



Financial Modelling with Dynamic Arrays

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26 & 27 May 2026

Instructor:

Danielle Stein Fairhurst

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Online-only



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3	ASSETS					
4	<u>Current Assets</u>					
5	Cash at Bank	£5,000	£17,524	£28,145	£36,754	£42,234
		£5,000	£5,000	£5,000	£5,000	£5,000
		£0	£0	£0	£0	£0
		£10,000	£22,524	£33,145	£41,754	£47,234
10	<u>Fixed Assets</u>					
11	Gross PP&E	£45,000	£45,000	£45,000	£45,000	£45,000
12	Less: Acc Depn & Amort	£0	(£6,833)	(£13,667)	(£20,500)	(£24,000)

Course outline

Overview

Best practice financial modelling in Excel has always encouraged consistency of formulas with calculations performed in blocks. Excel’s dynamic array functions mean that it’s impossible to have inconsistent formulas and are perfect for building financial models, however, the techniques needed to build a model using dynamic arrays are significantly different from the traditional way of building formulas with absolute and relative cell references.

Building a fully dynamic model requires additional thought and layout planning compared to conventional methods, but the extra planning is worth the effort!

Learning outcomes

By the end of the Masterclass, each learner will be able to:

- ✓ Understand the benefits of using dynamic arrays (vs. traditional formulas) in financial modelling

✓ Learn how to model debt and depreciation schedules

✓ Deal with inconsistent formulas and LAMBDA's
- ✓ Apply sensitivities to data tables

✓ Manage circularity in interest calculations

✓ Manage all risks associated with working with array functions

Who is this course for?

This Masterclass is designed for users who use Excel on a regular basis and are comfortable with using its tools and functions. It is assumed that attendees will have some financial background.



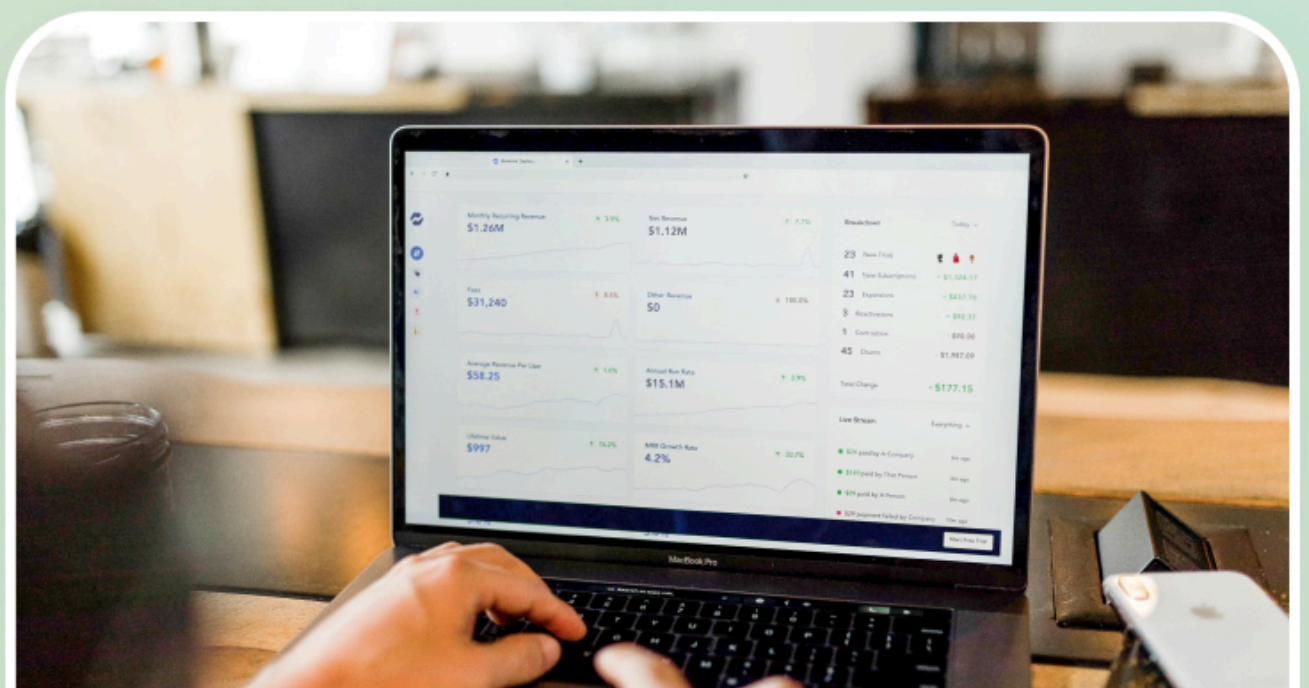
Financial Modellers and Analysts looking to eliminate the need for model maintenance and significantly reduce spreadsheet risk



Business Professionals who are eager to improve their Excel and financial modelling skills



Finance & Accounting Students



Excel users interested in the future of spreadsheet modelling

Course contents

Dynamic Arrays as a Modelling Tool

- The most useful array functions for modelling
- Selecting the right function (arrays vs. traditional formulas)
- Nesting functions with arrays
- Working with dates and helper rows to spill dynamically

Financial Modelling Best Practice and Design

- Principles of financial modelling best practice with dynamic arrays
- Designing a layout to incorporate spill ranges
- Dangers and limitations of working with array functions
- Dealing with inconsistent formulas with LAMBDA

Financial Statements Modelling

- Dynamic debt and depreciation schedules
- Modelling corkscrew accounts
- Modelling for Indexation and growth
- Integrating the financial statements with array functions

Advanced Modelling Tools and Techniques

- Building Flexible Model Timelines
- Switching between dynamic scenarios
- Applying sensitivity analysis
- Avoiding circularity in interest calculations



Training requirements

To gain the functionality of dynamic arrays, participants must be using **Excel for Microsoft 365** or **Excel 2021**. Each delegate must have their own laptop with their preferred version of Excel installed.

Why choose this course?

What's included

- ✓ 6 hours Masterclass with Danielle Stein Fairhurst, Microsoft MVP
- ✓ 6 hours of CPD (Continuing Professional Development) hours / points
- ✓ All downloadable presentation and working files
- ✓ Masterclass recording
- ✓ Certificate of attendance
- ✓ Join from anywhere in the world



I would like to have another course with her in the future!

Danielle was very friendly, helpful, patient, knowledgeable and liked to share knowledge and experience. Beside she was keen that everyone grasped the concepts that she explained.

Finance/Equity Trader

Financial Industry



A great course that is highly recommended!

Danielle is a great instructor with many years of experience. My biggest takeaway from the course is her best practice approach. A great course that is highly recommended. Thank you.

IT Professional

Health Industry



The training was excellent, Danielle is amazing!

The training was excellent, Danielle is amazing!

Finance Team, Melbourne

Financial Industry

About your trainer



Danielle Stein Fairhurst

Financial Modeller,
Book Author, Microsoft MVP



Danielle Stein Fairhurst is the Principal of Plum Solutions, a Sydney-based consultancy specialising in financial modelling and analysis. She is a Microsoft MVP, Master Financial Modeler (FMI), LinkedIn Learning instructor and the author of “Using Excel for Business and Financial Modelling”, Third Edition published by Wiley Finance 2019 and “Financial Modeling in Excel for Dummies” second edition published by Wiley in 2022.



She founded the Financial Modellers’ Meetup groups, and in 2022 she was awarded the “Lifetime Achievement Award” at the Financial Modelling Summit.

Course pricing

This course is available as a single Masterclass or as part of our Global Excel Summit [Premium Online ticket](#).

£196

Save 30%

Early bird price
ends 25 March 2026

£280

Regular price
26 March - 25 May 2026

£98

Save 65%

Student discounts

£714

Save additional 15%

Team of 3 discounts

up to
-40%

Bigger teams
Contact us today.

Pay by invoice

To pay by invoice, please contact Tea Kuseva at tea@globalexcelsummit.com. We will send you an invoice which you can submit to your accounts payable system.

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