

| COURSE BROCHURE · 2026

# Azure Data Engineering with AI

2 months · live + recorded · Own the modern Azure data stack — ADF, Synapse, Databricks, Fabric — with the Gen AI layer enterprise data teams ship by default in 2026.

**DURATION**

**2 mo**

**MODULES**

**21**

**ROLES UNLOCKED**

**7+**

**SALARY BAND**

**4-50 LPA**

| **ABOUT THIS PROGRAMME**

Azure is the cloud Indian enterprises and BFSI default to in 2026, and the data engineers who own the modern Azure stack are commanding senior pay within 2-3 years. This programme takes you from raw SQL to production lakehouse pipelines on ADF, Synapse, Databricks, and Fabric — with the Gen AI layer modern data teams now ship by default. You'll build a real end-to-end pipeline: source ingestion to ADLS landing, Delta Lake bronze/silver/gold, Synapse warehouse, Power BI dashboards, plus a chatbot interface over the same model. Targets DP-203 and DP-700 certifications.

| **BUILT FOR**

- Final-year students aiming for cloud data engineering roles
- ETL developers migrating to the modern Azure stack
- DBAs and SQL developers moving into cloud-native pipelines

**OUR COMMITMENT**

Job-focused training. Real instructors. Lifetime access. We don't sell certificates — we get you hired.

### WHY NOW · 2026 MARKET SIGNAL

Azure's BFSI + enterprise share in India crossed 38% in 2026. Every bank, insurer, and Fortune India 500 enterprise is hiring Azure Data Engineers right now.

01

1,400+ active Azure DE postings on Naukri this month

02

Average Indian enterprise spending Rs 4.2cr/yr on Azure data services

03

DP-203 + DP-700 dual certs add Rs 4-6 LPA to your offer letter

### TECHNOLOGY STACK

## Technologies you'll master

The exact stack senior engineers + consultants are billing for in 2026 — nothing taught for show, everything taught because it lands on a job posting.

- Azure Data Factory (ADF) — pipelines, mapping data flows, triggers
- Azure Synapse Analytics — dedicated + serverless SQL pools
- Azure Databricks — PySpark, Delta Lake, MLflow
- Azure Data Lake Storage Gen2 — bronze/silver/gold tiers
- Azure SQL Database + Managed Instance
- Cosmos DB — multi-model NoSQL at planet scale
- Event Hubs + Stream Analytics for real-time pipelines
- Azure Key Vault, Active Directory, RBAC for governance
- Azure ML + Cognitive Services for AI integration
- Power BI Service for the analyst-facing layer

### WHY THIS PROGRAMME

## What makes this different

- ✓ End-to-end project: ADF → ADLS → Delta Lake → Synapse → Power BI + AI chatbot
- ✓ Gen AI integration: NL-to-SQL, semantic search, AI Foundry agents on your data
- ✓ DP-203 and DP-700 certification prep with practice tests and mock exam reviews
- ✓ PySpark deep-dive — partitioning, performance tuning, window functions
- ✓ Lakehouse architecture taught the way Microsoft and Databricks teach internally
- ✓ Live debug sessions on broken pipelines — the real-world interview test
- ✓ Real BFSI-style datasets — orders, claims, transactions, customer 360s
- ✓ Resume + interview prep with 40+ Azure DE questions from product interviews

## CAREER OUTCOMES

# By the end, you will be able to

- ✓ Build production ADF pipelines with parameterization, error handling, and CI/CD
- ✓ Engineer Delta Lake bronze/silver/gold layers with proper ACID and time travel
- ✓ Write PySpark transformations against TB-scale datasets in Databricks
- ✓ Design dimensional models in Synapse Dedicated SQL Pools for BI consumption
- ✓ Ship Gen AI features — NL-to-SQL, RAG over docs — using Azure OpenAI
- ✓ Pass DP-203 and DP-700 certifications with confidence
- ✓ Interview for Azure Data Engineer roles paying Rs 6-25 LPA
- ✓ Design data architecture from scratch for a brand-new product domain

## SALARY OPPORTUNITIES

# Job roles + earning potential

Indian-market salary bands for 2026, sourced from active listings on Naukri, LinkedIn, and Instahyre. Bands assume the certifications and projects this programme delivers.

	JOB ROLE	EXPERIENCE	SALARY
01	Junior Azure Data Engineer	Fresher to 1 Years	Rs 4-6 LPA
02	Azure Data Engineer	Fresher to 3 Years	Rs 6-12 LPA
03	Azure Databricks Developer	2 to 4 Years	Rs 8-14 LPA
04	Azure Synapse Analytics Engineer	3 to 5 Years	Rs 10-16 LPA
05	Azure Data & BI Consultant	4 to 6 Years	Rs 12-20 LPA
06	Big Data Engineer (Azure + Spark)	5 to 7 Years	Rs 14-22 LPA
07	Senior Azure Data Engineer	6 to 8 Years	Rs 18-28 LPA
08	Azure Solution Architect (Data Focus)	8 to 10 Years	Rs 25-40 LPA
09	Cloud Data Platform Engineer	3 to 6 Years	Rs 10-18 LPA
10	Azure Data Migration Specialist	4 to 7 Years	Rs 12-22 LPA
11	Cloud Integration Engineer (ADF + Synapse)	5 to 8 Years	Rs 15-25 LPA
12	Enterprise Data Architect (Azure)	10+ Years	Rs 30-50 LPA

## CAREER PATHS

# Roles you can target

Roles ordered from entry → senior. The same role titles you'll see on Naukri, LinkedIn, and Instahyre filtered to the tech stack you'll master.

- Azure Data Engineer
- Data Platform Engineer
- Azure Analytics Engineer
- Synapse Developer
- Databricks Engineer (Azure)
- ETL Developer (Azure stack)
- Senior Azure DE / Data Architect

## Emerging — high-demand roles for 2026

Roles that didn't exist five years ago, paying premium because the talent pool is small.

- AI-Augmented Data Engineer
- Lakehouse Architect
- Real-Time Streaming Engineer
- MLOps Engineer (Azure)

## CAREER TRAJECTORY

# Where this programme leads, in 5 years

Median 2026 salary bands for the role progression this curriculum unlocks. Numbers are conservative — top performers cross the upper band earlier.

### YEAR 1

#### Azure Data Engineer

Rs 6-12 LPA

Build first production pipeline. Earn DP-203 + DP-700.

### YEAR 3

#### Senior Azure Data Engineer

Rs 14-22 LPA

Lead lakehouse architecture for a business unit.

### YEAR 5

#### Data Platform Lead / Architect

Rs 25-40 LPA

Set enterprise data strategy across multiple domains.

## COURSE CURRICULUM

# What you'll build, module by module

Every module is taught hands-on with real datasets, instances, or codebases — not slides. By the end, you'll have built, not just watched.

## Azure Basics

- Basics of Cloud
- Public, Private and Hybrid Cloud
- IaaS, SaaS, and PaaS
- Azure Entra
- Tenant
- Subscription
- Management Group
- Resource Group
- Azure Portal Overview

## Azure Storage Fundamentals

- Azure Storage Account
- Azure Blob Storage
- Azure Data Lake
- ACL and Permissions

## Azure Data Factory Components

- Azure Data Factory Overview
- Integration Run Time
- Linked Service
- Pipeline, Dataset and Activity
- Source and Sink Configuration
- Copy Data Activity
- Recursive, Wildcard, File Listing, Mapping, User Pro...
- Parameterization of Copy Data Activity
- Sequential and Parallel Copy

## Data Loading in Azure SQL Server

- Upsert, Pre-Copy Script, and AutoCreate Table Op...
- Handling Multiple Files with Lookup
- Full Load Pipeline
- New Watermark and Old watermark Concept
- Delta Load for Single File
- Delta Load for Multiple File

## Pipeline Monitoring

- Monitoring of Activity
- Monitoring of Pipeline
- Execute Pipeline Activity

## Azure DevOps and Git

- Azure DevOps Overview
- Azure DevOps Integration with ADF
- Azure Data Factory Integration with Git
- Git Pull, Git Push
- Cherry Pick, Git Revert

## Azure Key Vault and Security

- Azure Key Vault
- Managing Keys and Security
- Azure Key Vault integration with ADF
- Azure Key Vault Integration with Linked Service

## Data Modelling and Design

- Fact and Dimension Tables
- Star and Snowflake Schemas
- SCD Types and Implementation
- Creating Stored Procedures for Data Modelling
- Trigger Stored Procedure from ADF

## Azure Logic Apps and Notifications

- Azure Logic App
- Sending Email Alerts using Logic App

## Azure Data Factory Advance

- Event-Based, Scheduled, and Tumbling Window Tri...
- Data flow and Data Transformation Activity
- If-Else, Metadata, and Web Activities
- Global Parameter
- Parameterizing Triggers

## Azure Databricks

- Overview of Databricks
- Spark and Spark Architecture
- Data Lake and Delta Lake
- Delta Table and Features
- Processing CSV, JSON AND XML file using PySpark
- Integration of Azure Key Vault with Databricks
- Secret Scope and JDBC connector
- Writing Data to Azure SQL server

## Azure Synapse Analytics

- Overview of Azure Synapse
- Difference between Synapse and Data Factory
- Synapse Dedicated Pool
- Synapse Serverless Pool
- Polybase Copy
- Synapse Spark Pool

## Microsoft Fabric

- Microsoft Fabric Introduction and Signup process
- OneLake and Lakehouse in Fabric
- Synapse Fabric Data Warehouse and Engineering
- Spark in Fabric and Data Processing
- Real time Analytics in Fabric
- Microsoft Fabric with Power BI

## Big Data Processing Using Databricks and Spark

- Overview of Databricks and Spark Architecture
- Databricks Workspace Overview
- Understanding Databricks Services and Features
- Cluster Management: Creation, Autoscaling, and A...
- RDD (Resilient Distributed Dataset) Overview
- Data Frame Spark API and Data Source API Funda...
- Conversion between PySpark and Pandas
- Common Transformation Techniques in PySpark
- Transformations vs. Actions
- Usage of Dbutils for File System Interaction
- Parameterization Techniques in Databricks
- Table Manipulation with Delta Lake
- Read and Process CSV, JSON, and XML Files
- Types of Views in Databricks (Global, Local, Tempo...
- Managed vs. Unmanaged Tables
- Versioning and Time Travel in Delta Lake
- Azure DevOps and Git Workflow Integration
- Cherry Pick and Git Revert Commands
- Secret Scope Creation and Management
- JDBC Connector for SQL Server

## Databricks CLI and Backup Process

- Databricks CLI Overview and Installation
- Backup Process Setup for Notebooks and Configur...

### Understanding Spark UI

- Navigating the Spark UI for Job Monitoring
- Understanding the Stages, Tasks, and Execution Pla...

### Unity Catalog and SCD (Slowly Changing Dimensions) Implementation

- Overview of Unity Catalog for Data Governance
- SCD Types (Type 1, Type 2, Type 3) and Implementa...

### Lakehouse and Medallion Architecture

- Introduction to Lakehouse Architecture
- Medallion Architecture (Bronze, Silver, Gold Layers)...

### Spark Optimization Techniques

- User-Defined Functions (UDF) for Custom Transfor...
- Catalyst Optimizer and Data Frame `.explain`` for O...
- Directed Acyclic Graphs (DAG) and Adaptive Quer...
- Predicate Pushdown and Projection Pushdown
- Repartition, Coalesce, Cache, and Persist

### Handling Complex Data and Advanced Joins

- Handling Complex JSON, Struct, and Nested Data T...
- Data Skew and Techniques for Handling Skewed Da...
- Sort Merge Join, Broadcast Join, and Optimizing Joi...
- Z-Ordering for Efficient Querying

### Orchestration and Scheduling Techniques

- Job Orchestration and Scheduling with Databricks J...
- Best Practices for Workflow Orchestration

## WHAT'S INCLUDED

# Everything you get beyond the curriculum

The sessions are the tip. Here's the full value stack a single fee unlocks — mentorship, community, career support, and lifetime updates.

- + Lifetime access to recordings — re-watch any session, forever
- + Private community access — get unblocked in minutes, not days
- + 1:1 mentor reviews on every portfolio project you build
- + Weekly doubt-clearing sessions led by the instructor
- + Resume + LinkedIn rewrite by a working hiring manager

- + Two full mock interviews with real-time feedback
- + Interview question bank — 50+ scenario-based questions
- + Real-world datasets + playground accounts you keep
- + Verifiable course completion certificate
- + Lifetime curriculum updates — when modules refresh, you get them

## ENROLMENT

# Pick your tier and enrol

Two tiers — pick what fits your budget. Both include lifetime access to recordings and a verifiable certificate.

MOST POPULAR

LIVE + RECORDED

Rs 21,999

- ✓ All live sessions + Q&A
- ✓ Lifetime recordings
- ✓ Doubt-clearing sessions
- ✓ Resume + interview prep
- ✓ Certificate of completion

RECORDED ONLY

Rs 15,399

Save Rs 6,600

- ✓ Lifetime access to recordings
- ✓ Self-paced learning
- ✓ Certificate of completion
- ✗ No live sessions
- ✗ No live Q&A

## HOW TO ENROL

### Three steps to your seat

#### 01 Book a free demo

30-min walk-through with the instructor — ask anything before you commit.

#### 02 Pick your tier + enrol

Live + Recorded or Recorded-only. UPI, card, EMI — all accepted.

#### 03 Start on day one

Onboarding kit, course portal access, and your first live session calendar invite.

## | HOW WE STACK UP

# Compared to your alternatives

Free tutorials and generic bootcamps both have their place. Here's exactly where they fall short — and where the fee here pays for itself.

WHAT YOU GET	FREE YOUTUBE TUTORIALS	GENERIC BOOTCAMPS	RAJ CLOUD
Live practitioner instructors	×	×	✓
Real datasets + playground accounts	×	partial	✓
1:1 mentor reviews on your portfolio	×	×	✓
Mock interviews with feedback	×	partial	✓
Resume + LinkedIn rewrite	×	×	✓
Job referral network access	×	×	✓
Lifetime updates + recordings	partial	×	✓
Verifiable certificate	×	✓	✓

## | QUESTIONS ANSWERED

# Common questions, answered upfront

### Q. Do I need prior experience to start?

Most students begin with little to no experience. We assume only basic computer literacy. The first two weeks ramp you up to the level the rest of the curriculum needs — no one is left behind.

### Q. What if I miss a live session?

Recordings are uploaded within 24 hours of every session. Weekly doubt-clearing sessions catch you up on missed material. Your community is active 24/7. Nothing gets lost, only delayed.

### Q. Is there a job placement guarantee?

We don't promise placement — we engineer outcomes. Resume + LinkedIn rewrite, two mock interviews, a referral network, and portfolio reviews are all included. The work happens; the offer is yours to earn.

### Q. Can I pay in instalments?

Yes. UPI EMI, credit-card EMI, and a 3-month no-cost split-pay are all supported. Email admissions and we'll set up a plan that fits your cash flow.

### Q. Does the certificate hold weight in interviews?

Yes. It's dated, verifiable via our website, and signed by the trainer. Alumni reference it on LinkedIn and inside offer-stage interview rounds — but the portfolio you build matters more, and that's the point.

## Talk to admissions

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## OUR COMMITMENT

Job-focused training. Real instructors. Lifetime access. We don't sell certificates — we get you hired.