



Special Edition Masterclass

Modern Data Analytics in Excel

Date:

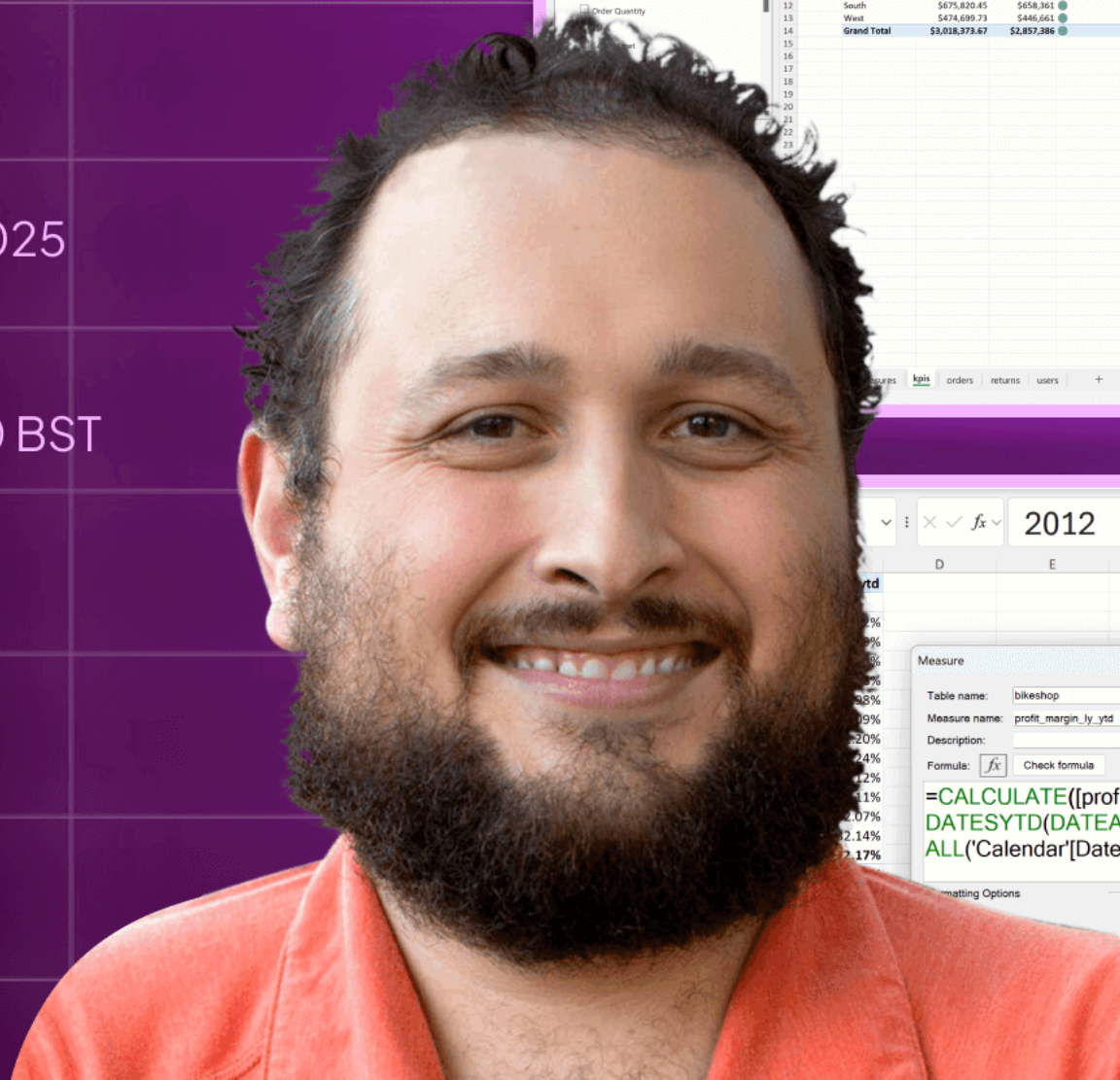
15-16 Sep 2025

Time:

18:00-21:00 BST

Format:

Online-only



Hosted by **Global Excel**
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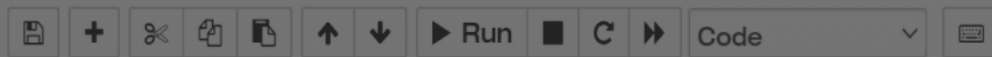
Crafted by **DATEL**

Brand Partner  **Sheetcast**



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pre

post

study_nours

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In [23]: sns_plot = sns.pairplot(contestants[['pre', 'post', 'study_hours', 'sex']],  
                                hue='sex')
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Course outline

Course overview

If you haven't modernised your data cleaning & reporting processes in Microsoft Excel, you're missing out on big productivity gains. And if you're looking to conduct rigorous data analysis, more can be done in Excel than you think. This workshop serves as an introduction to the "Modern Excel" suite of features, along with other powerful tools for analytics.

First, you'll learn how to build repeatable data cleaning workflows with Power Query. Next, you'll build relational data models and dashboards straight from Excel with Power Pivot. Finally, you'll look at new Excel features like dynamic array functions, artificial intelligence-powered insights, and Python integration to accomplish even more with your data.

Learning outcomes

By the end of the course each learner will learn:

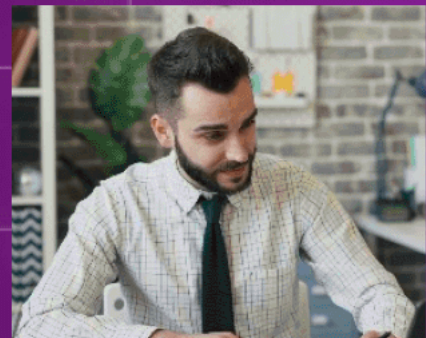
- > Data profiling with Power Query
- > Power Query as Excel's extract, transform, load (ETL) tool
- > Tour of the Power Query and data profiling interface
- > Data analysis and reporting with Power Pivot
- > Building a relational data model in Power Pivot
- > Introduction to DAX measures
- > Efficient data analysis with dynamic array functions
- > Understanding how dynamic array functions work
- > Tour of various dynamic array functions for data analysis
- > Augmented analytics and the future of Excel
- > How to properly structure data for optimal AI results
- > Introduction to generative AI in Excel with Analyze Data
- > Using Python with Excel
- > Understanding Python's role in modern Excel
- > Explore the Python in Excel integration to conduct analysis and visualization otherwise difficult in Excel

Who is this course for?

This Masterclass is for anyone who wants to make the most of their data using next-generation features. Typical job titles who could particularly benefit include:



DATA ANALYSTS



FINANCIAL ANALYSTS



MARKETING COORDINATORS



ACCOUNTANTS



CONTROLLERS



OPERATIONS ANALYSTS

Course contents

Data profiling with Power Query

- > What is “extract, transform, load”
- > How data profiling works in Power Query and why it matters
- > First steps for profiling and cleaning the data

Efficient analysing with dynamic array functions

- > What are dynamic array functions
- > Learn how to build quick, responsive formulas for easy analysis

Citizen data science with Python in Excel

- > What is Python and why has it become the glue that binds today’s data analytics stack
- > Learn basic Python scripting to build compelling analyses and visualizations that would otherwise be difficult or impossible to do in Excel

Efficient reporting with Power Pivot

- > Avoid memory-draining “Frankentables” and build relational data models and reports right from Excel
- > Power Pivot and DAX for data analysis in Excel

Supercharging Excel with generative AI and Copilot

- > Boost Excel with generative AI and Copilot
- > Use natural language prompts to simplify Python scripting, uncover insights and streamline workflows for even faster and easier analytics

Every session ends with a live Q&A opportunity with the instructor.

Training requirements

To make the most out of this Masterclass, attendees will need to have some familiarity with intermediate Excel topics such as PivotTables or lookup functions such as **VLOOKUP()** or **XLOOKUP()**.

There is no coding experience required to attend this Masterclass.



Why choose our “Modern Data Analytics in Excel” course?

What you get?

- 6 hours Masterclass with George Mount, Microsoft MVP
- 6 hours of CPD (Continuing Professional Development) hours / points
- Downloadable presentation and working files
- Masterclass recording
- Certificate of completion
- Join from anywhere in the world

What people say?



Time and time again confirms his deep insight into Excel... It's the analyst thinking which makes George an outstanding asset to any data driven organisation. Add the ease in personal relationships and good communication skills in the mix ... great performer.

Eric H.
CONTROLLER



Clear, concise instruction that lead to major skill improvement in Excel without having to invest a significant amount of time..

Ashley B.,
RESEARCH ANALYST



George is a great teacher. He is very personable and makes it so everything is easy to understand.

Sherry B.,
BUSINESS ANALYST



About your trainer



The founder
and CEO
of Stringfest Analytics



George Mount



George Mount is the founder and CEO of Stringfest Analytics, a consulting firm specialising in analytics education and upskilling. He has worked with leading bootcamps, learning platforms and practice organisations to help individuals excel at analytics.



George regularly blogs and speaks on data analysis, data education and workforce development and is the author of *Advancing into Analytics: From Excel to Python and R* (O'Reilly Media, 2021).



Course pricing

Early bird price (ends 30 April 2025)

£196
Save 30%

£280

Regular price (1 May - 14 Sept 2025)

£98
Save 65%

Student discounts

£714
Save additional
15%

Team of 3 discounts

up to
-40%

Bigger teams? Contact us today.

Global Excel

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