OMEBLY.

OMEBLY ACADEMY · COURSE PACK

AI for Data Analysis

Turn spreadsheets and databases into clear answers and dashboards, with AI writing the formulas, code and queries alongside you.

USD 280 · full course

8 weeks · 16 live sessions

One-on-one with a mentor

Certificate within 3 days

Course module · Enrolment and payment · Student portal · Certificate

Omebly Academy, Kolkata, India · omebly.com

2026 edition

ABOUT THIS COURSE

What you will learn

Data analysis is finding answers in numbers: which products sell best, why customers leave, where money is spent. It used to need years of practice with formulas, coding and statistics. Now AI can write Excel formulas, Python code and SQL queries from plain-English questions, and explain the results.

PRICE	LENGTH	SESSIONS
USD 280	**8 weeks**	**16 × 90 minutes**

FORMAT	LEVEL	YOU FINISH WITH
Live, one-on-one	**Beginner, no coding needed**	**3 projects + certificate**

Who it is for

- ✓ Beginners who want to start a career in data
- ✓ Excel users who want to do much more, much faster
- ✓ Managers and professionals who work with reports and numbers
- ✓ Students who want a job-ready analytics skill

By the end you will be able to

- ✓ Turn a business question into a clear analysis plan
- ✓ Clean and prepare messy data with AI help
- ✓ Use AI to write and explain Excel formulas and pivot tables
- ✓ Analyse data with Python in the browser, with AI writing the code
- ✓ Write SQL queries with AI to get answers from databases
- ✓ Build clear charts and an interactive Power BI dashboard
- ✓ Check AI's work and present findings people trust

In this course you learn how to ask good questions of data, clean messy files, analyse them with AI in Excel, Python and SQL, build charts and Power BI dashboards, and present findings people understand. Just as important, you learn how to check AI's work, so your numbers are right. You finish with three portfolio projects on real-world datasets.

COURSE MODULE

8 weeks, step by step

One module a week, two live one-on-one sessions each, and a hands-on task your mentor reviews.

WEEK 1

Data and AI basics

Learn how analysts think and where AI fits in.

- What data analysis is, with real business examples
- Types of data and common data problems
- Asking good questions of data
- Uploading files to ChatGPT, Claude and Gemini safely

HANDS-ON Analyse a sales file with an AI chatbot and list the top 5 findings.

WEEK 2

Excel and Google Sheets with AI

Get much more out of spreadsheets with AI as your formula expert.

- AI-written formulas: lookups, IFs and text functions
- Pivot tables and summaries
- Copilot in Excel and Gemini in Sheets
- Checking formulas so you trust the results

HANDS-ON Build a sales summary workbook with AI-written formulas and pivot tables.

WEEK 3

Cleaning and preparing data

Fix messy data, the job that takes most of an analyst's time.

- Duplicates, blanks, wrong formats and typos
- Power Query basics with AI help
- Combining data from several files
- Documenting your cleaning steps

HANDS-ON Clean and combine three messy files into one analysis-ready table.

WEEK 4

Python analysis with AI (no coding background)

Use Python for bigger data, with AI writing and explaining the code.

- Google Colab and Python in plain words
- pandas for loading, filtering and grouping data, written with AI
- Charts with Python
- Reading and fixing errors with AI

HANDS-ON Analyse a 100,000-row dataset in Colab with AI-written Python.

COURSE MODULE · CONTINUED

Weeks 5 to 8: train, sound and direct

From your own trained model to a full AI pipeline and your final film.

WEEK 5

SQL with AI

Get answers straight from databases using plain-English questions.

- What databases and SQL are
- SELECT, WHERE, GROUP BY and JOIN, explained with AI
- Turning business questions into queries
- Checking that a query really answers the question

HANDS-ON Answer 10 business questions from a sample company database with SQL.

WEEK 6

Statistics and insight, simply

Know what the numbers really mean, and avoid common traps.

- Averages, spread, trends and seasonality
- Correlation vs cause
- Simple forecasts with AI
- Spotting when AI gets the maths wrong

HANDS-ON Write a short insight report with a simple forecast and its limits.

WEEK 7

Dashboards with Power BI

Build interactive dashboards managers can use every day.

- Power BI Desktop basics
- Data models and simple measures with AI help
- Designing clear charts and dashboards
- Copilot in Power BI and publishing reports

HANDS-ON Build an interactive sales dashboard in Power BI.

WEEK 8

Data storytelling and final project

Present your findings so people act on them.

- Turning analysis into a clear story
- Choosing the right chart for the message
- Presenting to non-technical people
- Final project presentations and mentor feedback

HANDS-ON Present a full analysis project from raw data to dashboard and recommendations.

TOOLS, PROJECTS AND REQUIREMENTS

What you will use and build

Real tools, real projects, and a short list of what you need to start.

Tools you will use

- ✓ ChatGPT
- ✓ Claude
- ✓ Microsoft Excel and Copilot
- ✓ Google Sheets and Gemini
- ✓ Power Query
- ✓ Python in Google Colab
- ✓ SQL
- ✓ Power BI

AI tool subscriptions are not included in the course fee. You use your own accounts on each tool's free plan, which is enough for the whole course. Any paid plan is your own choice and cost.

Projects for your portfolio

- ✓ A sales analysis workbook built with AI-written formulas
- ✓ A Python analysis of a large real-world dataset
- ✓ An interactive Power BI dashboard with a written insight report

What you need

- ✓ A laptop or desktop computer; Windows is needed for Power BI Desktop (Mac users can use the web version)
- ✓ Excel or free Google Sheets
- ✓ No coding or statistics background needed

What the course fee includes

- ✓ 16 live one-on-one sessions with your mentor (2 a week, 90 minutes each)
- ✓ Recordings of every class to revise at your own pace
- ✓ A hands-on task every week, reviewed by your mentor
- ✓ A final project you can show at work or in your portfolio
- ✓ Ready-to-use prompt library and templates to keep
- ✓ Omebly certificate of completion
- ✓ Your own login to the Omebly student portal with study materials and theory books
- ✓ Support with your LinkedIn profile and job search

HOW ENROLMENT WORKS

From first look to certificate

A simple, clear process, so you always know what happens next.

01
Review the course module
Read this course pack: what you will learn, week by week, and what you need.

02
Agree to the module
Tell us you are happy with the course plan, so we both know exactly what is covered.

03
Fix your class timings
We discuss and agree a class schedule that suits you and your mentor.

04
Pay the full course fee
The full fee of USD 280 is paid before the course starts, as per the agreed schedule.

05
Get your student portal login
You receive your own login ID and password for the Omebly student portal.

06
Learn one-on-one with your mentor
Your live one-on-one sessions run on the agreed timings, with study materials and theory books in the portal.

07
Receive your certificate
After you complete the course, your certificate is issued within 3 days and can be checked on the verification portal.

PAYMENT DETAILS

One price, paid in full

Clear and simple: no instalments and no hidden fees.

COURSE FEE

USD 280

- ✓ Full payment before the course starts
- ✓ Paid as per your agreed class schedule
- ✓ Covers all 16 live one-on-one sessions
- ✓ Student portal, study materials and theory books
- ✓ Certificate and career support

How payment works

- ✓ First, review this module and agree to it.
- ✓ Next, agree your class timings with our team.
- ✓ Then pay the full fee of USD 280 before your first session.
- ✓ Your student portal login is shared once payment is confirmed.

Payment methods and account details are shared by the Omebly team in writing when your schedule is agreed. Please pay only to details sent by Omebly from info@omebly.com or our official WhatsApp +91 70444 33991.

Not included

- ✓ AI tool subscriptions or paid plans (you use the tools' free plans on your own accounts)
- ✓ Computer hardware, internet connection or paid cloud computing

STUDENT PORTAL, CERTIFICATE AND CAREER SUPPORT

Everything in one place

Your learning, your certificate and your next step, all supported by Omebly.

Student portal

- ✓ Your own login ID and password, provided by Omebly
- ✓ All study materials for every week
- ✓ Theory books to read and revise
- ✓ Your projects and progress in one place

Certificate

- ✓ Issued within 3 days of completing the course
- ✓ Lists the course and the projects you completed
- ✓ Has a unique certificate ID
- ✓ Anyone can check it on Omebly's separate certificate verification portal

LinkedIn profile building

- ✓ Help writing your headline, about section and skills
- ✓ Showing your course projects as a portfolio
- ✓ Adding your certificate to your profile

Job search support

- ✓ CV review and tips for applications
- ✓ Mock interview practice
- ✓ Guidance on where and how to apply

We support your job search but cannot guarantee a job. Results depend on your effort and the job market.

Contact Omebly Academy

WHATSAPP
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EMAIL
info@omebly.com

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omebly.com/training

OMEBLY.

CERTIFICATE ID: OMB-AI-2026-000123
ISSUED: 15 JANUARY 2027

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Certificate of Completion

This certifies that

Student Name

has successfully completed the course

AI for Data Analysis

8 weeks · 16 live one-on-one sessions · 3 portfolio projects

SAMPLE

Nazmul Hussain

Nazmul Hussain
Managing Director & Technical Head, Omebly

OMEBLY
ACADEMY
VERIFIED

Verify this certificate
Enter the certificate ID on the Omebly certificate verification portal