

Introduction to using Python with Excel

Are you an Excel pro tired of repetitive tasks?

Do you dream of automating your spreadsheets and unlocking hidden insights?

Introducing Excel in Python: The Ultimate Power Couple!

Python takes your Excel skills to the next level:

- **Automate Mundane Tasks:** Say goodbye to endless copy-pasting and data entry. Python writes code that handles repetitive jobs in seconds.
- **Supercharge Your Analysis:** Uncover hidden trends and patterns with powerful Python libraries like Pandas and NumPy. Create dynamic charts and dazzling visualizations.
- **Level Up Your Efficiency:** Boost your productivity by integrating Python with Excel. Extract data, generate reports, and streamline your workflow.

Target audience

- **Business Analysts:** Simplify data analysis and create interactive dashboards.
- **Marketers:** Automate email campaigns and analyse customer behavior.
- **Finance Professionals:** Build complex financial models and automate data processing.
- **Anyone who wants to work smarter, not harder!**

Description

- In this beginner-friendly course, you will learn how to use Python with Excel in tandem to drastically improve your data crunching and analysis skills.
- You will combine the power of Python and Excel using openpxyl to create, manipulate, and present data.
- By the end of the course, you will be able to create spreadsheets, crunch data, and present information as charts and graphs solely using Python commands.
- Using Python for Excel is ideal for those who work closely with databases or large spreadsheets, or who are interested in learning more about data analytics.

Pre-requisites

The course only requires a basic understanding of Excel and doesn't require any previous Python or coding experience.

Duration

2 days

Course content:

- Download and install Python, Sublime Text, Git Bash, and Python openpxyl
- Create your first python program
- Use variables, print (), lists, tuples, and loops
- Create workbooks and worksheets using Python
- Read and open Excel files in Python
- Use Excel formulas in the Python terminal
- Manipulate data and spreadsheets using Python
- Format and style spreadsheets using Python
- Create basic and advanced charts and graphs
- Create and manipulate tables



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- Add images to Excel spreadsheets using Python