RARE IT

Microsoft Access VBA Introduction - 2 Day

Target Audience
Aimed at the more experienced Access users, this course is designed to give delegates a thorough overview of programming within the Access environment, providing the knowledge to improve the functionality of their Access databases, whilst providing a useful introduction to programming using VBA techniques.

The following will be covered:

Introduction to VBA
- Introduction to Programming in Access
- The Development Environment
- VBA language concepts
- Using Visual Basic Help.

Working with Procedures and Functions
- Creating a Module
- Working with the Code Editor
- Properties, Methods & Events
- Creating a Sub Procedure
- Calling Procedures
- Using the Immediate Window
- Creating a Function Procedure
- The Access Object Hierarchy
- Understanding Collections
- Using the Object Browser
- Working with the Application Object
- Understanding the Form Object
- Using the With Statement
- Understanding the DoCmd Object.

Constants, Variables, & Functions
- Declaring Variables
- Understanding Data Types
- Variable Scope with Lifetime
- Using Intrinsic Functions
- Understanding Constants
- Using Intrinsic Constants
- Using Message Boxes
- Using Input Boxes.

Decisions
- Understanding Control Structures
- Working with Boolean Expressions
- If - End If Decision Structures
- Select Case Structures
- Using the For - Next Loops
- Using the For - Each Loops
- Using the Do – Until Loops.

Working with Recordsets
- Declaring and Creating Object Variables
- Working with the ADODB Recordset.

Object
- Specifying a Recordset Cursor Type
- Locking Records for Updating.

Debugging Code
- Understanding Errors
- Using Debugging Tools
- Setting Breakpoints
- Setting Breaks
- Using Break Mode during Run Mode
- Stepping through Code.

Handling Errors
- Understanding Error Handling
- VBA's Error Trapping Options
- Trapping Errors with the On Error.

Statement
- Understanding the Err Object
- Writing an Error-Handling Routine.

INVESTOR IN PEOPLE