

BECOME THE END-TO-END DATA PROFESSIONAL

LIVE COHORT 3

CODEBASICS PRESENTS

DATA ENGINEERING BOOTCAMP

FOR ANALYSTS

Data Engineering Bootcamp for Analysts

Build the pipelines behind your dashboards.

Go from SQL to production pipelines on Azure, Databricks and Microsoft Fabric, live, over eleven weeks of weekends.

STARTS

Sat 31st Oct
2026

LIVE

Sat & Sun
5 to 8 PM IST

DURATION

11 weeks
20 live sessions

INNER CIRCLE

₹36,000
until 27th Oct

- ✓ For analysts who already write SQL
- ✓ 1 year of recordings
- ✓ No-questions-asked refund

You already use the data. Now learn to move it.

Analysts who can build and run pipelines stop waiting on tickets. Here is the road, week by week.

Wk 1

Write the SQL a warehouse runs on

Window functions, MERGE upserts, incremental loads and CDC, checked against the execution plan.

Wk 3

Design the model before the pipeline

Grain, star schemas, SCD Type 2, then config-driven Python with logging, retries and secrets.

Wk 4

Move data fast, then see what Spark did

Real APIs, async work, PySpark on Databricks and the Spark UI to find skew and spill.

Wk 6

Make it production ready on the cloud

Delta Lake across bronze, silver and gold, then ADLS Gen2, Event Hubs and Key Vault on Azure.

Wk 7

Run hundreds of tables from one control table

Metadata-driven Data Factory pipelines, then an end-to-end Microsoft Fabric build.

Wk 9

Test it, schedule it, ship it

A tested dbt project, an Airflow DAG that retries and alerts, and CI/CD with GitHub Actions.

Wk 11

Stream it, interview for it, demo it

Kafka into Delta, interview prep from your own resume, then your capstone demo.

WHO IT'S FOR

Built for working analysts.

You need

- ✓ SQL at a working level
- ✓ Some time with dashboards or reports
- ✓ No Python or Spark needed, both are taught

Not for you if

- ✗ You have never written SQL
- ✗ You want a recorded course only

Eight builds. One capstone.

All on a real stack.

Every build goes in your repo, so you can show the work in an interview instead of describing it.

BUILD 1

Warehouse-grade SQL

MERGE upserts, incremental loads and CDC, tuned by reading the execution plan.

BUILD 2

A dimensional model

Grain declared, facts and dimensions split, SCD Type 2 handled across medallion layers.

BUILD 3

Config-driven Python pipeline

Packaged, logged, retried and tested with pytest, with secrets handled from the start.

BUILD 4

A tuned Spark job

PySpark on Databricks, fixed with partitioning, broadcast joins and caching.

BUILD 5

Incremental lakehouse ETL

Delta tables with time travel, Change Data Feed and MERGE across bronze, silver and gold.

BUILD 6

Metadata-driven orchestration

One control table driving many tables through Data Factory, with a failure path.

BUILD 7

End-to-end Microsoft Fabric

OneLake, Eventstream and a DirectLake dashboard on one copy of the data.

BUILD 8

Tested dbt project + Airflow DAG

Staging, snapshots and incremental marts, scheduled by a DAG that retries and alerts.

CAPSTONE · BRIEF 20TH DEC, DEMO 16TH JAN

One production-grade pipeline repo

You build it yourself, get help at a midweek jamming session, then present it to mentors and peers.

Source data
APIs, files, events



Ingest
Python, Data
Factory



Transform
Spark, Delta, dbt



Run it
Airflow, CI/CD



Report
Fabric, Power BI

20 live sessions.

Four phases.

Saturdays and Sundays, 5 to 8 PM IST: two hours of learning, a short break, then doubt clearing.

PHASE 01

Foundations

01

Sat 31st Oct

SQL for Modern Data Engineering, Part 1

Semi and anti joins · Join algorithms · Window functions

02

Sun 1st Nov

SQL for Modern Data Engineering, Part 2

Recursive CTEs · MERGE · CDC · Execution plans

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7th and 8th Nov

Diwali weekend, no sessions

Catch up on practice at your own pace

03

Sat 14th Nov

Data Modelling and Warehouse Engineering

Grain · Star and snowflake · SCD 1 and 2 · Medallion

04

Sun 15th Nov

Production Python for Data Engineers

Config-driven design · Logging · Retries · Secrets

05

Sat 21st Nov

Advanced Python Data Processing

APIs · Async · Parallel · File streaming · Pytest

06

Sun 22nd Nov

PySpark Deep Dive

Catalyst · Skew · Broadcast joins · Spark UI

07

Sat 28th Nov

Stakeholder Management and Personal Branding

Explaining your work · Writing templates · LinkedIn

08

Sun 29th Nov

Career Guidance

Open Q&A · Career direction · Realistic timelines

PHASE 02

Platforms and Cloud

09

Sat 5th Dec

Delta Lake and Lakehouse Engineering

Time travel · OPTIMIZE and ZORDER · Change Data Feed

10

Sun 6th Dec

Azure Data Engineering Stack

ADLS Gen2 · Event Hubs · Key Vault · Managed identities

CURRICULUM, CONTINUED

11

Sat 12th Dec

Enterprise Data Pipelines

Data Factory · Control tables · Triggers · Failure handling

12

Sun 13th Dec

Microsoft Fabric Engineering

OneLake · Eventstream and KQL · DirectLake · Governance

PHASE 03

Transformation and Orchestration

13

Sat 19th Dec

dbt Core Fundamentals

Models and sources · Snapshots · Tests · Macros

14

Sun 20th Dec

Connecting the Dots and Capstone Introduction

Architecture recap · Trade-offs · Capstone brief

15

Sat 26th Dec

Apache Airflow Engineering

DAGs · TaskFlow · Scheduling · Retries and alerting

PHASE 04

Production and Launch

16

Sun 27th Dec

CI/CD and Reliability Engineering

Pull requests · GitHub Actions · Freshness checks

17

Sat 2nd Jan

Streaming Data Engineering

Kafka · Consumer groups · Structured Streaming · Checkpoints

18

Sun 3rd Jan

Winning Data Engineering Interviews

Your resume as the question paper · Multi-round strategy

19

Wed 6th Jan

Capstone Jamming Session

Midweek, 7:30 to 9:00 PM IST

20

Sat 16th Jan

Final Demo and Graduation

Evening, 8:00 to 9:30 PM IST

TOOLS YOU'LL USE

The stack teams actually hire for.

SQL Server

Python

Pytest

Databricks

PySpark

Delta Lake

Azure Data Factory

ADLS Gen2

Key Vault

Microsoft Fabric

Power BI

dbt Core

Apache Airflow

GitHub Actions

Apache Kafka

Azure Event Hubs

Docker

WHO TEACHES YOU

Learn from people who build data platforms.



Harun Raseed Basheer

Team Lead, Data Engineering,
Hitachi Solutions

Leads the live weekend sessions.



Hemanand Vadivel

Co-founder and CEO, Codebasics

Leads the career and stakeholder sessions.



Kirandeep Marala

Analytics Engineer and
Programme Manager, Codebasics

Plans the sessions and reviews what you ship.



Dhaval Patel

Founder, Codebasics

Curriculum advisor for this cohort.

WHAT'S INCLUDED

Everything in one place.

20

live sessions

3 hours each on weekends

8

hands-on builds

plus one capstone repo

1 yr

of recordings

every session

₹36,000

DE Bootcamp 1.0

included with the cohort

1

interview prep session

built around your own resume

1

capstone jamming

midweek, with mentors

From the Cohort 2 live chat.

Typed during the sessions, word for word.

"I joined DE Live bootcamp and the live sessions are so good - you guys really made sure everyone understood foundations and concepts very well. Glad I joined"

Keerthana V · Cohort 2

"The use of whiteboard to explain concepts was useful to me. Seeing concepts visually first before code helps!"

Rucha · Cohort 2

"When Harun is explaining it seems like I'm interacting with my DE colleague. These are the things we need to learn queries in optimized way"

Hasan · Cohort 2

"I especially liked production ready code standard... thank you very much"

Rasaraj · Cohort 2

"The narrative of analytics to DE with example and the roadmap is shown is amazing"

Vishwas · Cohort 2

168+ learners across Cohorts 1 and 2 of this bootcamp.

1.5M+

YouTube subscribers

735K+

learners

85K+

paid learners

7000+

5-star reviews

Cohort 3 starts Saturday 31st October.

INNER CIRCLE

₹36,000

Until 27th Oct

Outside India: **US\$630**

STANDARD

₹48,000

From 28th Oct

Outside India: **US\$840**



No-questions-asked refund until 2nd Nov

Attend the first two live sessions, then decide. For non-EMI enrollments.

- ✓ EMI available
- ✓ Includes Data Engineering Bootcamp 1.0, worth ₹36,000
- ✓ Already own a Codebasics data engineering bootcamp? Pay only the difference at checkout

ENROLLMENT
OPENS

15th Oct

INNER
CIRCLE
CLOSES

27th Oct

BOOTCAMP
STARTS

31st Oct

REFUND
WINDOW
ENDS

2nd Nov

ENROLLMENT
CLOSES

7th Nov

DEMO DAY

16th Jan

**Eleven weeks from now, you could own the
pipeline, not just the dashboard.**

Scan to enroll, or visit codebasics.io

