



Special Edition



Python in Excel: Foundations for Non-Coders



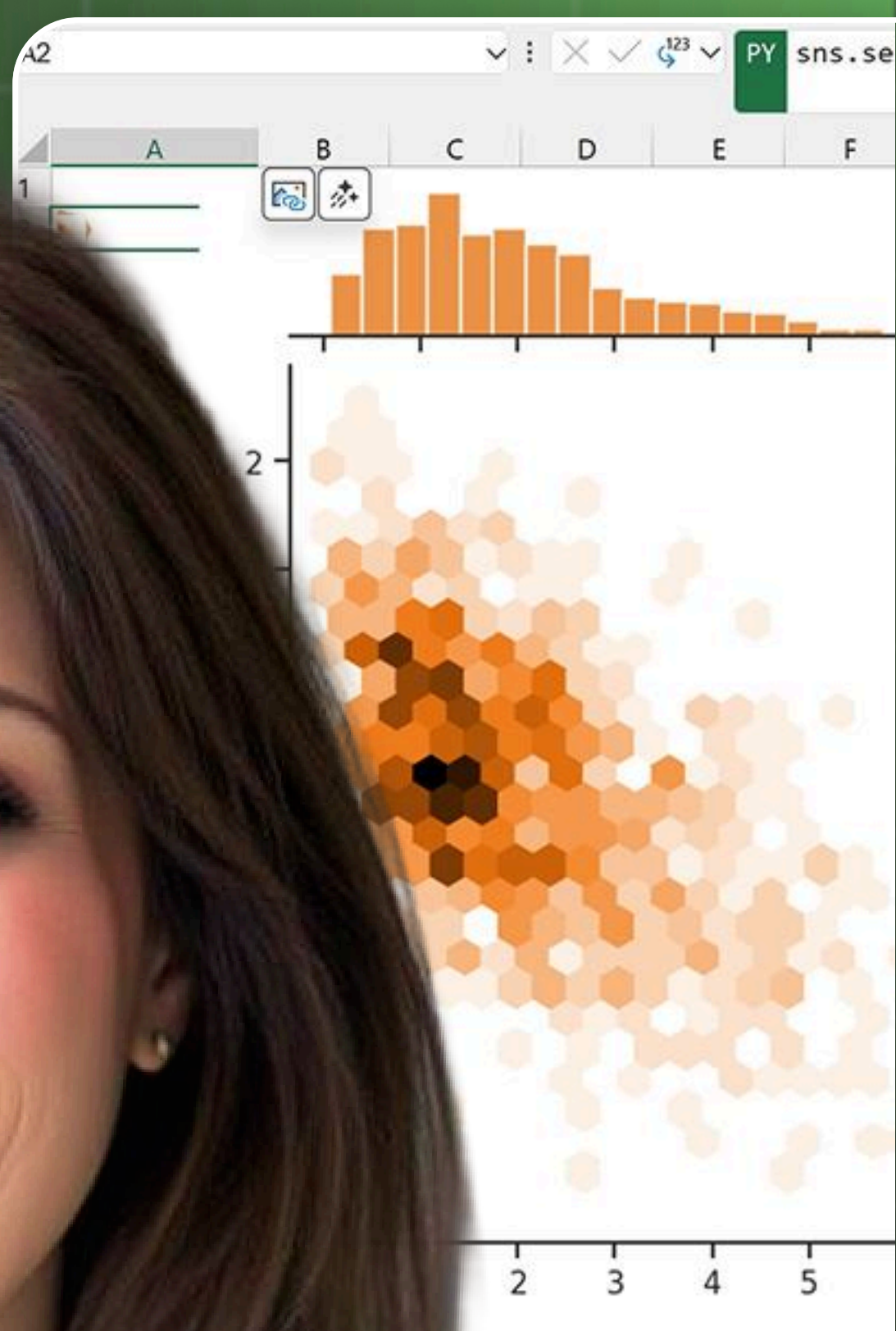
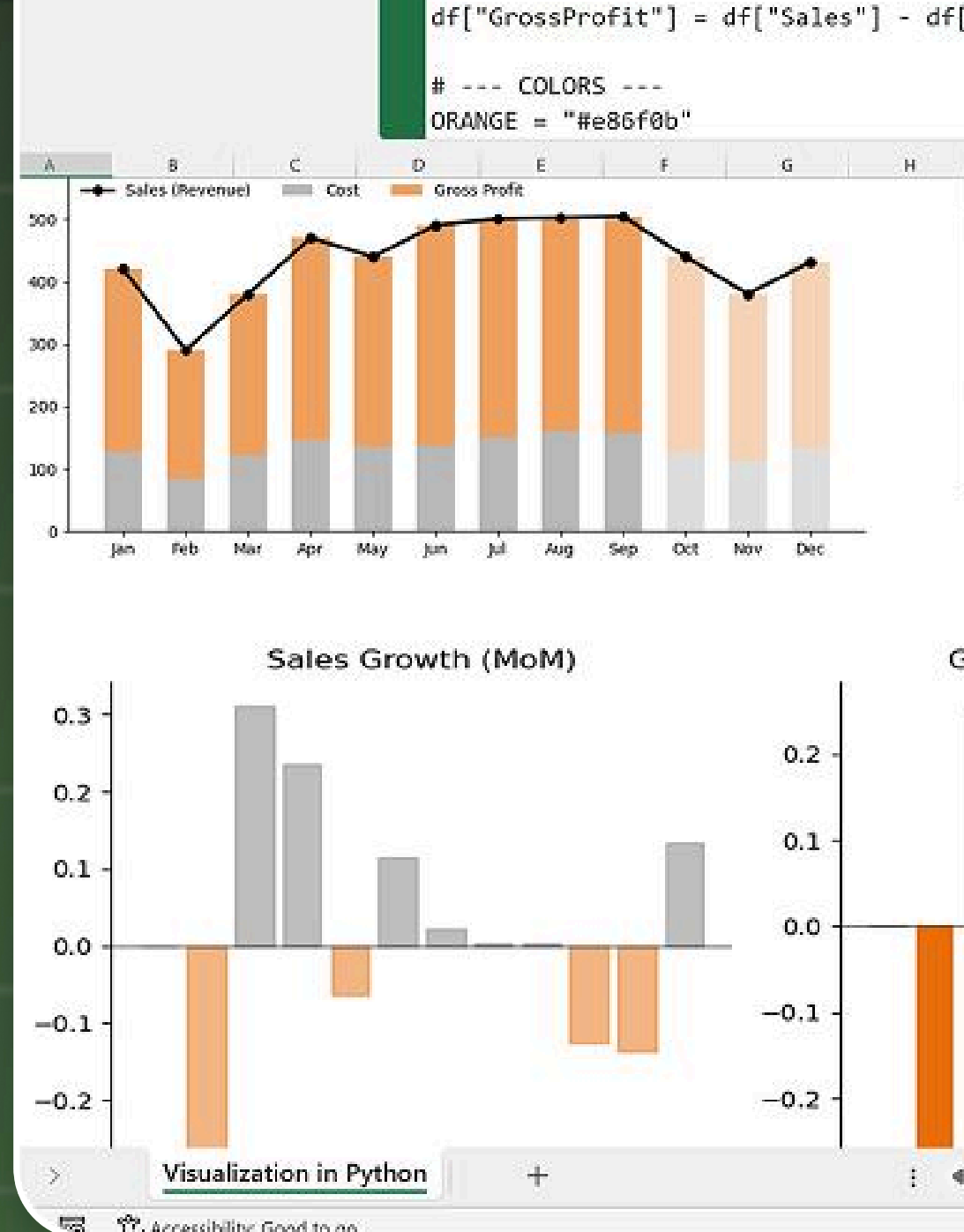
5-6 OCT 2026



CAROLINA LAGO



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Course outline

Overview

Python is now built into Excel and the analysts who learn to use it will pull ahead of those who don't.

This Masterclass combines the familiarity of Excel with the flexibility and speed of Python, so you can automate tasks, handle larger datasets, and create dynamic insights and visuals that go far beyond traditional spreadsheet limits.

Cut through the complexity and focus on the practical, real-world applications of Python in Excel without becoming a programmer. This is your chance to stay ahead of the curve and transform the way you work with data.

Learning outcomes

- ✓ **Master the essentials of Python in Excel** – understand how it integrates with formulas and complements tools like Power Query and VBA.
- ✓ **Automate and streamline your workflows** – use Python to handle repetitive analysis, large datasets, and performance-heavy calculations effortlessly.
- ✓ **Create richer insights and visuals** – build advanced analyses, reports, and visualizations that go beyond Excel's native capabilities.
- ✓ **Leverage Python's most powerful libraries** – including NumPy, Pandas, Matplotlib, and Seaborn
- ✓ **Build a complete project from scratch** – apply your new skills in a hands-on exercise that brings together data cleaning, analysis, and visualization.

Who is this course for?

This Masterclass is designed for professionals who use Excel regularly and are confident with its formulas, functions, and data tools. Building on participants' existing Excel skills, the course demonstrates how to integrate Python seamlessly to create faster, more powerful, and more flexible workflows.



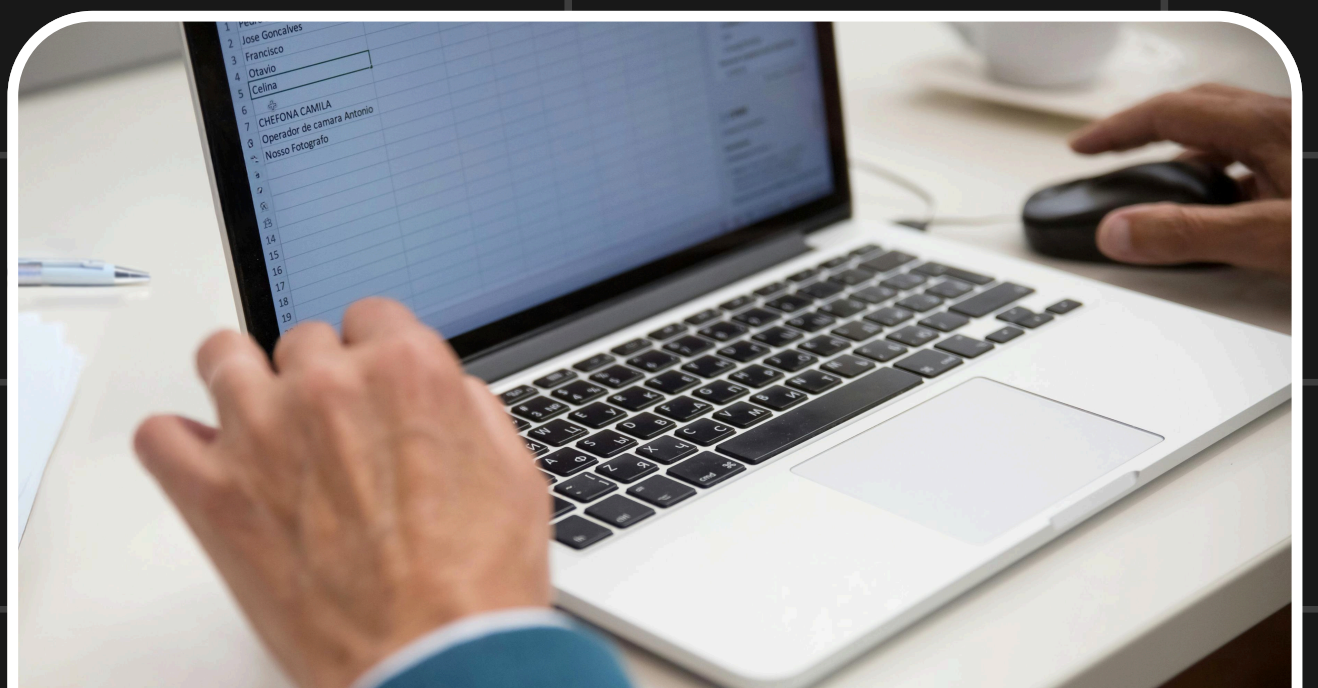
Data analysts and business professionals looking to modernize their Excel skills



Finance teams who want to automate and enhance reporting



Advanced Excel learners seeking to future-proof their analytical capabilities



Professionals working with large or complex datasets

Course contents

Module 1 — Why Python in Excel Is a Game Changer

- What Python in Excel actually is
- How it complements Excel (not replaces VBA or Power Query)
- The difference between Excel's "cell-by-cell" logic vs. Python's "object-oriented" thinking

Module 2 — Python Data Structures for Excel Users

- Everything in Python is an object
- Discuss `.index`, `.values`, and `.column`
- What's a **list**, a **dictionary**, and a **DataFrame** — and how they compare to Excel ranges/tables

Module 3 — Python Libraries

- What are libraries and why they matter
- Overview of **pandas**, **numpy**, **matplotlib**, **seaborn**, **statsmodels**
- Preloaded libraries
- Data importing (import pandas as pd)
- Finding help: documentation, examples, community
- How to use AI

Module 4 — Functions vs. Methods

- Overview of **function / method**
- Visual analogy: `=SUM(A1:A10)` vs. `df["Sales"].sum()`
- Syntax patterns and common mistakes
- Practical examples with DataFrames and Series

Module 5 — Applying It All

- Combining concepts: libraries + data structures + methods
- Mini workflow: clean data → summarize → visualize
- Practical examples, e.g. "Top 5 products by sales"
- Hands-on mini-project: Create a compact, end-to-end report with Python

*All modules include a Quick demo at the end.

Why choose this course?

What's included

- ✓ 6 hours online training with Carolina Lago
- ✓ All downloadable presentation and working files
- ✓ 5 hours of CPD (Continuing Professional Development) hours / points
- ✓ Certificate of attendance
- ✓ Access from anywhere, any time
- ✓ 100% money-back guarantee



I must say that this training has exceeded all my expectations.

The content was incredibly comprehensive. What truly set this training apart was the emphasis on practical application.

Vanessa, Controlling Director



She loves what she does!

For Carolina, sharing knowledge comes first. She loves what she does. You can see that in her documents. Simply good and easy to understand.

Klaus Schlesinger

About your trainer



Carolina Lago

Managing Director,
Tactic Financial



Carolina is the Managing Director at Tactic Financial, where she helps SMEs and finance professionals enhance their skills through corporate training and hands-on advisory services. With over 15 years of experience in Financial Planning & Analysis (FP&A) and a Master's degree in Accountancy specializing in Data Analytics, Carolina's expertise spans multiple industries and global locations.



Recognizing a gap in the market for flexible yet robust financial models, she developed the TACTIC Financial Modeling Framework, designed to create versatile and adaptable models with solid calculations. Carolina's multi-industry experience and strong academic background make her a strategic planner capable of interpreting data to drive actionable insights and business success.

Course pricing

£195

Early bird price
ends 31 Aug 2026

£299

Regular price
1 Sep - 4 Oct 2026

£585

Save additional 15%

Team of 3 discount

Pay by invoice

To pay by invoice, please contact Tea Kuseva at tea@globalexcelsummit.com.

We will send you an invoice which you can submit to your accounts payable system.

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