

ADVANCED TECHNIQUES IN BUILDING SPREADSHEET MODELS

Course Outline

What is this course all about?

The course is designed for consultants, business managers and analysts experienced in building business simulation models, and wishing to expand their skills. It focuses on some of the techniques used to improve the performance, functionality and usability of models. Theoretical sessions are rounded off by a series of practical exercises.

What are the benefits of the course?

- Getting to know advanced model building techniques
- Practicing them on real-life cases
- Understanding when and when not to use them.

What are the key elements of the course?

Best practice model building theory

- **Refresher session:**
How to plan and structure a model to ensure that the correct type of model is built and that it is clear for all future users.
- **Series of exercises**
Practicing the techniques on real-life cases

Advanced Model Building

- **Introductory session:** 5 key formulae to underpin advanced model building
- **Series of exercises:** Practicing each formula on worked examples
- **Interactive session:**
 - Creating new datasets using look-ups
 - Referencing data
 - Building interactive charts
 - Building form controls

Deconstruction of Advanced Model

- **Introductory session:**
How 5 key formulae are applied in practice
- **Exercise:**
Reconstructing a model using different methodologies.

How long does the course last?

0.5 days

Course Prerequisites

Microsoft Excel experience e.g. knowledge of basic functions (SUMIF; HLOOKUP)

Microsoft Excel installed on own PC