gnixar
SCHOOL OF TECH

Build & Invest in your tech future with Gnixar

Data Analytics
with AWS & Azure

#EMPOWER YOUR DREAMS

WHY GNIXAR

Tired of EdTech companies that promise skills but prioritize degrees? Feeling stuck in your current career? Limited by outdated skills? Ready to make a change or unlock new opportunities in the booming tech industry?

In a world where tech skills are in high demand, Gnixar stands out with a refreshing focus on the individual learner. We understand that conventional education models often fall short and that '**one-size-fits-all**' learning leaves many behind. That's why we embrace these core principles:

- **Skills over Degrees:** We believe that demonstrated abilities matter more than a piece of paper. Our programs focus on building practical, in-demand tech skills that employers value

- **Personalized Attention**: Every student learns at their own pace. Our limited batch sizes ensure that instructors can provide tailored guidance, address individual roadblocks, and help you reach your full potential

- **Lifelong Learning:** The tech world changes rapidly. Gnixar's commitment extends beyond your initial course completion. We offer ongoing upskilling opportunities and a supportive alumni network to help you continuously grow and adapt in your tech career.

Lead Mentor — Kinjal Roy

Data Engineering Architect & Manager | AWS Data & Analytics Specialist | Multi-Cloud Expert (Azure | GCP)

Kinjal Roy is an accomplished data engineering leader with 10+ years of experience in cloud-based analytics and data pipeline design.

He specializes in AWS services like Redshift, Lambda, Glue, S3, EventBridge, and CloudWatch, while also possessing strong exposure to Azure Data Factory, Databricks, and GCP BigQuery.

Having worked with Tredence Analytics, Softcrylic, Deloitte USI Kinjal has led multi-regional, high-impact projects for global enterprises.

An alumnus of IIT Delhi (Masters) and Institute of Engineering & Management (B.Tech – Computer Science), he blends technical mastery with strategic business acumen.

Kinjal's sessions are focused on hands-on AWS implementation, integrated with case studies from Azure and GCP, preparing learners for multi-cloud readiness in enterprise environments.

Course Curriculum

1. Data

·Data - knowledge - information - insight – wisdom
·Why data is a gold mine
·Data Journey
·Data Analytics vs Data Engineering vs Data Science

2. Data Engineering Basics:

·ETL Concepts
·ETL vs ELT
·Data Lake vs Data Warehouse
·Batch vs Streaming Processing

3. Cloud Introduction

·What does it mean
·Why it came into existence - evolution
·Common Principles
a.Subscription, resources, blobs
b.IAM (user management)
·Potential players - Amazon, Microsoft, Google

4. Pre-Requisite Technologies

·SQL
·Python Pandas
·Data Formats - CSV, Json, parquet, etc.

5. Familiarity with AWS interface

·AWS Console Tour
· Billing and Cost Monitoring
·CLI & SDK (Boto3)

6. Basic Pipeline - Creating your 1st Pipeline

·S3 - CSV
·Amazon RDS + Query Editor
·Principles of data Engineering
a.Referential Integrity
b.Data Modelling
c.Data Architecture
d.Amazon QuickSight - Visualization

7. Intermediate Pipeline - Scalability

·Sources
    a.RDS
    b.CSV
·AWS Redshift - Large Scale Columnar DW
·Athena/ Redshift Spectrum - Query Services
·PowerBI - Visualization

8. Advanced Pipeline - Automation & Notification

·Sources
    a.RDS
    b.CSV
    c.Parquet
·AWS Lambda Pipeline scripts - Serverless Solution
·AWS Redshift
·AWS Eventbridge - Orchestration
    a.Timebased
    b.Event-based
·CloudWatch + SNS - Notification

9. Next Steps

·Big Data
·Corresponding services on Azure and GCP
·CI/CD

Technologies and Tools Learners Will Master

- **AWS Services:** S3, Redshift, Glue, Lambda, EventBridge, CloudWatch, SNS
- **Programming & Querying:** Python (Pandas, Boto3), SQL
- **Data Visualization:** Amazon QuickSight, Power BI
- **Data Modelling & Architecture:** Dimensional Modelling, Star Schema, Normalization
- **Orchestration & Automation:** AWS Lambda, EventBridge

Projects

Learners will complete multiple hands-on projects, each designed to simulate real-world enterprise scenarios:

Capstone Project 1

Design and implement your first end-to-end data pipeline on AWS, focusing on foundational data engineering principles.

Capstone Project 2

Develop a scalable data analytics solution using AWS Redshift and associated query services, handling multiple data sources efficiently.

Capstone Project 3

Design an advanced, fully automated, and serverless data pipeline with orchestration and notification capabilities.

Why Should You Do This Course

Most people associate data analytics with basic reporting or spreadsheet work — but that only scratches the surface. This course is designed to move you far beyond manual data handling into the world of enterprise-grade cloud analytics.

By the end of the program, you'll not only know how to analyze data, but also how to engineer and automate data systems that power real business decisions at scale.

Key Reasons to Enroll

·Go beyond Excel and MIS dashboards
·Master cloud-based data analytics on AWS
·Extract true business intelligence
·Work with massive data volumes
·Learn industry-standard tools
·Understand the full data journey
·Design scalable, future-ready solutions
·Speak the language of data professionals
·Stay interview-ready

Future Scope

This program prepares learners for some of the most in-demand roles in the global analytics and cloud ecosystem. By completing this course, you will not only master the technical stack but also gain the strategic ability to design, automate, and scale data systems that power real-world business decisions.

Because the curriculum covers the **entire end-to-end data journey**—from ingestion and modelling to orchestration, visualization, and automation—you will be able to operate across all layers of the analytics lifecycle.

Furthermore, since the course includes **comparative exposure to AWS, Azure, and GCP**, you'll find it effortless to adapt to other environments and eventually evolve into a multi-cloud solution provider—a capability that is exceptionally rare in the industry and offers superior employability with attractive remuneration.

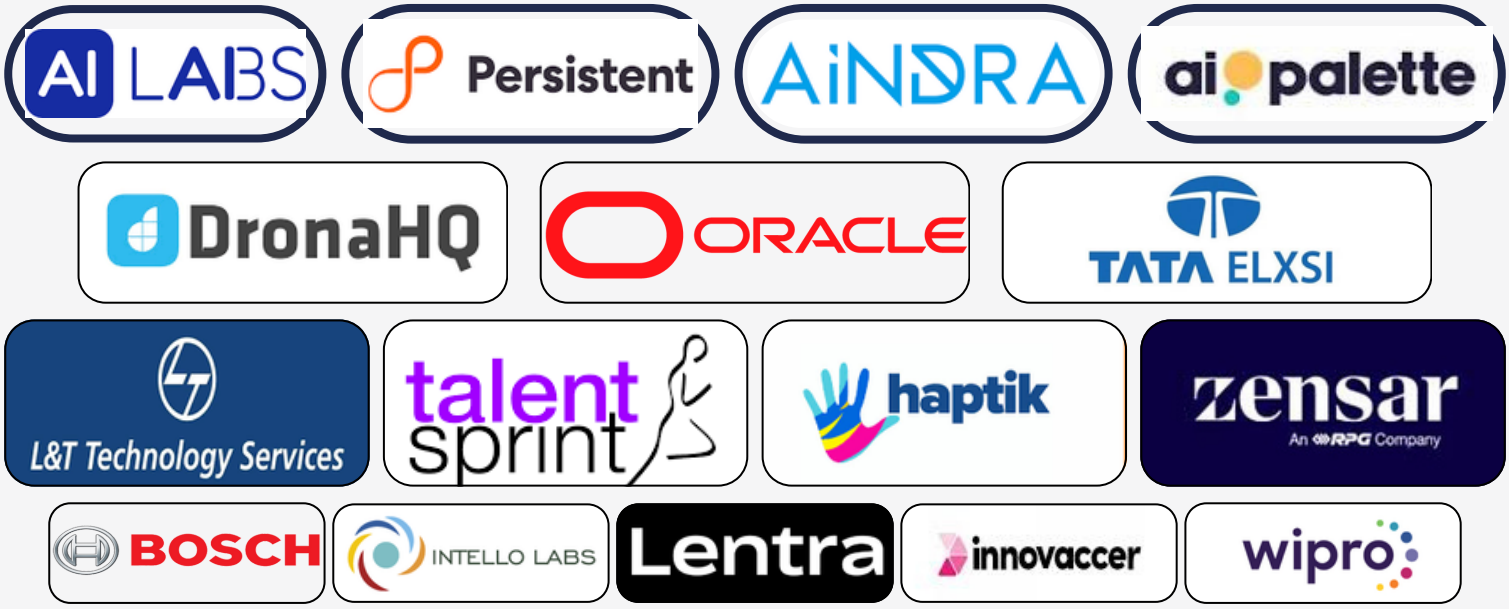
Whether you choose to **specialize vertically** in one technology stack or **expand horizontally** across platforms, this course makes you future-ready on both fronts.

Potential Career Paths

- AWS Data Engineer / Cloud Data Architect
- Data Analyst / Business Intelligence Analyst
- Data Visualization Engineer / BI Developer
- Analytics Engineer / Reporting Specialist
- DataOps / Automation Engineer
- Multi-Cloud Solution Architect
- Big Data Engineer (Spark, EMR, Databricks)
- Cloud Integration Engineer (ETL / ELT)
- Data Platform Administrator
- Machine Learning Data Pipeline Engineer

In essence, this course positions you not just for your first job, but for a sustainable, high-growth career in data analytics, cloud engineering, and enterprise solution architecture—fields where the demand for skilled, cloud-ready professionals continues to surge globally.

Hiring Partners



Course Fee

Category	Your Salary Range (CTC)	Admission Fee	Total Payable Fee (Including taxes if applicable)
A	< 3.5 LPA	₹5000	₹80,000
B	3.5-6 LPA	₹5000	₹1,50,000
C	6-10 LPA	₹5000	₹2,30,000
D	10 LPA & Above	₹5000	₹3,00,000

*Get started by paying only an upfront fee of about **₹49,000**, and the rest after successful placement.

Admission Process

Register

Sign-Up for the Program with your Basic Details and Pay the Admission Fees.

Join

Join the Program and take demo class.

Pay

Pay the upfront fees of ₹49,000, and the rest amount after successful job placement.

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SCHOOL OF TECH

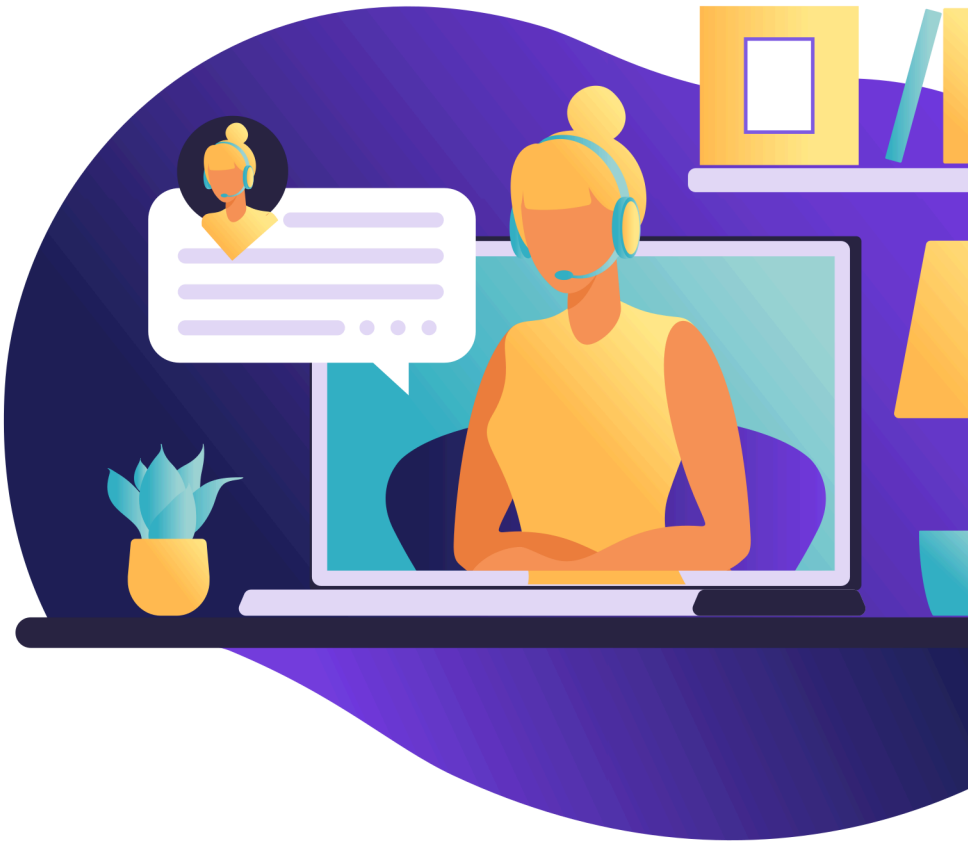
Ready to turn your dreams into reality ?

Our lines are always open for dreamers !

Speak with our career Counselor

Connect with your career counselor here :

033-69028356



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