

Advanced Excel & Automation Course

Lesson 1: The Fundamentals (Building the Bedrock)

- * Dynamic Tables: Mastering structured references so your formulas and charts update automatically.
- * Advanced Data Validation: Creating 'dummy-proof' sheets using dependent drop-down lists.
- * Conditional Formatting Logic: Using formula-driven rules to create automated visual alerts.
- * The 'Clean Data' Mindset: Learning data normalization rules for efficient Pivot Table analysis.

Lesson 2: Advanced Functions (The Office 365 Revolution)

- * The X-Factor: Mastering XLOOKUP and XMATCH - the faster, more flexible successors to VLOOKUP.
- * Dynamic Arrays: Using FILTER, SORT, UNIQUE, and SEQUENCE to create dynamic, auto-spilling reports.
- * Efficiency Logic: Utilizing the LET function to store intermediate calculations and speed up workbooks.
- * Custom Functions: Using LAMBDA to turn complex formulas into reusable, named functions.

Lesson 3: VBA and Macros (The Automation Engine)

- * VBA Environment: Navigating the Visual Basic Editor (VBE) and writing custom automation scripts.
- * Core Programming Logic: Using Loops (For Each, Do While) and If-Then logic to automate repetitive tasks.
- * User Forms & Controls: Adding professional buttons and custom pop-up windows for user interaction.
- * Event-Driven Automation: Programming Excel to act automatically when a workbook opens, closes, or changes.