



Modelling Professional Series

Introduction to VBA
programming in Excel

Deloitte Modelling Professional Series

 <p>Deloitte offers comprehensive training on developing high quality, robust models using Microsoft Excel.</p>	<p>From best practice modelling principles to in-depth project finance modelling methodology, we can provide the training you need to bolster your financial and economic modelling prowess.</p> 
 <p>Whether you need to understand existing models within your organisation, improve and enhance those models or develop robust models from first principles, we can provide the training to elevate your quantitative analysis of business decisions.</p>	<p>Leveraging our experience providing modelling solutions to a range of clients across a broad industry spectrum, we understand the techniques and insights required to support complex business decision-making.</p> 

Courses on offer include		
Modelling best practice principles and application	A practical guide to building versatile financial models	A practical guide to building versatile operational models
Financing of transactions	Project finance	Introduction to VBA programming in Excel



Hands on Learning
 Learning is optimised through a hands-on approach. Get ready to roll up your sleeves as our classes include exercises and case studies—and you can take home the exercises and answers for future reference!



Tailored Content
 Have a specific question or problem? Bring it to class, we will workshop the answer so that you not only have a solution but can see how we apply our modelling expertise. For group bookings, content can be tailored to meet your organisation's needs.



Small Group Sizes
 Our small classes allow the trainers to provide individual support throughout the class. Our expert trainer is assisted by another Deloitte modelling specialist who acts as a floater, allowing one on one help throughout the session.



Local Experts
 With modelling specialists in 7 different locations across Australia, our training team are able to meet local training needs. Contact us to find out how your local representative can meet your needs.



Passionate Team
 We are passionate about enhancing our clients' ability to make business decisions and our enthusiasm is infectious. Deloitte Business Modelling is a market leader in the development and review of Excel-based financial and economic models.

Introduction to VBA Programming in Excel



Who is this course for?

Individuals who use Microsoft Excel regularly but wish to enhance or streamline their models by including macros to automate processes.



Pre-requisites: Participants should have an intermediate level of knowledge of Microsoft Excel functionality.

What will we cover?

Day 1	Day 2
<ul style="list-style-type: none"> • Introduction to VBA: <ul style="list-style-type: none"> – Key capabilities – Modules vs Routines vs Functions – Variable Types. • Overview of Visual Basic Editor: <ul style="list-style-type: none"> – Essential tools – Navigation – Keyboard shortcuts. • Recorded and editing macros • Building macros from scratch: <ul style="list-style-type: none"> – Layout – Create and declare variables – ‘Object-oriented’ programming – Understanding and using loops – Editing code. • Procedures: Event procedures, functions and sub-procedures • Building and using forms • Common applications of VBA in Excel, e.g. disclaimers, printing, automated data manipulation, conversion and cleansing • Error handling and debugging techniques. 	<ul style="list-style-type: none"> • Case study 1: Speedy arrangement of data: <ul style="list-style-type: none"> – Save time by automating time consuming processes – Learn VBA tips and tricks to quickly cleanse and arrange numerical, text and date form data. • Case study 2: Collating information with controls: <ul style="list-style-type: none"> – Enhance the user experience of your spreadsheet or model – Create a step by step procedure, with guidance via messages and prompts to enhance the experience and control the limits and structure of data received. • Case study 3: Run analytics on your data fast: <ul style="list-style-type: none"> – Run robust and precise data analytics fast – Combining an optimisation macro and ‘data tables’. • Q&A

This course may contribute to CPE hours.

Where do I go?

Courses are offered in a number of locations on a regular basis. Contact us to find out more about prices and courses scheduled in your local area at: www.deloitte.com/au/business-modelling-training

Contact us

Read more on our website: www.deloitte.com/au/business-modelling-training

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