INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER AZURE DATA ENGINEERING COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Azure Data Engineering Training

BEST RATED ON TOP PLATFORMS

Google Reviews ★★★★★ · Trustpilot ★★★★★ · Sulekha ★★★★★

COURSE BENEFITS

- ✓ 100% Practical & Real-Time Hands-on Labs
- ✓ End-to-End Capstone Implementation Projects
- ✓ Industry Recognized Certification Preparation
- ✓ 100% Dedicated Placement Support in MNC's & Mock Interviews

15+ YEARS OF EXCELLENCE | **500+** HIRING PARTNERS | **25K** STUDENTS TRAINED | **15K** STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

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ARE YOU FACING THESE CHALLENGES ?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE
?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

How Inventateq Helps You

Waiting Ends. Careers Begin.
Build job-ready skills. Start applying with confidence.

Turns Gaps into Comebacks
Close skill gaps. Rebuild your career

Break Free. Move Forward
Learn in-demand skills. Take your next career step.

Doubt Out. Confidence In.
Practice real skills. Walk into interviews prepared.

Turn Rejections into Chances
Turn every setback into skills employers value.

Be Smart Learn AI
Learn AI tools. Work smarter. Stay updated

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ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

Our Mission
To deliver high-quality education, practical slots and career opportunities that empower individuals to achieve their dreams

Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

Why Thousands Choose Inventateq?

15+ Years of Excellence | **500+** Hiring Partners | **25,000+** Students Trained | **15,000+** Students Placed

We Collaborate With

Deloitte. · Capgemini · amazon · HCL · Tech Mahindra

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WHY LEARN AZURE DATA ENGINEERING ?

Enterprises worldwide are actively hiring certified Azure Data Engineering professionals to drive critical business operations, digital transformation, and modernization.

CAREER SCOPE OF AZURE DATA ENGINEERING

Exponential Industry Demand
Rapid enterprise adoption across global IT firms, MNCs, and technology centers

Premium Salary Compensation
Command competitive compensation packages with rapid growth milestones

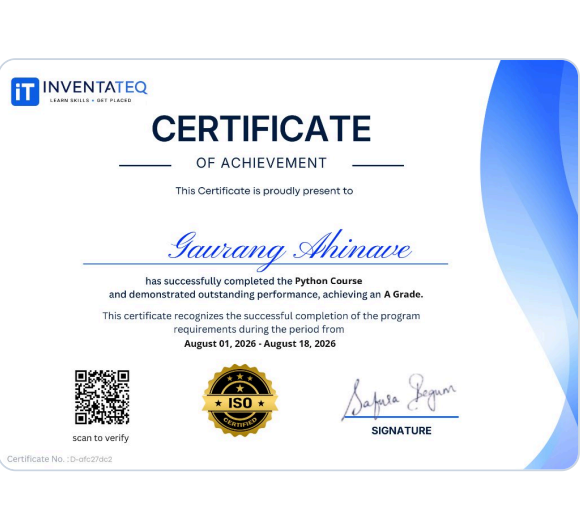
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

Future-Proof Career Growth
Long-term job security supported by ongoing digital modernization and tooling investment

Global Certification Pathways
Direct alignment with recognized industry certifications to validate your competence

Worldwide Job Prospects
Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION



INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
This Certificate is proudly present to
Gaurang Ahinave
has successfully completed the Python Course and demonstrated outstanding performance, achieving an A Grade.
This certificate recognizes the successful completion of the program requirements during the period from
August 01, 2026 - August 18, 2026
scan to verify
ISO
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Rapid Cloud Adoption. Enterprise Infrastructure Demand. High-Growth Packages.

Average Azure Data Engineer Salary in India

₹7.0 LPA – ₹22 LPA

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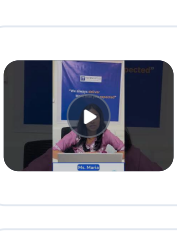
WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

- ✓ 100% Placement Assurance Support
- ✓ 500+ Top Tech Hiring Partners
- ✓ Resume & LinkedIn Optimization
- ✓ Industry Mock Technical Interviews
- ✓ Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS



Student Genuine Feedback
Inventateq HR Practical Training Student Succ...
Inventateq Bangalore Reviews
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Practical Training Success
AWS Course in Bangalore, Best AWS Training &a...
Industry Tech Career
Watch Video

Placement Story
Inventateq Reviews & Student Genuine Feed...
Campus to MNC Offer
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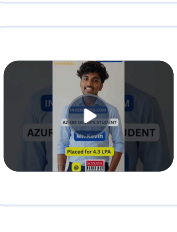

Interview Skills & Growth
Fresher Success in DevOps 💡 | Azure to Job Of...
Free Student Masterclass
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> At Inventateq, Your Success is Our Mission !

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GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- ✓ Aptitude Training
- ✓ Technical Training
- ✓ Mock Interviews
- ✓ HR Interview Preparation
- ✓ Resume Preparation
- ✓ Cover Letter Preparation
- ✓ LinkedIn Profile Optimisation
- ✓ Job Portal Access
- ✓ Placement Drives & Hiring Events

OUR RECRUITMENT PARTNERS

TATA · Infosys · wipro · Capgemini · Tech Mahindra · LARSEN & TOUBRO · HCL TECH · accenture

OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

15,000+ Students Placed | **500+** Companies Hired | **95%** Placement Ratio | **6 LPA** Average Package

Check Most Recent Placements

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CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Azure Data Eng Engineer	Manage core Data Engineering tasks, configure tooling, and support delivery.	Practical Data Engineering setup files, exercise scripts, and documentation.
Azure Data Eng Specialist	Build practical Azure Data workflows, implement features, and resolve issues.	Functional Azure Data modules, workflow configs, and practical deliverables.
Cloud Azure Data Eng Architect	Lead Azure Data Eng technical delivery, design solutions, and set standards.	Complete Azure Data Eng capstone artifacts, technical blueprints, and reports.

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SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Foundations)	Master fundamental Data Engineering concepts, environment setup, and tools.	Configured Data Engineering workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Azure Data workflows and functional domain modules.	Working Azure Data project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Data Warehousing features, integrations, and optimizations.	Validated Data Warehousing configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Azure Data Eng capstone project and technical review.	Complete Azure Data Eng project portfolio artifact and defense.

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DETAILED MODULE PLAN

12 in-depth modules • 3 Months Duration • Hands-on practical training

1 Module 1: Introduction to Data Engineering

- Role of a Data Engineer
- Data Engineering Lifecycle
- Data Warehousing vs Data Lakes
- Batch vs Streaming Data
- Azure Data Ecosystem Overview

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Role of a Data Engineer exercise.

INTERVIEW & ASSESSMENT
Explain what Role of a Data Engineer is used for and why companies choose it in simple words.

2 Module 2: Azure Core Data Services

- Azure Data Lake Storage (ADLS Gen2)
- Azure Blob Storage
- Azure SQL Database
- Azure Synapse Analytics Overview
- Data Factory Introduction

GUIDED LAB
Create a cloud storage bucket, upload sample documents, and configure file access rules.

INTERVIEW & ASSESSMENT
Explain how cloud storage keeps business files secure and available 24/7.

3 Module 3: Data Ingestion (ETL/ELT)

- ETL vs ELT Concepts
- Batch Data Ingestion
- Incremental Data Loading
- Data Extraction from Sources
- Data Ingestion Best Practices

GUIDED LAB
Configure and verify ETL vs ELT Concepts in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how ETL vs ELT Concepts improves system reliability and performance.

4 Module 4: Azure Data Factory (ADF)

- ADF Architecture
- Pipelines, Activities & Datasets
- Linked Services
- Data Flows (Mapping Data Flows)
- Trigger & Scheduling

GUIDED LAB
Configure and verify ADF Architecture in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how ADF Architecture improves system reliability and performance.

5 Module 5: Azure Databricks for Data Engineering

- Databricks Workspace Setup
- PySpark for Data Processing
- Data Transformation Pipelines
- Delta Lake Integration
- Job Orchestration

GUIDED LAB
Configure and verify Databricks Workspace Setup in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Databricks Workspace Setup improves system reliability and performance.

6 Module 6: Data Transformation & Processing

- Data Cleaning Techniques
- Joins, Aggregations & Window Functions
- Schema Design
- Handling Large Datasets
- Performance Optimization

GUIDED LAB
Configure and verify Data Cleaning Techniques in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Data Cleaning Techniques improves system reliability and performance.

7 Module 7: Data Warehousing with Azure Synapse

- Synapse Analytics Overview
- Dedicated vs Serverless SQL Pools
- Data Modeling Techniques
- Star & Snowflake Schema
- Query Optimization

GUIDED LAB
Configure and verify Synapse Analytics Overview in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Synapse Analytics Overview improves system reliability and performance.

8 Module 8: Streaming & Real-Time Data

- Azure Event Hubs
- Azure Stream Analytics
- Real-Time Data Processing
- IoT Data Integration
- Streaming Pipelines

GUIDED LAB
Configure and verify Azure Event Hubs in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Azure Event Hubs improves system reliability and performance.

9 Module 9: Data Security & Governance

- Role-Based Access Control (RBAC)
- Data Encryption
- Azure Key Vault
- Data Governance Policies
- Compliance & Privacy

GUIDED LAB
Create user accounts with restricted permissions and test secure role switching.

INTERVIEW & ASSESSMENT
Explain why giving minimum required permissions protects cloud environments.

10 Module 10: Monitoring & Optimization

- Azure Monitor
- Pipeline Monitoring
- Logging & Alerting
- Cost Optimization
- Performance Tuning

GUIDED LAB
Set up an automated build pipeline that checks code and tests every new update.

INTERVIEW & ASSESSMENT
Explain how automated pipelines help teams release new features without bugs.

11 Module 11: Integration with BI Tools

- Power BI Integration
- Data Modeling for Reporting
- Semantic Layer Concepts
- Dashboarding Overview
- Business Reporting Pipelines

GUIDED LAB
Configure and verify Power BI Integration in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Power BI Integration improves system reliability and performance.

12 Module 12: Real-Time Projects

- End-to-End ETL Pipeline Project
- Retail Data Warehouse Project
- Real-Time Streaming Analytics Project
- Customer Analytics Data Platform
- Resume Building & Interview Preparation
- Tools Covered
- Azure Data Factory (ADF)
- Azure Databricks

GUIDED LAB
Complete an end-to-end practical project bringing together everything you built in this course.

INTERVIEW & ASSESSMENT
Present your completed project and explain your key design decisions with confidence.

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REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: End-to-End ETL Pipeline Project

What it is: Set up the core Data Engineering environment and configure essential business settings.
What you do: Initialize base configurations, create clean templates, and verify workflow controls.
Tools used: Azure Data Eng, Data Engineering, Role Data Engineer
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Retail Data Warehouse Project

What it is: Build practical Data Ingestion ETL modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Azure Data Eng, Data Ingestion ETL, ETL vs ELT
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Real-Time Streaming Analytics Project

What it is: Connect Azure Databricks Data with Databricks Workspace Setup to automate data and team workflows.
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Azure Data Eng, Azure Databricks Data, Databricks Workspace Setup
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Customer Analytics Data Platform

What it is: Optimize Data Warehousing Azure workflows for security, speed, and reliability.
What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.
Tools used: Azure Data Eng, Data Warehousing Azure, Synapse Analytics
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Azure Data Factory (ADF)

What it is: Implement advanced Data Security Governance features matching real industry requirements.
What you do: Configure custom settings, automate repetitive tasks, and test business logic.
Tools used: Azure Data Eng, Data Security Governance, Role Based Access
Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Azure Data Eng End-to-End Capstone

What it is: Build a complete, production-ready Azure Data Eng project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Azure Data Eng, Integration BI Tools, Power BI Integration
Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

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ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Data Engineering principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Azure Data implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Data Warehousing techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Azure Data Eng implementation, quality review, and delivery	Complete capstone submission with technical walkthrough review
Technical Mock Viva	Technical reasoning, troubleshooting approaches, and communication	Successfully defending project decisions in structured mock panels

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RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed Data Engineering diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Azure Data setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Azure Data Eng tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"
Course Completed : **Azure Data Engineering Specialist** ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

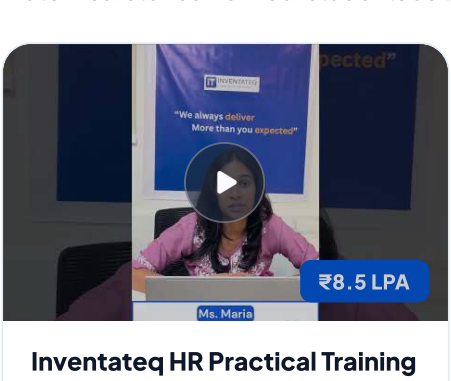
"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Azure Data Engineering Specialist** ★★★★★

MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Azure Data Engineering Specialist** ★★★★★

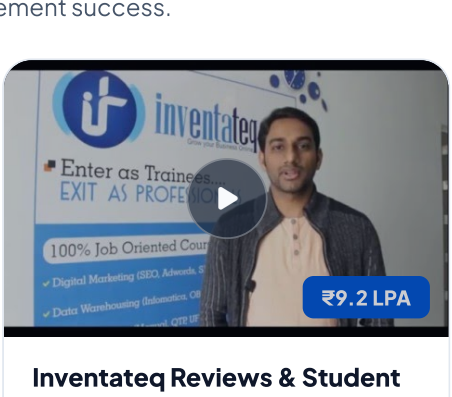
WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.

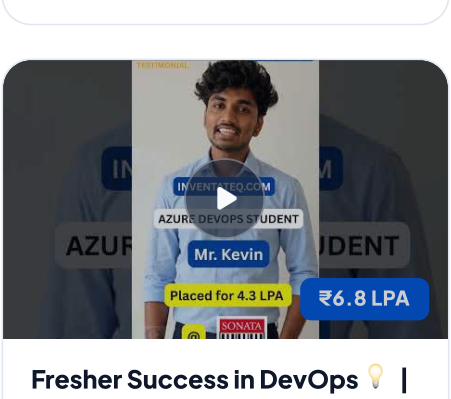


Inventateq HR Practical Training Student Success & Placement
Course Video 1 • Student Feedback
Watch Story

AWS Course in Bangalore, Best AWS Training & Certificate with Placement
Course Video 2 • Student Feedback
Watch Story



Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 3 • Student Feedback
Watch Story



Fresher Success in DevOps 💡 | Azure to Job Offer
Course Video 4 • Student Feedback
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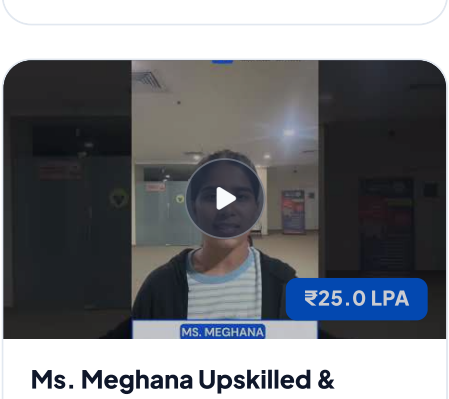
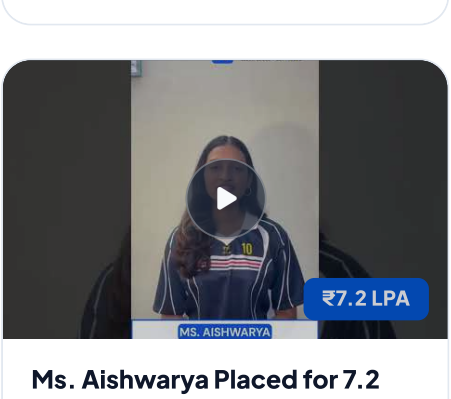


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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