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7th Edition

Microsoft® 365  
**Excel VBA**  
**Programming**

for  
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Save time and reduce errors  
automating Excel with VBA

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Copilot AI

**Dick Kusleika**



# Microsoft® 365 Excel® VBA Programming

for  
**dummies**®  
A Wiley Brand





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7th Edition

by Dick Kusleika

for  
**dummies**®  
A Wiley Brand

## Microsoft® 365 Excel® VBA Programming For Dummies®, 7th Edition

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# Introduction

---

**W**elcome, prospective Excel programmer. . . .

You no doubt have your reasons for picking up a book on VBA programming. Maybe you got a new job (congratulations!). Maybe you're trying to automate some of the repetitive data-crunching tasks you have to do. Maybe you're just a nerd at heart. Whatever the reason, thank you for choosing this book.

Inside, you find everything you need to get up and running with VBA — fast. Even if you don't have the foggiest idea of what programming is all about, this book can help. Unlike most programming books, this one is filled with information designed to include just what you need to know to quickly ramp your VBA programming skill set.

## About This Book

---

Go to any large bookstore (in person or online) and you'll find many Excel books. A quick overview can help you decide whether this book is truly right for you. This book

- » Is designed for intermediate to advanced Excel users who want to get up to speed with Visual Basic for Applications (VBA) programming
- » Requires no previous programming experience
- » Covers the most commonly used commands
- » Is appropriate for recent versions of Excel
- » Just might make you crack a smile occasionally

If you're using an older version of Excel, this book *might* be okay, but some things have changed. You'd probably be better off with one of the preceding editions of this book.

Oh, yeah — this is *not* an introductory Excel book. If you're looking for a general-purpose Excel book, check out either of the following books, both published by Wiley:

- »» *Microsoft 365 Excel For Dummies*, by David Ringstrom
- »» *Microsoft Excel 365 Bible*, by Michael Alexander and Dick Kusleika

These books are also available in editions for earlier versions of Excel.

Notice that the title of this book isn't *The Complete Guide to Microsoft 365 Excel VBA Programming For Dummies*. This book doesn't cover all aspects of Excel programming — but then again, you probably don't want to know *everything* about this topic.

If you consume this book and find that you're hungry for a more comprehensive Excel programming book, you might try *Excel 2019 Power Programming with VBA*, also published by Wiley. And yes, editions for older versions of Excel are also available.

To make the content more accessible, I divided this book into seven parts:

- »» Part 1: Starting Excel VBA Programming
- »» Part 2: Using VBA with Excel
- »» Part 3: Creating Code Automatically
- »» Part 4: Programming Concepts
- »» Part 5: Communicating with Your Users
- »» Part 6: Putting It All Together
- »» Part 7: The Part of Tens

## Typographical conventions

Sometimes I refer to key combinations — which means you hold down one key while you press another. For example, Ctrl+Z means you hold down the Ctrl key while you press Z.

For menu commands, I use a distinctive character to separate items on the Ribbon or menu. For example, you use the following command to create a named range in a worksheet:

Formulas ⇨ Defined Names ⇨ Define Name