

Streamline your spreadsheets like never before in Prompt-Generated Excel Macros & Functions, a hands-on course that shows you how to use ChatGPT to build advanced Excel solutions without writing code from scratch. You'll learn how to turn simple prompts into fully working macros, user-defined functions, and multi-layered formula structures—tailored to your data, your needs, and your logic. First, we'll show you how to prompt ChatGPT to generate VBA macros that automate everyday tasks, like formatting, filtering, and protecting worksheets—saving time and eliminating repetition. Then we'll move into creating custom user-defined functions (UDFs), where you describe a calculation or rule Excel doesn't natively support, and ChatGPT writes a reusable formula function using VBA. Finally, we'll explore how to prompt ChatGPT to generate powerful Excel formulas, from basic arithmetic to deeply nested logic, combining multiple functions for advanced analysis and reporting. You'll also learn how to structure your prompts for accuracy, how to troubleshoot and refine ChatGPT's responses, and how to turn creative ideas into practical spreadsheet tools—fast. Whether you're a spreadsheet beginner or an Excel power user, this course transforms ChatGPT into your personal macro writer, formula builder, and automation partner—no coding experience required.

INTRO TO PROMPT-BASED EXCEL AUTOMATION

- Understand how ChatGPT creates macros and formulas from text
- Learn how VBA integrates with Excel's interface and actions
- Explore real examples of transforming prompts into productivity

AUTOMATING COMMON EXCEL TASKS WITH MACROS

- Prompt ChatGPT to write macros for sorting, filtering, and cleaning
- Automate formatting, sheet protection, print layout, and more
- Create templates that apply consistent logic across files

BUILDING CUSTOM MACROS THAT EXCEL DOESN'T OFFER

- Describe features you wish Excel had—and generate them
- Build tools for repetitive processes that Excel doesn't handle natively
- Trigger custom routines with buttons, menus, or keyboard shortcuts

GENERATING POWERFUL EXCEL FORMULAS WITH PROMPTS

- Describe your worksheet, data layout, and desired calculation outcome
- Let ChatGPT build arithmetic formulas or functions with correct syntax
- Create nested functions for advanced needs—using ChatGPT prompts
- Solve business logic scenarios with fast, reliable calculations
- Using formatting shortcuts to maintain consistency

CREATING USER-DEFINED FUNCTIONS (UDFs) WITH VBA

- Learn how to prompt ChatGPT to create reusable UDFs
- Build custom calculation logic beyond Excel's standard functions
- Add advanced functions to your formula library without coding

WRITING BETTER PROMPTS FOR EXCEL ACCURACY

- Structure prompts that lead to clean, working code
- Add context, sample data, and expected outputs for precision
- Practice refining and troubleshooting prompts for smarter results