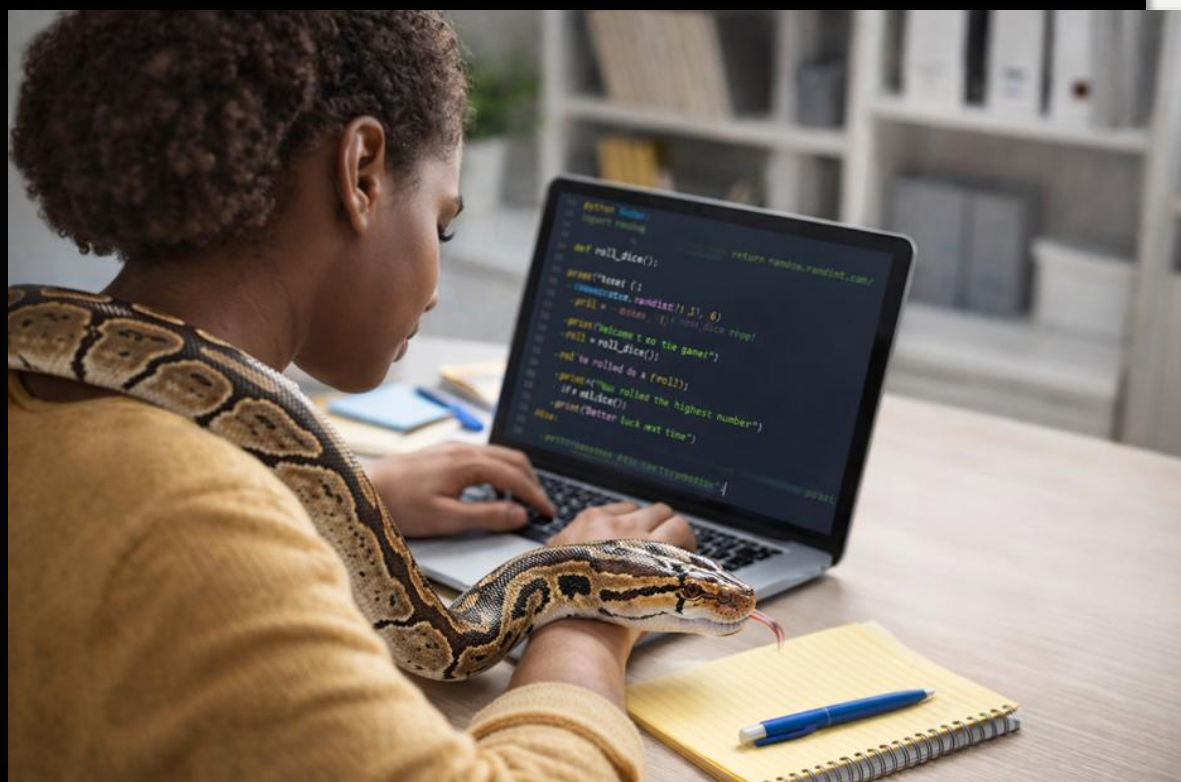


Excel vs. Python for Data Analysis Training Curriculum



What will the training cover?

The **4-hour** Excel vs. Python for Data Analysis Workshop is designed to show students how common data analysis tasks can be performed using both Excel and Python. Students will work with the same datasets in each tool to compare approaches for calculations, formulas, data manipulation, filtering, sorting, lookups, and analytical functions. Through hands-on exercises, students will gain introductory Python experience while building on familiar Excel concepts and learn when Excel may be the more practical choice versus when Python can provide greater efficiency.

By the end of the workshop, students will understand the key differences between Excel and Python for data analysis and how both tools can be used in real-world business environments.

Software Requirements

Office 365

Google Account

Prerequisites

No previous Python experience required

Basic Excel pivot tables skills

Training Topics

Analyze the same dataset using Excel and Python side by side

Write Python code to replicate common Excel data analysis tasks

Compare the efficiency of Excel and Python for different types of analysis

Determine when to use Excel vs. Python for real-world data analysis



DATA TELLS A STORY. BE THE STORYTELLER