



MASTERPATH SDN BHD
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EXCEL VBA & MACRO AUTOMATION WITH AI

(2 DAYS)

Normal Fee : RM 2800 PER PAX

Early Bird Fee : RM 1900 PER PAX

Group Fee : RM 2050 PER PAX

(Min 3 PAX)

- Understanding Macros and VBA Basics
- Variables, Ranges & User Interaction
- AI-Powered Code Writing & Debugging
- Building Reusable Macro Tools & Interfaces
- AI Tools for Advanced Macro Building

REGISTER NOW



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TRAINER: CLARA TAN CHAI FENG

6 years of extensive experience in Microsoft Excel, AI and Data Analytics, worked with more than 30 brands



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COURSE OVERVIEW

This course empowers Excel users to automate repetitive tasks using VBA and Macros, while integrating AI tools to write, fix, and enhance code. From formatting reports to exporting sheets and batch processing files, participants will learn how to record, edit, and deploy reusable macro tools—supported by ChatGPT, Claude, and Microsoft Copilot for real-time assistance.

LEARNING OUTCOMES

- Automate Excel tasks using Macros and VBA scripting
- Record, modify, and assign macros to buttons or events
- Use AI tools to generate, explain, and troubleshoot VBA code
- Build reusable tools for exporting, reporting, and formatting
- Work with multiple sheets, files, and user inputs
- Design user interfaces (forms/buttons) for non-technical users

COURSE CONTENT

- UNDERSTANDING MACROS AND VBA BASICS
- EXPLORING THE VBA EDITOR
- VARIABLES, RANGES & USER INTERACTION
- LOOPS AND LOGIC
- AI-POWERED CODE WRITING & DEBUGGING
- EXPORTING & SAVING WORKSHEETS WITH VBA
- MULTI-SHEET AUTOMATION
- FILE HANDLING & FOLDER OPERATIONS
- ERROR HANDLING & CODE OPTIMIZATION
- BUILDING REUSABLE MACRO TOOLS & INTERFACES