



PROFESSIONAL MASTERCLASS

Power BI

Data Analyst Masterclass · Five days, five outcomes, one transformed career.

www.reskillwales.co.uk



01 · THE COURSE

Beyond pivot tables

Move from Excel pivot tables to enterprise-grade interactive dashboards. Welsh public sector and NHS Wales are investing heavily in data — this course is your ticket in.

QUESTIONS ABOUT THE COURSE?

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02 · HOW THE WEEK RUNS

Your daily rhythm

9:00 – 10:45 am Taught session

10:45 – 11:00 am *Morning break*

11:00 am – 12:00 pm Taught session

12:00 – 1:00 pm *Lunch break*

1:00 – 2:30 pm Hands-on lab





DAY 01 · FOUNDATIONS

From Excel to Power BI

Topic 01

Power BI Desktop setup & tour

Topic 02

Importing data from Excel & CSV

Topic 03

Your first visualisation

Topic 04 *formatting*

Power Query intro, data types &

Lab Excel data

Build your first dashboard from raw





DAY 02 · CLEAN DATA

Cleaning data

1

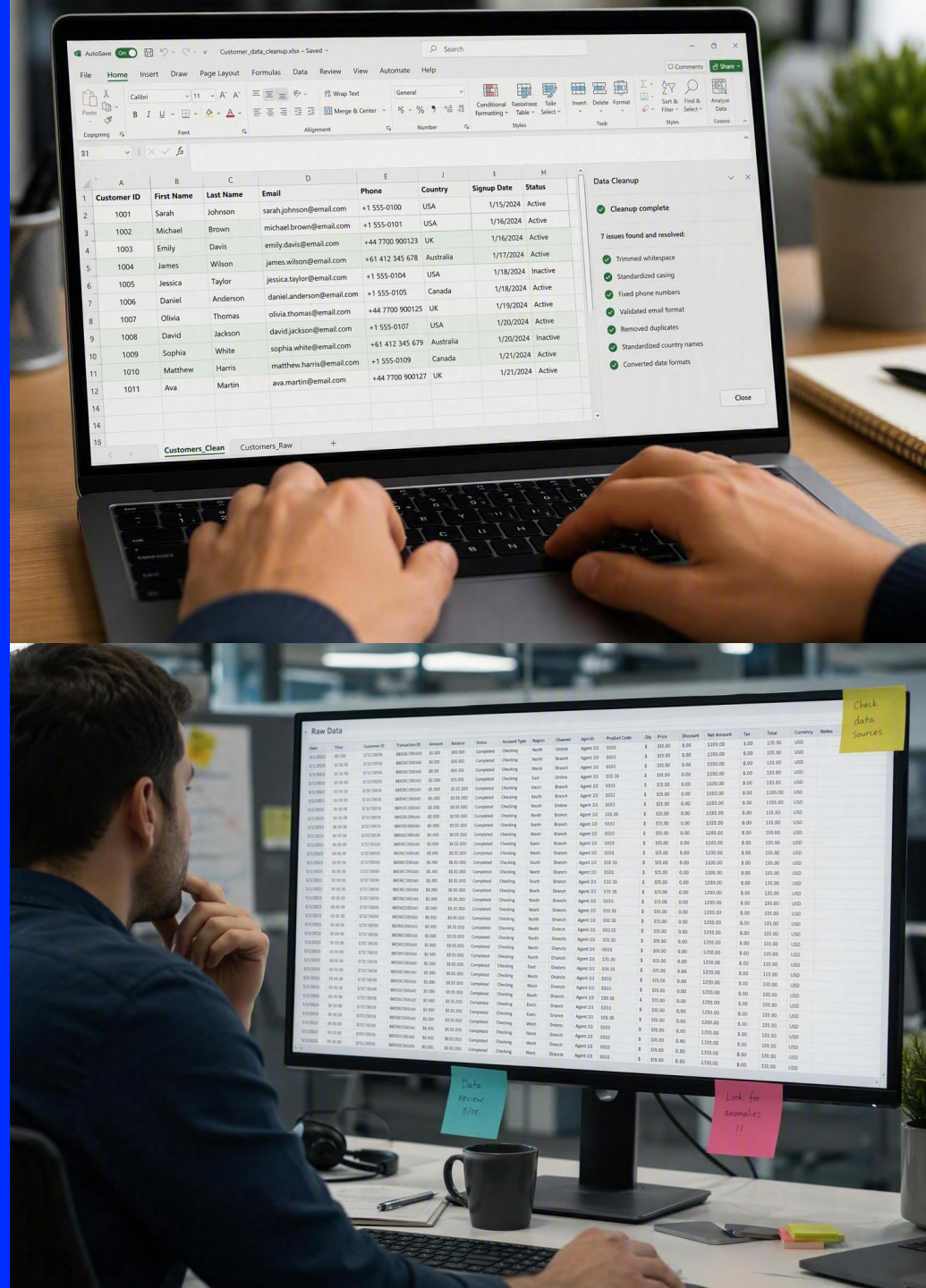
Power Query editor deep-dive: removing duplicates, errors and inconsistencies.

2

Splitting and merging columns, pivoting and unpivoting, **custom columns** and **M code basics**.

3

LAB: clean a messy NHS-style dataset into analysis-ready form, then schedule refreshes.





DAY 03 · DASHBOARDS

Dashboards

- | | |
|----------------------------------|---|
| Topic 01 | Chart types & when to use each |
| Topic 02 | <i>Slicers, filters & drill-through pages</i> |
| Topic 03 | Conditional formatting |
| Topic 04 | <i>Mobile layouts & design principles</i> |
| Lab
with drill-through | Build an interactive sales dashboard |





DAY 04 · DAX

DAX essentials

1

DAX fundamentals: measures versus calculated columns, and filter context.

2

Time intelligence functions, **CALCULATE**, KPI creation and row-level security basics.

3

LAB: build a financial KPI dashboard with full time-series analysis.





DAY 05 · REPORTING & AI

Reporting & AI

Topic 01 SQL basics for Power BI analysts

Topic 02 *AI insights & smart narratives*

Topic 03 Q&A natural language queries

Topic 04 *Data storytelling, publishing & portfolio*

Capstone
cohort Present your dashboard to the





06 · HOW YOU LEARN

Applied learning

1

TAUGHT MORNINGS

Live instructor-led sessions covering each day's concepts, with worked examples.

2

HANDS-ON LAB AFTERNOONS

You build something real every afternoon — five finished dashboards by Friday.



07 · WHO IT'S FOR

Is this course for you?

1

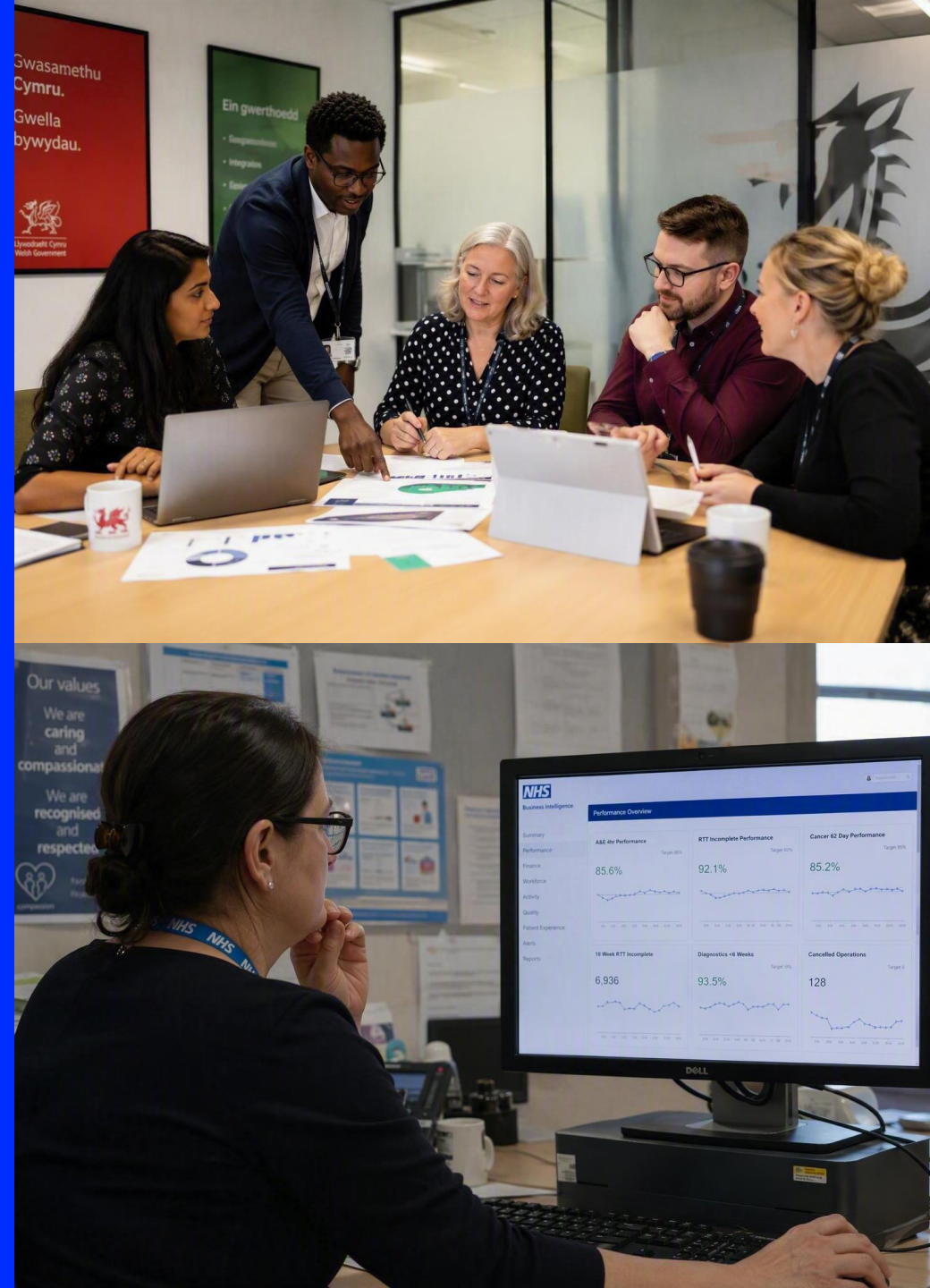
Excel users ready to move beyond pivot tables into proper analytics.

2

Public sector and **NHS Wales** staff whose teams are investing heavily in data.

3

Career changers building a portfolio for data analyst roles across Wales.





08 · WHAT YOU LEAVE WITH

Five outcomes

Confident Power BI skills built on Excel.
Clean, reliable data with Power Query.
Interactive dashboards with drill-through.
DAX measures and time intelligence.
A capstone dashboard for your portfolio.

READY TO BOOK?

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READY WHEN YOU ARE

Join the next cohort

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