



FRIENDS OF DATA

Course Title:

ANALYSE DATA. BUILD DASHBOARDS: POWER BI & DECISION MASTERY
(FOD PROGRAM)

DURATION:

- 4 Weeks (Monday–Friday only)
- 2 Hours per day

START DATE:

20th April

Course Philosophy

This course is built on one idea:

“We don’t train people to use Power BI. We train them to think with data.”

Anchor Dataset

We will use:

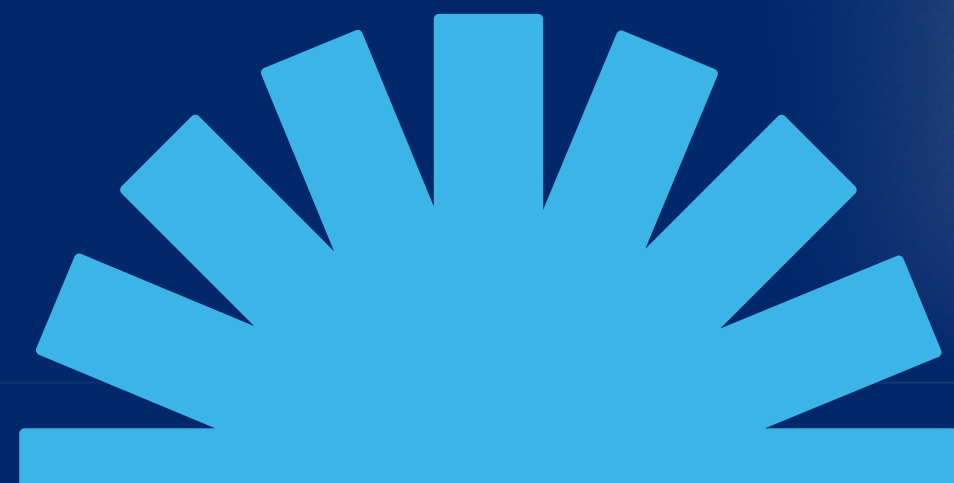
Business/Sales Dataset

Why:

- Easy to understand for beginners
- Rich enough for DAX
- Works for executives + employees
- Transferable across industries



Full Course Structure



WEEK 1:

* Foundations + Data Handling

Goal: Remove fear of data + prepare for Power BI



Week 1 Schedule

Monday (April 20) – Day 1

Understanding Data

- What is data in real life
- Rows, columns, metrics, categories
- Types of data
- What makes data “messy”

Outcome: Learners can confidently read a dataset

Tuesday – Day 2

Understanding the Dataset (Business Thinking)

- What does each column mean
- Business questions to ask
- Defining analysis goals

Outcome: They stop guessing and start thinking

Wednesday – Day 3

Introduction to Data Cleaning

- Common data problems
- Duplicates, blanks, wrong formats

Thursday – Day 4

Data Cleaning Practice (Hands-on)

- Fixing messy dataset
- Structuring for analysis

Friday– Day 5

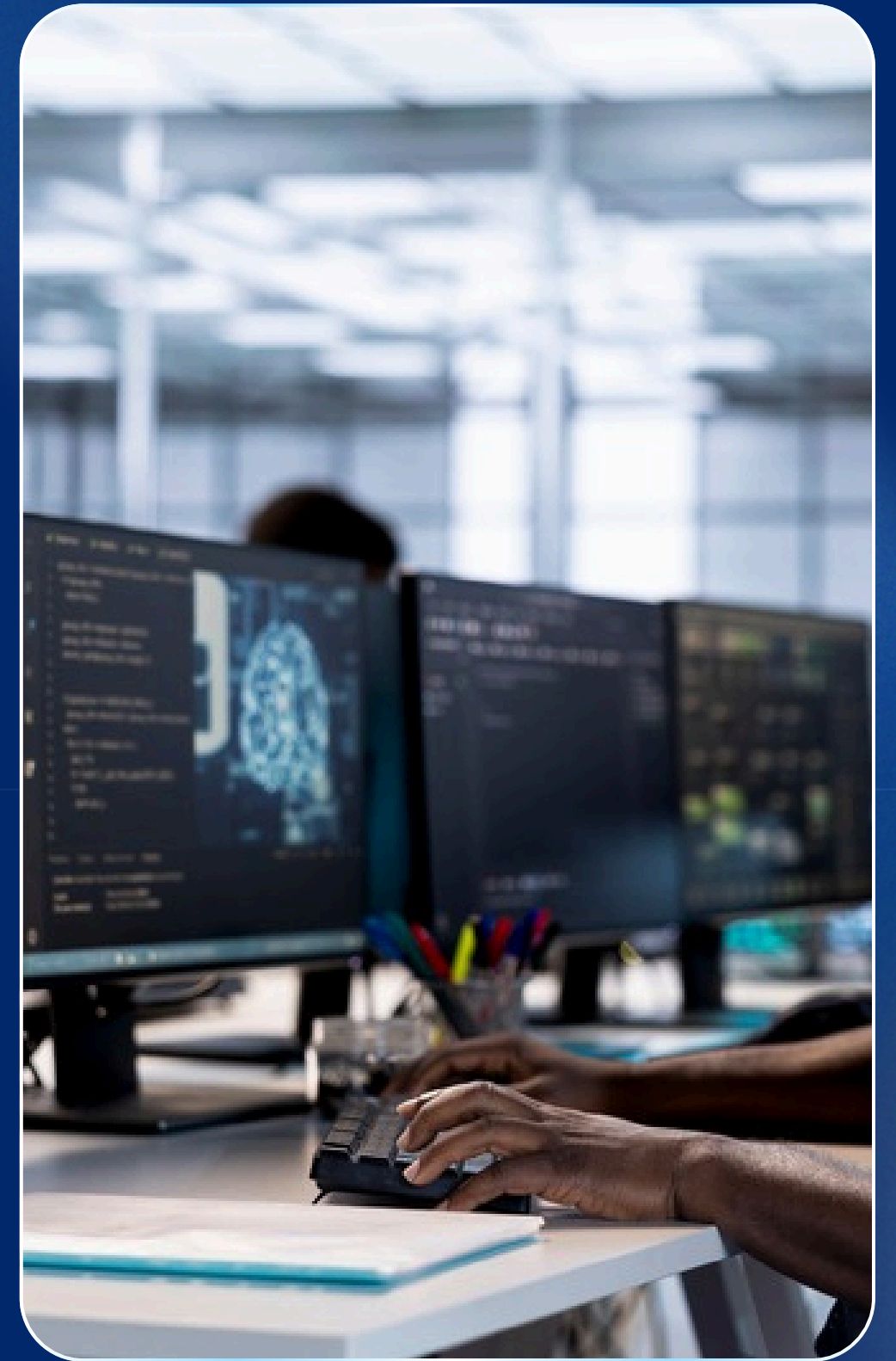
Intro to Power BI

- Interface walkthrough
- Importing data
- First simple visual

WEEK 2:

* Power BI Core Skills

Goal: Become comfortable building visuals



Week 2 Schedule

Monday – Day 6

Data Cleaning & Data Modeling Basics

- Power Query
- Tables & relationships
- Why models matter

Tuesday – Day 7

Essential Visuals

- Bar, line, pie, cards
- When to use what

Wednesday – Day 8

Filters, Slicers, Interactions

- Making dashboards interactive

Thursday – Day 9

Design Principles

- Clean vs cluttered dashboards
- Layout, colors, storytelling

Friday– Day 10

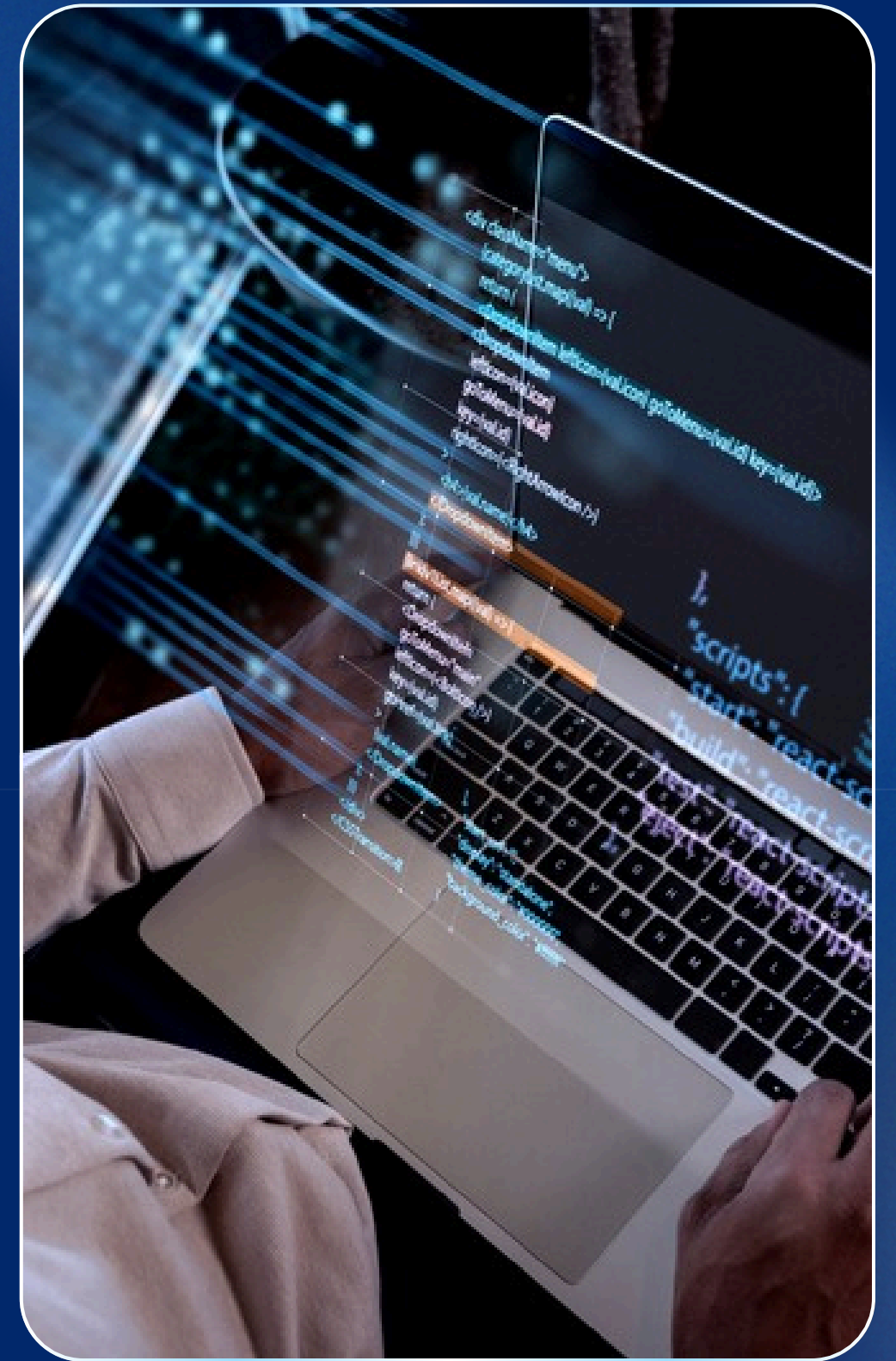
Mini Dashboard Build (No DAX yet)

- Combine visuals
- First simple dashboard

WEEK 3:

* DAX

Goal: Move from beginner → analytical thinker



Week 3 Schedule

Monday – Day 11

Intro to DAX (Simple but Powerful)

- What is DAX
- Measures vs columns
- SUM, COUNT, AVERAGE

Tuesday – Day 12

Core DAX Functions

- CALCULATE (most important)
- FILTER
- Basic logic
-

Wednesday – Day 13

Time Intelligence (Very Important)

- Month-to-date
- Year-to-date
- Trends over time

Thursday – Day 14

Advanced DAX Concepts

- Context (row vs filter context simplified)
- Why results change

Friday– Day 15

DAX Practice Day

- Real business questions
- Build measures step-by-step

WEEK 4:

* Dashboard + Insights

Goal: Build a professional dashboard + explain insights



Week 4 Schedule

Monday – Day 16

Planning the Final Dashboard

- Define questions
- Sketch layout
- Choose visuals

Tuesday – Day 17

Building the Dashboard (Part 1)

- Core visuals
- Structure

Wednesday – Day 18

Building the Dashboard (Part 2)

- Add DAX measures
- Interactivity

Thursday – Day 19

Insight & Storytelling

- What is the data saying?
- How to explain findings

Friday – Day 20

Final Presentation + Review

- Present dashboards
- Feedback
- Real-world application



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