



Advanced financial modelling



Corporate finance and
investments

23-25 June, 2020
Dubai, UAE

KPMG Business Academy





Key learning benefits:



Create a financial model based on real-world financial modelling challenges



Enhance analytical thought on fluctuating economic assumptions in financial modelling



Knowledge on how to deal with uncertainty and risk in financial modelling



Course overview

In the ever-changing business environment, being able to accurately model and forecast the volatile economic inputs is a critical skill for business professionals.

Build on your existing modelling skills and apply new techniques to better analyze financial data, predict revenues and cost and assess risks to justify business decision in the most time-efficient and effective way.



Course structure

This course has been designed to be highly interactive, involving:

- Group activities
- Engaging visual strategy
- A non-linear learning approach
- Application-driven exercises and evaluation



Who should attend

This course has been designed for mid to senior level managers in finance or non-finance analytical roles, financial and accounting-related fields or general managers who need to use explore the practical usage of Excel functions in a financial model. This course is also suitable for those without a financial background, as long as they have the prerequisite level of Excel.

This course builds on your advanced knowledge of Excel tools and functions and incorporates these into complex and dynamic financial models.



Meet your course leader



Our trainer is a highly experienced consultant specialising in financial modelling and analysis.

She is the author of "*Using Excel for Business and Financial Modelling*", Third Edition, published by Wiley Finance 2019 and "*Financial Modelling in Excel for Dummies*", 2017.

With over fourteen years' experience as a financial analyst, she helps her clients create meaningful financial models in the form of business cases, pricing models and management reports. She has hands-on experience in a number of industry sectors, including telecoms, information systems, manufacturing and financial services

She has regular engagements around Australia and globally as a speaker, course facilitator, financial modelling consultant and analyst. She holds a Master of Business Administration (MBA) from Macquarie Graduate School of Management (MGSM), and has taught management accounting subjects at Sydney University.

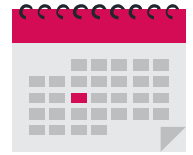


Prerequisites

The course material includes extensive use of Excel and participants will gain the maximum benefit from this course if they are already competent spreadsheet users. It is designed for users who do use (or will use) Excel on a regular basis, and are comfortable with using its tools and functions.

At minimum, it is assumed that participants will know how to:

- Navigate confidently in Excel
- Use absolute cell references (e.g. =\$A\$1)
- Create and use Excel functions on a regular basis



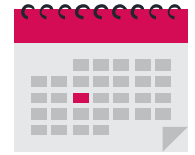
Day one: Financial modelling theory & model design

Financial modelling best practice

- Excel Versions; upgrading to Excel 2016 / 365 and technical differences between versions. Considerations when building a model for users of different versions.
- Overview of best practice financial modelling techniques
- Model planning structure and steps in building your model
- The technical, design, business and industry knowledge required for financial modelling
- Selecting the formula or tool which is most appropriate for each modelling situation
- How long should a formula be? Deciding when to break a complex formula in several steps to maintain transparency and allowing ease of model auditing
- Audit tools; summary of commonly-using audit tools to take apart others' models
- What makes a good model? Attributes of a good model such as user-friendly and structural features
- What makes poor model?
- Rebuilding an inherited model. Critique of a poorly built financial model using model audit tools and identify why it does not follow financial modelling best practice.

Advanced financial modelling techniques

- Maintaining model integrity and avoiding Excel errors; Techniques to employ during the model building process to maintain model integrity and reduce the potential for formula or logic error
- Building self-balancing error checks
- Correcting and suppressing errors
- Fixing circular references
- Goal seeking to calculate break-even point
- Create a more efficient model with internal links
- Dealing with external links and the potential errors they cause



Day two: Financial modelling tools and techniques

Advanced financial modelling tools and functions

- Pros and cons of using array functions
- Useful functions in financial modelling such as INDEX, MATCH, CHOOSE, OFFSET, LOOKUP and TRANSPOSE
- Nesting formulas
- Tiering tables; practical application of one of the more complex and widely used calculations in financial modelling, such as tax calculations and volume break discounting
- Automate your financial model for the user with Macros. Recording and modifying VBA code and creating macro buttons
- Pivot tables – summarize, dissect and analyze large amounts of data
- Shortcuts for data manipulation in Excel

Bullet-proofing your model

- Protect your model so that it can be used by anyone with a limited use of Excel
- Locking and protecting cells
- Restriction incorrect data entry with data validations
- Creating error validation messages
- Use of form controls such as spin buttons and combo boxes

Stress testing to deal with uncertainty and risk in financial modelling

- Economic inputs to model and modelling fluctuations in external factors
- Use of stress testing to validate your underlying assumptions and risk calculations
- Advanced what-if analysis
- Importance of assumptions when assessing risk





Day three: Practical financial modelling

Scenarios and sensitivity analysis

Learn different methods of what-if and scenario analysis in Excel using:

- Show multiple scenario outcomes simultaneously with one and two-dimensional data tables
- Using the scenario manager
- Manual scenario building
 - In-cell drop-down boxes
 - Combo-box drop down boxes

Practical exercise: At each step during the course, participants build and practice each formula, tool and technique. Record your own macro with buttons, build a pivot table, and create drop-down boxes.

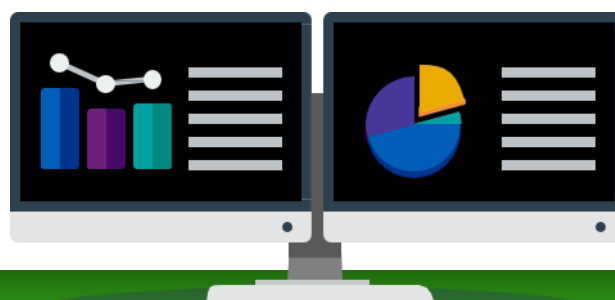
Practical financial modelling

Building on the tools and techniques covered, we will learn to apply advanced modelling skills to build complex, yet robust and user-friendly financial models.

Factory rollout model

Working on a startup funding model from start to finish we will evaluate input assumptions, calculate revenue and costs of production to calculate cash requirements. From this, we build a full set of financial statements with particular emphasis on linking the profit & loss statement, cash flow statement and balance sheet together. seasonality index and adjusting the forecast accordingly.

Practical exercises: Utilizing the tools and techniques covered in the first day, participants will build their own financial model case study, performing stress testing, scenario and sensitivity analysis on their model.



Advanced Financial Modelling

23-25 June 2020
8:30am-4:30pm
Dubai, UAE

Early bird (before 23 May 2020)*	Participant fee*
USD 2,295	USD 2,495

** Please note that the fee quoted is exclusive of VAT and the fees for the course shall be increased by the quantum of VAT, as applicable under the law.*

All registrations are subject to our terms and conditions which are available at <http://kpmgbusinessacademy.kpmguae.com/TermsandConditions.aspx>. By submitting your registration you agree to be bound by the terms and conditions in full.



**Please bring a laptop with
MS Office installed**

Three ways to register:



| [Register](#)



| ae-fmkpmgacademy@kpmg.com



| +971 4 356 9616

Certificate

Participants who attend all sessions will be awarded a KPMG certificate of attendance.

Payment

To reserve a seat at our courses, please complete a registration form and pay the full fees before the due date. All registrations are subject to acceptance by KPMG and will be confirmed in writing.

Cancellation

If after having registered and paid for a place you are unable to attend the course, a substitute delegate is welcome to attend in your place. Fees canceled seven days or less before the course begins are payable in full.

KPMG reserves the right to cancel this course, change its date or alter the venue, speakers or topics.

Customized training solutions

To create a more tailored learning experience, you may want to run this course in-house. Please contact Saravanan Selvan to discuss further:

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