

Microsoft Access VBA Introduction

Overview

The skills and knowledge acquired in Microsoft Access VBA Introduction are sufficient to be able to use and operate the software at an efficient level.

Target Audience

Microsoft Access VBA Introduction is designed for users who are keen to extend their understanding and knowledge of the software.

Pre-requisites

Microsoft Access VBA Introduction assumes the delegate has completed the Access Fundamentals and Access Specialised courses or has equivalent knowledge.

Objectives

At the completion of Microsoft Access VBA Introduction you should be able to:

- Work with objects
- Use the Object Browser
- Identify collection objects
- Use the Controls collection.
- Manipulate data by declaring variables
- Combine data by using expressions
- Get user input
- Create Sub and Function procedures, and call one procedure from another.
- Use decision structures and loop structures.
- Identify Activex Data Objects (ADO) architecture and collections, connect to a database, work with a recordset, and create a parameter query.
- Identify compile-time, run-time, and logical errors
- Use the debugging tools
- Write error-handling code

Course Duration: 2 days

Course Code: AVBA

Topics

Create powerful applications

- Objects, Properties and Methods
- Synchronising Forms
- Storing Return Values

Learn basic programming structures

- Working with Modules
- Creating Sub Procedures
- Calling Sub Procedures

Work with conditional statements and loops

- The If Statement
- The Do Command
- Looping

Create custom message boxes

- Evaluating a Message box
- Responding to User Selections

Create Custom functions

- Using Built-in Functions
- Creating Custom Functions
- Calling Function Procedures

Interact with Excel or Word

- Opening Other Applications
- Destroying Object Variables
- Adding Data

Write error-handling code

- Stepping Through Code
- Using the Intermediate Window
- Setting a Watch on a Variable

Validating User Input

- Checking for Null Values
- Offering Choices