INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER AZURE DATA BRICKS
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Azure Data Bricks 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 !

INVENTATEQ
LEARN SKILLS • GET PLACED

ARE YOU FACING THESE CHALLENGES ?

- 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?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE

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

INVENTATEQ
LEARN SKILLS • GET PLACED

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

We Collaborate With

Deloitte. · Capgemini · amazon · HCL · Tech Mahindra

INVENTATEQ
LEARN SKILLS • GET PLACED

WHY LEARN AZURE DATA BRICKS ?

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

CAREER SCOPE OF AZURE DATA BRICKS

- **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 presented 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 Bricks Engineer Salary in India

₹7.0 LPA – ₹22 LPA

INVENTATEQ
LEARN SKILLS • GET PLACED

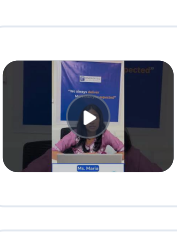
WHY INVENTATEQ ?

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

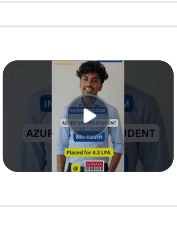
COURSE & PLACEMENT VIDEOS



Student Genuine Feedback
Inventateq HR Practical Training Student Succ...
Inventateq Bangalore Reviews
Watch Video

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
Watch Video



Interview Skills & Growth
Fresher Success in DevOps 💡 | Azure to Job Of...
Free Student Masterclass
Watch Video

> At Inventateq, Your Success is Our Mission !

INVENTATEQ
LEARN SKILLS • GET PLACED

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+	500+	95%	6 LPA
Students Placed	Companies Hired	Placement Ratio	Average Package

Check Most Recent Placements

INVENTATEQ
LEARN SKILLS • GET PLACED

CAREER PROGRESSION

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

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

INVENTATEQ
LEARN SKILLS • GET PLACED

SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

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

INVENTATEQ
LEARN SKILLS • GET PLACED

DETAILED MODULE PLAN

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

1 Module 1: Introduction to Big Data & Azure Databricks

- What is Big Data?
- Overview of Azure Databricks
- Databricks Architecture
- Spark Ecosystem Overview
- Use Cases in Data Engineering & Analytics

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Big Data exercise.

INTERVIEW & ASSESSMENT
Explain what Big Data is used for and why companies choose it in simple words.

2 Module 2: Azure Databricks Environment

- Workspace Setup
- Clusters (Standard & High Concurrency)
- Notebooks Overview
- Libraries Management
- File System (DBFS)

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

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

3 Module 3: Apache Spark Fundamentals

- Spark Architecture
- RDD, DataFrames & Datasets
- Transformations & Actions
- Lazy Evaluation Concept
- Spark Execution Model

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

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

4 Module 4: Data Ingestion

- Batch Data Ingestion
- Streaming Data Ingestion
- Reading from Azure Data Lake Storage (ADLS)
- File Formats (CSV, JSON, Parquet)
- Data Loading Best Practices

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.

5 Module 5: Data Transformation

- Data Cleaning Techniques
- Filtering & Aggregations
- Joins & Window Functions
- Handling Missing Data
- Optimizing Transformations

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.

6 Module 6: PySpark Programming

- Introduction to PySpark
- DataFrame Operations
- SQL in Spark
- User Defined Functions (UDFs)
- Performance Optimization Basics

GUIDED LAB
Configure and verify PySpark in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how PySpark improves system reliability and performance.

7 Module 7: Delta Lake

- Introduction to Delta Lake
- ACID Transactions
- Time Travel
- Data Versioning
- Merge, Update & Delete Operations

GUIDED LAB
Configure and verify Delta Lake in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Delta Lake improves system reliability and performance.

8 Module 8: Data Pipelines

- ETL Pipeline Design
- Workflow Orchestration
- Jobs & Scheduling
- Incremental Data Processing
- Error Handling & Logging

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.

9 Module 9: Integration with Azure Services

- Azure Data Lake Storage Integration
- Azure Synapse Integration
- Azure Data Factory Integration
- Power BI Integration
- Event Hubs Overview

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.

10 Module 10: Performance Optimization

- Cluster Optimization
- Partitioning Strategies
- Caching Mechanisms
- Spark Tuning Techniques
- Cost Optimization

GUIDED LAB
Deploy an application across multiple container pods and test automatic restart.

INTERVIEW & ASSESSMENT
Explain how cluster management helps keep high-traffic websites online.

11 Module 11: Security & Governance

- Role-Based Access Control (RBAC)
- Data Encryption
- Unity Catalog Overview
- Data Governance Policies
- Secure Data Sharing

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

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

12 Module 12: Real-Time Projects

- End-to-End ETL Pipeline Project
- Real-Time Streaming Data Processing
- Retail Data Analytics Project
- Fraud Detection Data Pipeline
- Resume Building & Interview Preparation
- Tools Covered
- Azure Databricks
- Apache Spark

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.

INVENTATEQ
LEARN SKILLS • GET PLACED

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 Big Data Azure environment and configure essential business settings.
What you do: Initialize base configurations, create clean templates, and verify workflow controls.
Tools used: Azure Data Bricks, Big Data Azure, Big Data
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Real-Time Streaming Data Processing

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

Project 3: Retail Data Analytics Project

What it is: Connect Data Transformation with Data Cleaning Techniques 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 Bricks, Data Transformation, Data Cleaning Techniques
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Fraud Detection Data Pipeline

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

Project 5: Azure Databricks

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

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

What it is: Build a complete, production-ready Azure Data Bricks 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 Bricks, Security Governance, Role Based Access
Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

INVENTATEQ
LEARN SKILLS • GET PLACED

ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Big Data principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Data Ingestion implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Delta Lake techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Azure Data 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

INVENTATEQ
LEARN SKILLS • GET PLACED

RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

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

INVENTATEQ
LEARN SKILLS • GET PLACED

OUR STUDENT

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

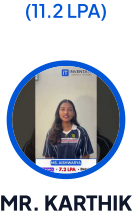
READ REVIEWS

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 Bricks Specialist** G ★★★★★

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 Bricks Specialist** G ★★★★★

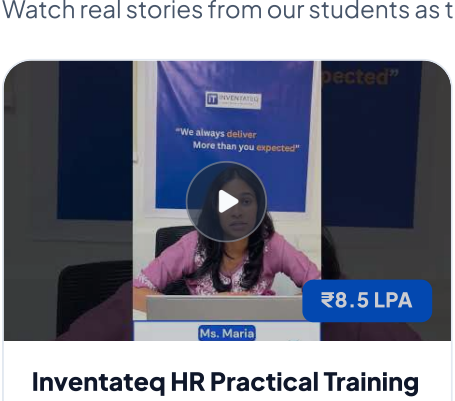


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"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 Bricks Specialist** G ★★★★★

WATCH VIDEOS

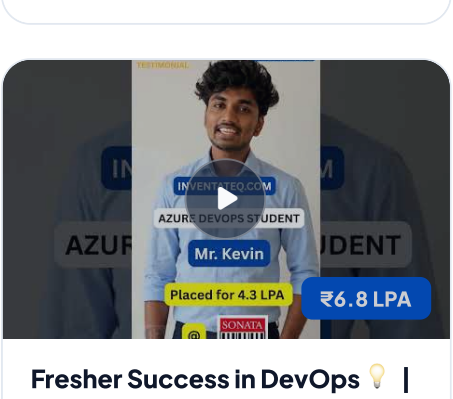
Watch real stories from our students as they talk about their journey, growth, and placement success.



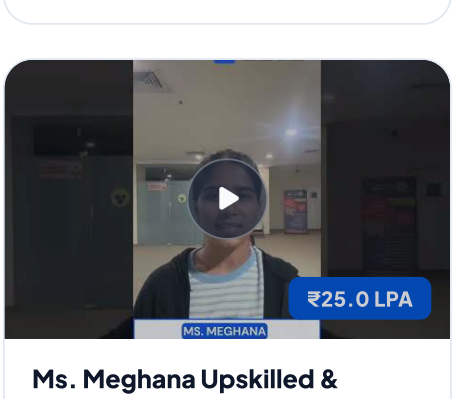
Inventateq HR Practical Training Student Success & Placement
Course Video 1 • Student Feedback
Watch Story

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

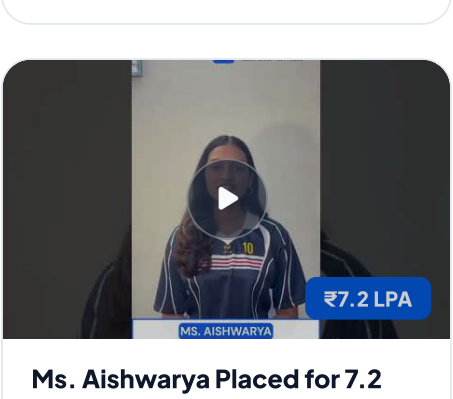
Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 3 • Student Feedback
Watch Story



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



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
Watch Story

CONTACT US

⚡ JOB HUNTING ENDS HERE
Start your career with **Azure Data Bricks** course that gets your **Dream Job!**

ADMISSIONS & COUNSELLING
+91 85500 00909
Call Now · WhatsApp

CAREER & PLACEMENT DESK
+91 78993 32878
Call Now · WhatsApp

OFFICIAL PORTAL
www.inventateq.com

EMAIL US
info@inventateq.com

LEARNING MODES
Classroom & Online