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OpenAI ChatGPT
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Prompt-Generated Excel Macros & Functions

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Streamline your spreadsheets like never before with Prompt-Generated Excel Macros & Functions, a practical course that teaches you how to harness ChatGPT to automate, calculate, and build smarter solutions in Excel—without writing code from scratch. You'll learn how to describe what you want in plain language and get fully working VBA macros and formulas in return. Whether you need to clean data, apply custom logic, generate advanced calculations, or build your own Excel tools, this course equips you to create them faster, more accurately, and without relying on Excel's built-in limitations. From automating simple tasks to designing entirely new spreadsheet functions, ChatGPT becomes your Excel development assistant—on call and ready to help.

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