



AI-Powered Excel workshops

Overview

In a time when artificial intelligence (AI) is redefining analytics, mastering its integration with common tools like Microsoft Excel is a competitive advantage.

This one-day workshop is designed to fill this skill gap, ushering you into the world of "AI-powered Excel" to enhance traditional Excel functionalities for modern analytics. Covering the statistical core of AI to effective prompt engineering practices, your team will be well-poised to leverage this groundbreaking technology directly from your Excel spreadsheets.

Workshop benefits

As part of this workshop, your team will be able to:

- Explore the statistical foundations of AI, and why they matter for spreadsheet analytics
- Speed up data import, processing and analysis steps
- Properly code and structure data for use with AI algorithms
- Create safe, efficient, powerful generative AI prompts

At a glance:

- One-day Excel for AI workshop
- Up to 20 in-person or 35 online participants

What you'll get:

- Approximately six hours of hands-on, demo-driven instruction
- Step-by-step demo notes and handouts
- Supplemental video content



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What makes this workshop different

I know there are lots of places to learn Excel these days. What distinguishes this workshop is that it's:

- **Participative.** The quicker you apply what you learn, the more likely you are to retain it. This is literally a hands-on workshop where attendees will have plenty of time on the keyboard to try the concepts out for themselves with demos, activities and more.
- **Authoritative.** The workshop is designed and led by me, George Mount. I run my own analytics consultancy and am both an author with O'Reilly Media and Microsoft MVP.
- **Topical.** No fake, boring data sources and examples here. Upon request, I will design the workshop to use data from your own organization or industry. In any case, I'll use a variety of real world and fun datasets.

Due to their hands-on and participative nature, sessions work best for groups of up to 20 in-person or 35 online participants.

Elements of AI-Powered Excel

- Using pattern recognition to create formulas and derived columns by example
- Automated data analysis and visualization workflows
- Creating effective prompts to automate, explore and debug the data analysis process



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Who should attend

This workshop is designed for anyone who wants to make the most of their data using next-generation features. Typical job titles who could particularly benefit include:

- Data analysts
- Financial analysts
- Marketing coordinators
- Accountants
- Controllers
- Operations analysts

Ideally, attendees will have some familiarity with intermediate Excel topics such as PivotTables or lookup functions such as VLOOKUP() or XLOOKUP().

There is no coding experience required to attend this workshop.

About your instructor

- George Mount,
founder of Stringfest
Analytics
- Author of *Advancing
into Analytics*
(O'Reilly Media,
2021)
- Awarded Microsoft's
Most Valuable
Professional (MVP)
award for technical
excellence &
community
contributions



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Agenda

This is an example of what might be covered in the workshop. Each section includes both instructor demonstrations and time for learner exercises.

- **AI-driven data manipulation:** Starting with the basics of Flash Fill, you'll understand how to harness AI for maximum potential in pattern recognition for data manipulation.
- **Advanced data entry and forecasting:** Learn how to import, contextualize, and build forecasts with your data.
- **AI-powered data analysis:** Learn how to structure and represent your data for maximum potential with AI-driven insights, visualizations and summaries.
- **Copilot and the future of Excel:** Get the most of prompt engineering along with how to quickly and safely get the most of generative AI.

Software

requirements

- For best results, please have the desktop version of Excel for Windows 365 installed.
- Please also have access to either ChatGPT or Bing Chat for generative AI exercises
- I'll work with your team to test the setup ahead of time.



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Get started

Ready to get the most of AI-powered Excel?

Drop me a line at <https://stringfestanalytics.com/contact/> and I'll be in touch shortly to get started. To help me get an accurate proposal to you quickly, please let me know the number of participants you expect, your preference for online vs onsite, whether you have custom datasets you'd like to feature or any special requests.

I look forward on build your team's analytics talent with Excel together.



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