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Grand Total \$3,018,373.67 \$2,857,386

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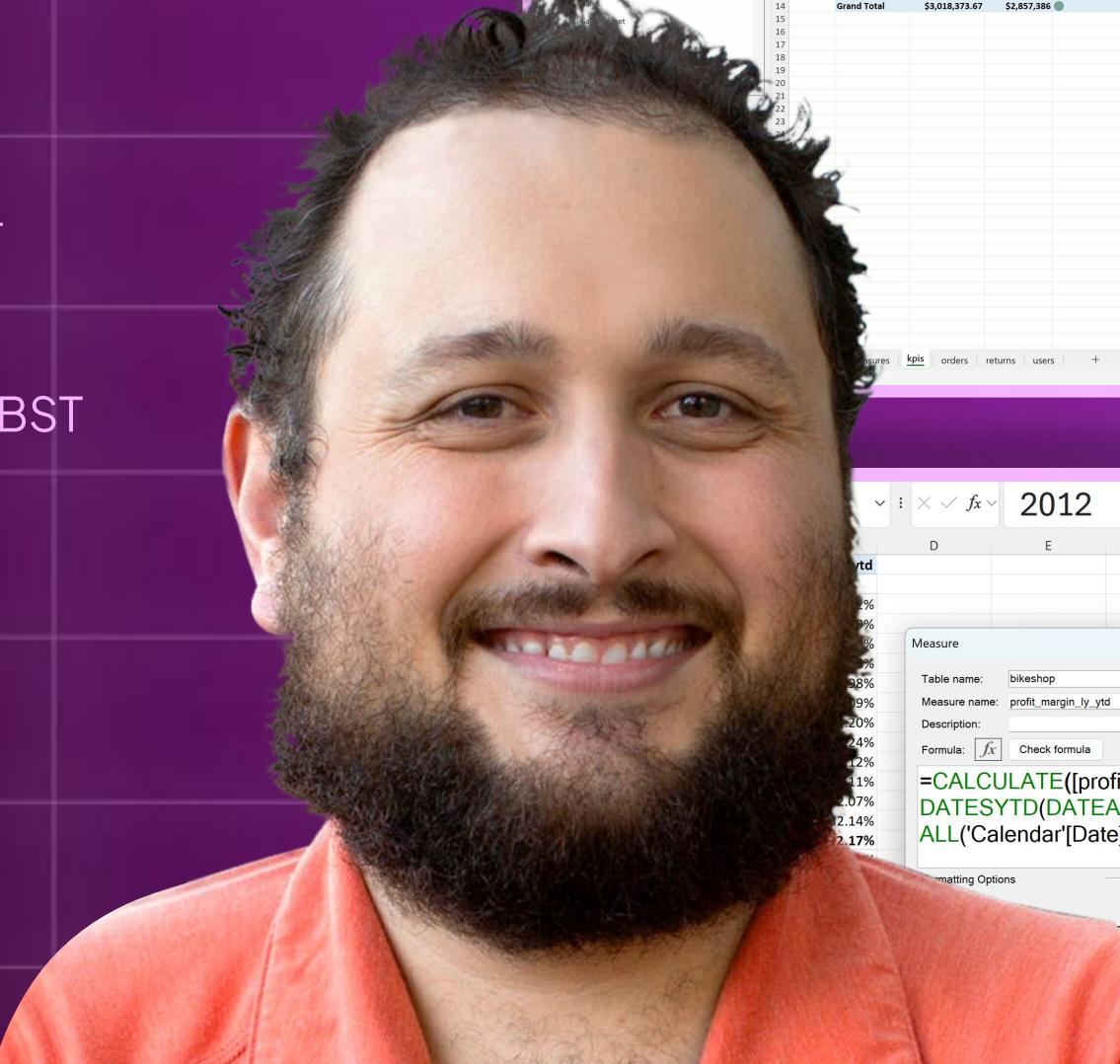
Accessibility: Investigate

Modern Data Analytics in Excel

Date:
23 Sept 2024

Time:
16:00–21:00 BST

Format: Online-only



Hosted by

Global Excel
=Sum(it)

Crafted by

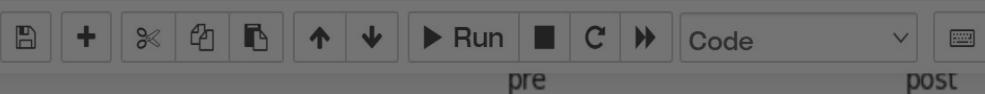
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Brand Partner  Sheetcast



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

Course overview

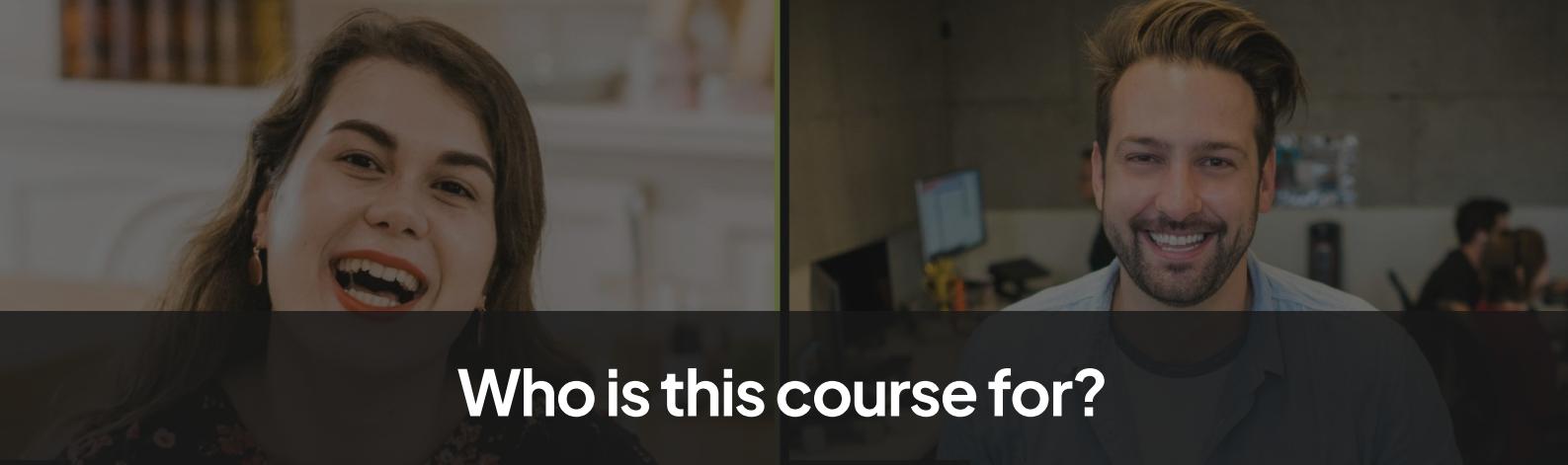
If you haven't modernised your data cleaning & reporting processes in Microsoft Excel, you're missing out on big productivity gains. And if you're looking to conduct rigorous data analysis, more can be done in Excel than you think. This workshop serves as an introduction to the "Modern Excel" suite of 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”?
- We’ll look at how this process 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.

Interfacing with Python

- What is Python and why has it become the glue that binds today’s data analytics stack.
- Learn how to automate boring processes with Python
- Learn how to build compelling analyses with this programming language.

Efficient reporting with Power Pivot

- How do you avoid memory-draining “Frankentables” and build relational data models and reports right from Excel?
- We’ll look at Power Pivot and DAX for data analysis in Excel.

Augmented analytics and the future of Excel

- Where is data analytics headed, and can Excel keep up?
- Learn how to use predictive analytics and artificial intelligence inside and outside of Excel to make the most of your data.

Every course 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?

- › 5 hours Masterclass with George Mount, Microsoft MVP
- › 5 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



George Mount

The founder
and CEO
of Stringfest Analytics



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 phase ends 31 May 2024

£192
Save 30%

£240

Regular phase
(1 June - 22 September 2024)

£84
Save 65%

Student discounts

£612
Save 15%

Team of 3 discounts

up to
-40%

Bigger teams? Contact us today.

Global Excel

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