GETU ACADEMY

YOUR ROADMAP

TO BE A

# DATA ENGINEER

What to study, in this order. One thing to build at each step.

## 1 SQL

Joins · Window functions · Query tuning

**BUILD** Finish every SQLBolt lesson.

## 2 Python

Pandas · APIs · PySpark

**BUILD** Pull data from a public API into a table.

## 3 Data modeling

Star schema · Warehouses · Data lakes

**BUILD** Sketch a star schema for an online store.

## 4 ETL + ELT

dbt · Batch jobs · Data quality

**BUILD** Build one dbt model with a test on it.

## 5 Orchestration

Airflow · Scheduling · Monitoring

**BUILD** Schedule your API pull to run every day.

## 6 Platforms

Snowflake · BigQuery · Spark

**BUILD** Load your table into a cloud warehouse and query it.

## 7 THEN PROVE IT WITH A CERT

### Databricks Data Engineer Associate

15 practice questions free, no sign-up

getuprep.com/databricks/databricks-dea >

## WHERE TO LEARN IT

- SQLBolt: SQL lessons in your browser — OPEN >
- Data Engineering Zoomcamp (free, self-paced) — OPEN >
- Kaggle Learn: Python and Pandas (no cost) — OPEN >

**START TODAY** Do SQLBolt lesson 1, then open Zoomcamp module 1.

If this helped, please consider following @getuacademy