Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

DIPLOMA PROGRAMS

Diploma in Data Analytics

SAMPLE PROJECT

Retail Analytics Portfolio



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

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Diploma in Data Analytics

Core concepts



01 Spreadsheet modelling, validation and PivotTables

02 SQL data extraction, joins and reporting models

03 Python, pandas and data quality checks

Scope the work

List the deliverables and identify which skills each one demonstrates.

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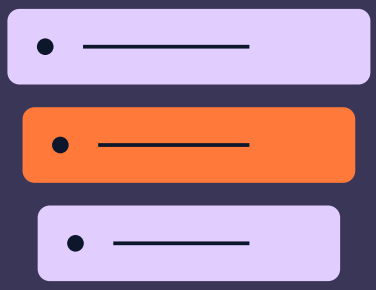
Applied skills

- **Design**
- **Build**
- **Demonstrate**



04 Visualisation, statistics and exploratory analysis

05 Power Query, Power BI modelling and DAX

06 Business recommendations and portfolio delivery

PROJECT DELIVERABLES

A portfolio brief, documented milestones and a demo or track-selection summary.

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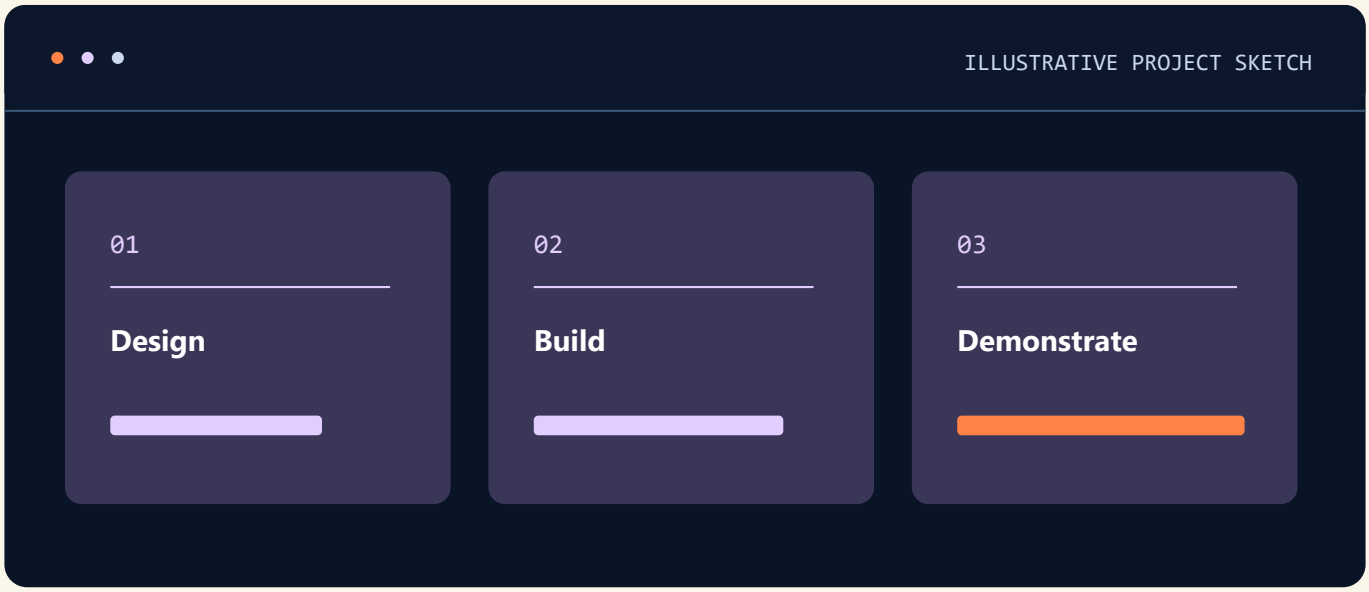
Portfolio project

Retail Analytics Portfolio

Combine a cleaned workbook, SQL reports, Python analysis and an interactive dashboard into a portfolio case.



Scope the work

List the deliverables and identify which skills each one demonstrates.

Review milestones

Record completed work, feedback and the changes made before the demonstration.

A portfolio brief, documented milestones and a demo or track-selection summary.

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Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

+91 70146 92039

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122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

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Course content

MODULES 01–02

01

Lessons & practice

- Spreadsheet modelling
- Validation
- PivotTables

HANDS-ON

Create a validated workbook and a PivotTable summarising retail data.

02

Lessons & practice

- SQL data extraction
- Joins
- Reporting models

HANDS-ON

Build SQL joins and reporting tables and reconcile grouped totals.

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Course content

MODULES 03–04

03

Lessons & practice

- Python
- Pandas
- Data quality checks

HANDS-ON Clean records with pandas and capture reusable data-quality checks.

04

Lessons & practice

- Visualisation
- Statistics
- Exploratory analysis

HANDS-ON Compare charts and report a distribution or trend that answers the question.

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MODULES 05–06

05

Lessons & practice

- Power Query
- Power BI modelling
- DAX

HANDS-ON — Create Power BI measures and test filters against a trusted total.

06

Lessons & practice

- Business recommendations
- Portfolio delivery

HANDS-ON — Present a portfolio case with the report, verified KPIs and a business recommendation.