Programming and Data Wrangling with VBA and Microsoft Excel 365

Price: 1350

Duration: 3 days

Delivery Methods: Virtual

Overview

VBA (Visual Basic for Applications) enables you to enhance and extend the capabilities of Microsoft® Excel® and other applications in the Microsoft® Office application suite. Regardless of the Excel version (e.g. Excel 2013, Excel 2016, Excel 2019), you can use VBA to perform tasks that would be difficult or impossible to do using only worksheet functions, and you can automate a wide range of tasks involving the collection, processing, analysis, and visualization of data. This course will give you a good foundation for understanding, creating, and using VBA in your own Excel workbooks, show you how to work with data across different applications, and how to package the macros and functions you create so you can back them up, move them to other computers, and share them with other users.

Audience Profile

This course is primarily designed for students who want to gain the skills necessary to use VBA to automate tasks in Excel such as collecting data from external sources, cleaning, and manipulating data. The target student may also want to learn how to create custom worksheet functions to streamline worksheet formulas and make complex worksheets easier to support, maintain, and understand.

At Course Completion

In this course, you will develop and deploy VBA modules to solve business problems. You will:

- Identify general components of VBA and their appropriate use in solving business solutions.

- Record VBA macros to automate repetitive tasks.
- Use reference tools built into Excel to get help on VBA programming language and objects used in the Excel VBA environment.
- Write VBA code to create a custom worksheet function.
- Eliminate, avoid, or handle errors in VBA code, and optimize its performance.
- Control how and when macros run.
- Develop UserForm objects to create custom dialog boxes and windows.
- Use VBA to read and write data from local files and cloud services.
- Use VBA to clean and transform data.
- Run programs and commands outside of Excel and share VBA projects with other users.

Outline

Lesson 1: **Using VBA to Solve Business Problems**

Lesson 2: **Automating Repetitive Tasks**

Lesson 3: **Getting Help on VBA**

Lesson 4: **Creating Custom Worksheet Functions**

Lesson 5: **Improving Your VBA Code**

Lesson 6: **Controlling How and When Macros Run**

Lesson 7: **Developing Custom Forms**

Lesson 8: **Using VBA to Work with Files**

Lesson 9: **Using VBA to Clean and Transform Data**

Lesson 10: **Extending the Programming Environment Beyond the Workbook**

Prerequisites

To ensure your success in this course, you should be an experienced Excel user who is comfortable creating and working with Excel workbooks, including tasks such as entering worksheet formulas, using absolute and relative addressing, formatting cells, and creating pivot tables and charts. This level of skill could be acquired by taking the Microsoft Excel for Office 365™ (Desktop or Online) courses, Parts 1, 2, and 3.

Course Schedule

Date	Time	Price	Options

Why Professional Choose TOPTALENT?

Dedicated Texas-Based Support

Get assistance every step of the way from our **Texas-based team**, ensuring your training experience is hassle-free and aligned with your goals.

3000+ Curated Professional Courses

Access an extensive portfolio of over 3000 courses across IT, Business Application and Leadership – Designed to meet evolving Industry demands

95% Client Approval Rating

Trusted by professionals nationwide our 95% approval rating reflects consistent quality, measurable impact and exceptional service.

Certified Industry Instructor

Learn from professionaly certified experts with real world experience and a proven commitment to learner success.

For questions

call:

(469) 721-6100

Email:

info@toptalentlearning.com

Find More Training

FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.