Python Coding in Excel 365

Use Python inside Excel 365 to clean data, analyse it and build charts and dashboards without leaving your workbook.

COURSE AT A GLANCE

Duration	30 hours
Level	Expert
Class time	Mon to Fri: 1 hour daily, or Sat and Sun: 2-hour classes
Batch size	1 to 3 students (one-to-one or small group)
Mode	Live online on Google Meet
Language	Hindi or English
Certificate	Yes, with real project work
Support	Phone and Google Meet doubt support
Demo	Free 3-4 day demo class

BENEFITS

- Add the power of Python to the Excel you already know
- Analyse data faster with Pandas
- Build advanced charts and dashboards

YOUR GOAL

Combine Excel and Python for faster, smarter analysis.

WHO SHOULD LEARN

Advanced Excel users who want to add Python.

HOW IT IS TAUGHT

Live on Google Meet by Sujeet Sir in Hindi or English, with real company examples, projects, a certificate and doubt support on phone after the course.

COURSE OUTLINE

Module 1 - Introduction to Python in Excel

What is Python in Excel (Microsoft 365), use cases, setting up Excel for Python (Excel Labs, Anaconda or xlwings).

Module 2 - Python basics for Excel users

Variables, data types and operators, conditional logic, loops, functions and lambda expressions, lists, tuples and dictionaries.

Module 3 - Working with Excel data

Reading and writing Excel files, DataFrames and Excel tables, accessing cell values, ranges and sheets.

Module 4 - Data cleaning and analysis

Missing values, filtering and sorting, grouping and summarising, merging and joining tables, date and time functions.

Module 5 - Data visualisation

Line, bar and pie charts with matplotlib and seaborn, embedding plots in sheets, styling charts, exporting plots.

Module 6 - Excel automation using Python

Automating reports and formatting, sending e-mails with Excel attachments, scheduling tasks, working with Excel formulas.

Module 7 - Advanced Excel-Python integration

Interactive dashboards, custom Python functions in cells, buttons that run Python scripts, Office Scripts (bonus).

Module 8 - Real-world projects

Sales dashboard, inventory management system, Excel reporting tool with auto-mailing, forecasting and prediction (basic machine learning).

Module 9 - Sharing and deployment

Protecting files with embedded Python, exporting solutions to clients, sharing via OneDrive and SharePoint, Power BI integration (optional).

Final assessment and certificate

Capstone project, Q and A, viva, feedback and certification.

YOUR TRAINER

Mr. Sujit Kumar Singh (MCA), MIS & Data Analyst
Excel, VBA, Power BI, SQL and Python trainer with 21+ years of experience. Worked as an MIS Executive and VBA Developer in 10+ companies and is a report consultant for 40+ organizations. Founder of IPT Excel School (2007), one of the first institutes offering live online Advanced Excel and MIS training. YouTube: Sujeet Kumar Advanced Excel Training in Hindi.

Join a free 3-4 day demo class. Call or WhatsApp Sujeet Sir on +91 88025 79388 and book your batch. Live online on Google Meet, in Hindi or English.