



PDF STUDY MATERIAL • UNCODEMY

# Data Analyst Portfolio Projects

Notes, roadmaps and practice material, curated by the Uncodemy trainer team.



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# Quick answer



A data analyst portfolio is a small set of projects that prove you can ask a question, clean data, analyse it and communicate a result. Quality, clarity and honesty matter more than quantity.



## Clear concepts

Short, plain-language explanations



## Hands-on practice

Examples and exercises to try yourself



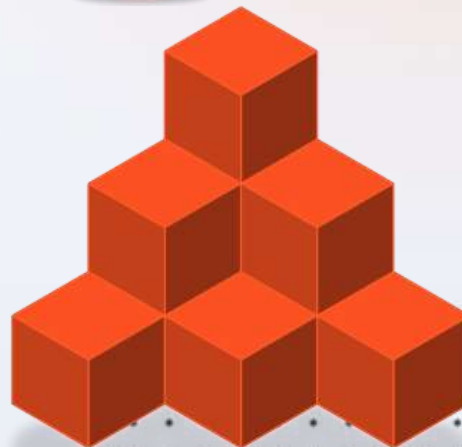
## Job-focused prep

Questions and checklists for interviews

# What is a data analyst portfolio?



A portfolio is the collection of projects you show to employers, usually on GitHub, a personal page or a LinkedIn featured section. Recruiters spend little time on each one, so each project must make the question, the method and the finding obvious within a minute.



# A balanced portfolio

| Project type                | What it proves                                                 |
|-----------------------------|----------------------------------------------------------------|
| SQL analysis                | You can query and join real data and answer business questions |
| Excel or Power BI dashboard | You can build clear dashboards for non-technical users         |
| Python EDA                  | You can clean and explore larger or messier data               |
| Case study write-up         | You can explain a problem and defend a recommendation          |
| End-to-end capstone         | You can carry a problem from raw data to a decision            |

# What each project page should contain



The business question in one sentence.



Data source, size and any limits.



Cleaning steps you took.



Two or three key charts with a sentence of insight each.



A recommendation and what you would do next.



A README that explains how to reproduce it.

# Common mistakes



Tutorial copies: the same Titanic or Iris project as everyone else shows nothing new.



Screenshots with no explanation.



No link to code or workbook.



Claiming work you cannot explain: interviewers will ask.

# How to use these PDFs



## STEP 1

### Read the roadmap

Start at the stage that matches your level.



## STEP 2

### Practise each topic

Try it yourself instead of only reading.



## STEP 3

### Revise key concepts

Use the tables before an interview or exam.



## STEP 4

### Move to the next stage

Go on when you can explain this one in your own words.

# Your Data Analyst Portfolio Projects PDF set



2–3 PDF files, each its own download



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PDF 1



PDF 2



PDF 3

Study material only. Not a certificate or a job guarantee.

# Frequently asked questions



## What should a data analyst portfolio include?

Three to five projects that cover SQL, a dashboard, some Python or Excel analysis, and at least one written case study, each with a clear question and findings.



## Where should I host my data analyst portfolio?

GitHub is the most common choice, with a README per project. A personal page or a LinkedIn featured section can link to it.



## How many projects should a portfolio have?

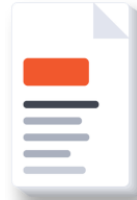
There is no fixed number. A few well-explained projects beat many shallow ones.

# Related UnCodemy PDF resources



## Data Analytics Projects PDF

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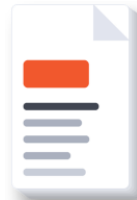
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# Data Analytics Program at a glance



**6-7 Months**

Program Duration



**120+ Hours**

of Learning



**75+**

Live Sessions



**10+**

Tools & Technologies



**Projects**

Hands-on Projects & Case Studies



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