

MASTER YOUR DIGITAL SKILLS

Python in Excel

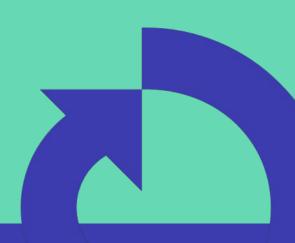
Data Analytics, data literacy & data driven decisions Workearly





COURSE OVERVIEW

This course provides a **comprehensive introduction to Python in Excel**, focusing on
integrating Python for data analysis and automation
within Excel. Participants will learn **how to use Python libraries, manipulate data, visualize insights, and automate repetitive tasks** to
improve efficiency and decision-making.





OUR GOALS

- 1. **Understand Python in Excel Fundamentals** Learn the basics of using Python within Excel and setting up your environment.
- Explore Python Libraries for Data Analysis Utilize NumPy, pandas, and Matplotlib to analyze and visualize data efficiently.
- 3. **Perform Data Manipulation and Automation** Learn techniques to clean, structure, and process data for automation.
- 4. **Develop Advanced Python Solutions** Implement automation workflows, handle large datasets, and apply case studies for real-world scenarios.

COURSE DESCRIPTION

This course provides a comprehensive introduction to Python in Excel, focusing on automating data analysis and visualization tasks. Participants will learn how to use Python libraries, manipulate and process data, generate insightful visualizations, and automate repetitive tasks to enhance productivity and efficiency.

- Introduction to Python in Excel –
 Setting up the environment and understanding Python fundamentals.
- Getting Started with Python
 Libraries Exploring NumPy,
 pandas, and Matplotlib for data analysis.
- Data Manipulations and Visualizations – Performing data cleaning, structuring, and visualization in Excel.
- Advanced Python Automation –
 Writing scripts for automation,
 handling large datasets, and
 streamlining workflows.
- Case Studies and Applications Implementing real-world scenarios for financial modeling, reporting, and forecasting.

COURSE INFO

Location	Workearly Platform
Date	Asynchronous
Duration	8 hours
Cost	Participation is fully funded by the European Union, under the Level Up Project





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This document was produced in the course of the Level Up project, which received funding from the Digital Europe Programme (DIGITAL) of the European Union under Grant Agreement no 101100679.

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