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This VBA for Access training course is designed for experienced users of Access' advanced features, who wish to extend their knowledge to include the use of Visual Basic for Applications (VBA) within Access.

Prerequisites

This course is for those who possess and advanced understanding of Microsoft Access and are looking to expand their knowledge even further. Ideally, the delegate will have some knowledge of macros in relation to Office applications.

Course Objectives

After attending this VBA for Access course, delegates will be able to:

- Use VBA for Access for advanced automation features
- Write and understand Visual Basic code
- Use VBA to manipulate and edit a database

Where Code is stored

- Standard modules
- Class modules

Development Environment

- Adding Code to a Form or Report
- Types of Procedures
- Entering Code

Running Code

- Run mode and Design mode
- Running Code from the development environment
- Running Code from the host application

Reusing Code

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Using VB for Applications Using Variables

- Lifetime and scope of variables
- Using and writing sub-procedures
- Using and writing Function procedure

Controlling Programme flow

- Conditional structures
- Looping structures
- Trapping errors

Debugging

- Using the break mode
- Using the VB Editor debug features

Using Standard VB

- Input Boxes
- Message Boxes
- Standard VB Functions
- Functions in your Code

Access Object Module Forms and Form Events

- Reports and Report Events
- Creating a Workspace Using the Microsoft Jet Engine
- Retrieving a Recordset
- Navigating Records
- Updating Records
- Adding Records
- Querying Data

Using VB

- Using VB Objects, Methods and Properties to manipulate, read, edit and update data in a Database

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