Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

DIPLOMA PROGRAMS

Diploma in Python Programming

SAMPLE PROJECT

Document Processing Toolkit



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

+91 70146 92039

Diploma in Python Programming

Core concepts



01	Python fundamentals, functions and package environments
02	Collections, OOP, exceptions and debugging
03	Files, CSV, JSON, APIs and SQL basics

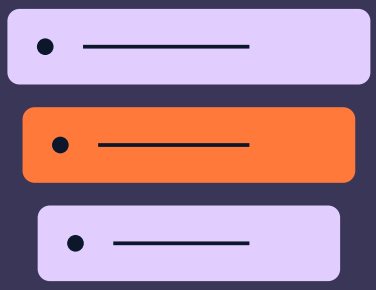
Scope the work

List the deliverables and identify which skills each one demonstrates.

Diploma in Python Programming

Applied skills

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



04 Type hints, testing and reusable module design

05 Automation, data workflows and web fundamentals

06 Capstone packaging and project documentation

PROJECT DELIVERABLES

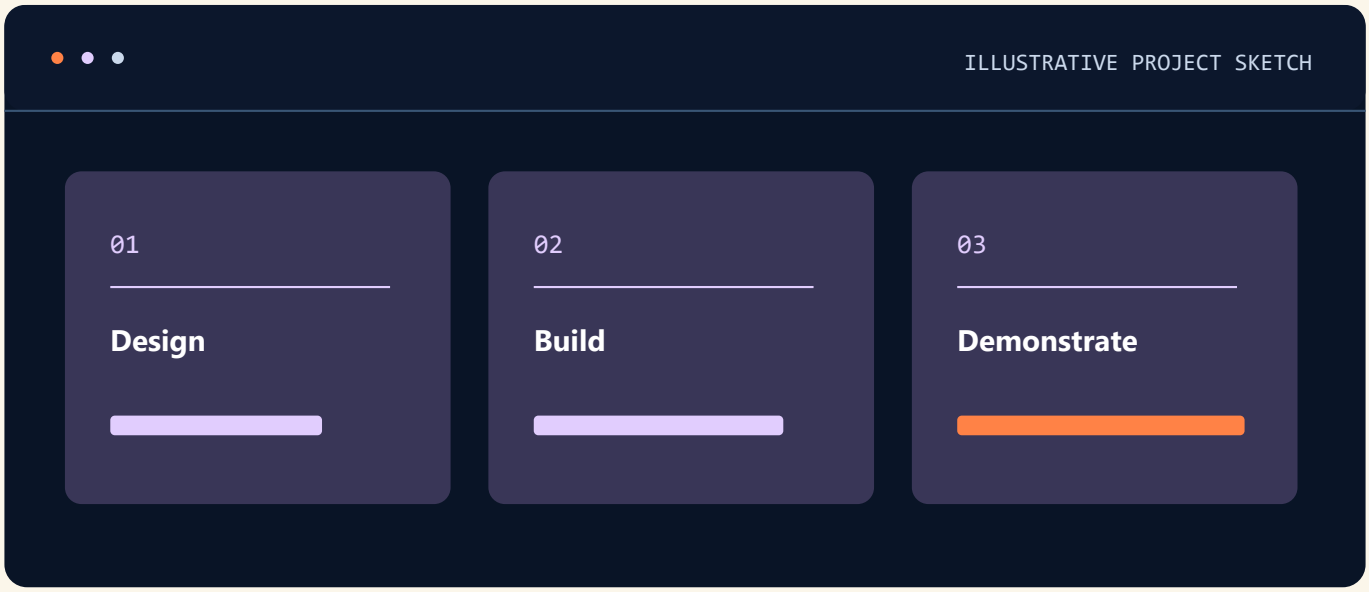
A portfolio brief, documented milestones and a demo or track-selection summary.

Diploma in Python Programming

Portfolio project

Document Processing Toolkit

Build a Python command-line tool that reads structured files, generates reports and handles invalid inputs.



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.

Diploma in Python Programming

Course fees

COURSE FEE

Fee on enquiry

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

ADMISSIONS

+91 70146 92039

info@jaipurengineers.com

122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

Diploma in Python Programming

Course content

MODULES 01–02

01

Lessons & practice

- Python fundamentals
- Functions
- Package environments

HANDS-ON

Build a Python script using reusable functions and an isolated environment.

02

Lessons & practice

- Collections
- OOP
- Exceptions
- Debugging

HANDS-ON

Model records with classes and handle a failed operation with useful feedback.

Diploma in Python Programming

Course content

MODULES 03–04

03

Lessons & practice

- Files
- CSV
- JSON
- APIs
- SQL basics

HANDS-ON Read CSV and JSON, query SQL and call a sample API.

04

Lessons & practice

- Type hints
- Testing
- Reusable module design

HANDS-ON Refactor code into tested modules and add useful type hints.

Diploma in Python Programming

Course content

MODULES 05–06

05

Lessons & practice

- Automation
- Data workflows
- Web fundamentals

HANDS-ON Automate a practice data task and expose its result in a simple web workflow.

06

Lessons & practice

- Capstone packaging
- Project documentation

HANDS-ON Package a documented tool, sample inputs and repeatable tests.