INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER AZURE SYNAPSE
COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Azure Synapse 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 ?

- 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

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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 SYNAPSE ?

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

CAREER SCOPE OF AZURE SYNAPSE

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

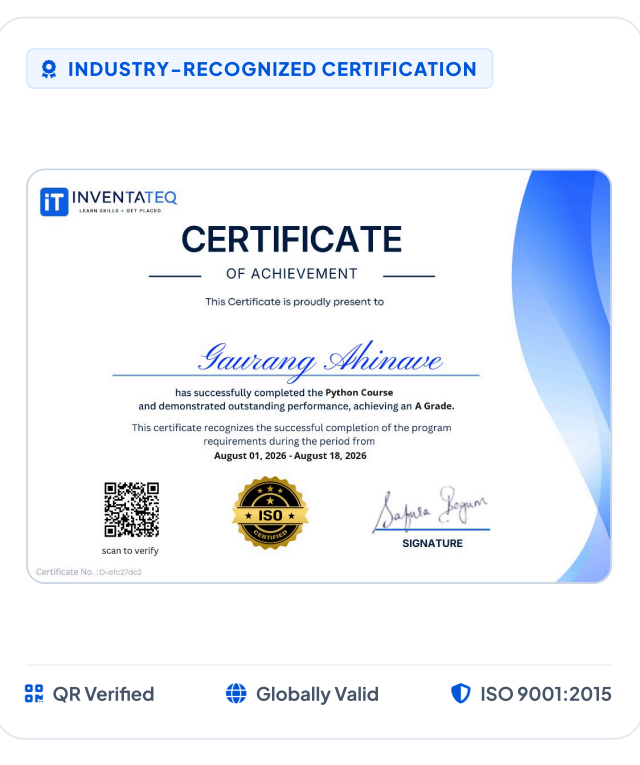
Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

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 Ahirwar

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 Synapse Engineer Salary in India

₹7.0 LPA – ₹22 LPA

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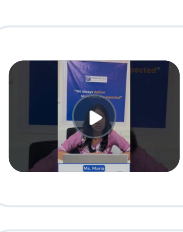
WHY INVENTATEQ ?

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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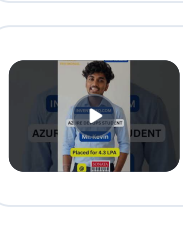

Interview Skills & Growth
Fresher Success in DevOps 💡 | Azure to Job Of...
Free Student Masterclass
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> **At Inventateq, Your Success is Our Mission !**

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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 Synapse Engineer	Manage core Azure Synapse tasks, configure tooling, and support delivery.	Practical Azure Synapse setup files, exercise scripts, and documentation.
Azure Synapse Specialist	Build practical SQL Pools workflows, implement features, and resolve issues.	Functional SQL Pools modules, workflow configs, and practical deliverables.
Cloud Azure Synapse Architect	Lead Azure Synapse technical delivery, design solutions, and set standards.	Complete Azure Synapse 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 Azure Synapse concepts, environment setup, and tools.	Configured Azure Synapse workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical SQL Pools workflows and functional domain modules.	Working SQL Pools project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Big Data features, integrations, and optimizations.	Validated Big Data configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Azure Synapse capstone project and technical review.	Complete Azure Synapse 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 Azure Synapse

- What is Azure Synapse Analytics?
- Data Warehousing vs Big Data Analytics
- Synapse Architecture Overview
- Components of Synapse
- Use Cases in Modern Data Platforms

GUIDED LAB
Log in to the system, practice basic navigation, and complete your first Azure Synapse Analytics exercise.

INTERVIEW & ASSESSMENT
Explain what Azure Synapse Analytics is used for and why companies choose it in simple words.

2 Module 2: Synapse Workspace Setup

- Creating Synapse Workspace
- Synapse Studio Overview
- Linked Services Configuration
- Integration with Azure Data Lake Storage
- Security & Access Setup

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 in Synapse

- Data Loading Techniques
- Batch Data Ingestion
- Integration with Azure Data Factory
- Copy Activity in Synapse Pipelines
- External Data Sources

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

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

4 Module 4: SQL Pools in Synapse

- Dedicated SQL Pool Overview
- Serverless SQL Pool Overview
- SQL Queries in Synapse
- Table Creation & Management
- Performance Considerations

GUIDED LAB
Configure and verify Dedicated SQL Pool Overview in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Dedicated SQL Pool Overview improves system reliability and performance.

5 Module 5: Data Modeling

- Star Schema Design
- Snowflake Schema Design
- Fact & Dimension Tables
- Data Warehouse Design Principles
- Partitioning Strategies

GUIDED LAB
Configure and verify Star Schema Design in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Star Schema Design improves system reliability and performance.

6 Module 6: Data Transformation

- SQL-Based Transformations
- Data Flows in Synapse
- Views & Stored Procedures
- Data Cleaning Techniques
- Optimization Techniques

GUIDED LAB
Configure and verify SQL-Based Transformations in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how SQL-Based Transformations improves system reliability and performance.

7 Module 7: Big Data Integration

- Spark Pools in Synapse
- Integration with Azure Databricks
- Handling Large Datasets
- Distributed Processing Concepts
- Data Lake Integration

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

INTERVIEW & ASSESSMENT
Explain how Spark Pools in Synapse improves system reliability and performance.

8 Module 8: Performance Optimization

- Query Optimization Techniques
- Indexing Strategies
- Data Distribution Methods
- Caching Mechanisms
- Cost Optimization

GUIDED LAB
Configure and verify Query Optimization Techniques in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Query Optimization Techniques improves system reliability and performance.

9 Module 9: Security & Governance

- Role-Based Access Control (RBAC)
- Data Encryption
- Managed Private Endpoints
- Azure Key Vault Integration
- Compliance & Data Governance

GUIDED LAB
Configure and verify Role-Based Access Control (RBAC) in your practice cloud environment.

INTERVIEW & ASSESSMENT
Explain how Role-Based Access Control (RBAC) improves system reliability and performance.

10 Module 10: Monitoring & Maintenance

- Synapse Monitoring Tools
- Pipeline Monitoring
- Query Performance Insights
- Error Handling & Debugging
- Workload Management

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: Reporting & Visualization

- Power BI Integration
- Synapse Link
- Data Visualization Techniques
- Real-Time Dashboards
- Business Reporting Layer

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

- Enterprise Data Warehouse Project
- Retail Sales Analytics System
- Real-Time Data Lakehouse Solution
- Financial Reporting Platform
- Resume Building & Interview Preparation
- Tools Covered
- Azure Synapse Analytics
- Synapse Studio

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: Enterprise Data Warehouse Project

What it is: Set up the core Azure Synapse environment and configure essential business settings.

What you do: Initialize base configurations, create clean templates, and verify workflow controls.

Tools used: Azure Synapse, Azure Synapse Analytics

Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Retail Sales Analytics System

What it is: Build practical Data Ingestion Synapse modules to handle everyday business operations.

What you do: Create core functional components, validate input data, and prevent common errors.

Tools used: Azure Synapse, Data Ingestion Synapse, Data Loading Techniques

Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Real-Time Data Lakehouse Solution

What it is: Connect Data Modeling with Star Schema Design 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 Synapse, Data Modeling, Star Schema Design

Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Financial Reporting Platform

What it is: Optimize Big Data Integration workflows for security, speed, and reliability.

What you do: Audit performance bottlenecks, apply security rules, and optimize execution speed.

Tools used: Azure Synapse, Big Data Integration, Spark Pools Synapse

Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 5: Azure Synapse Analytics

What it is: Implement advanced Security Governance features matching real industry requirements.

What you do: Configure custom settings, automate repetitive tasks, and test business logic.

Tools used: Azure Synapse, Security Governance, Role Based Access

Project outcome: Production-grade technical deliverable ready to add to your personal portfolio.

Project 6: Azure Synapse End-to-End Capstone

What it is: Build a complete, production-ready Azure Synapse project bringing all skills together.

What you do: Design, code, test, and document a full project workflow from scratch to launch.

Tools used: Azure Synapse, Reporting Visualization, 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 Azure Synapse principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on SQL Pools implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Big Data techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Azure Synapse 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 Azure Synapse diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering SQL Pools setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Azure Synapse 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.

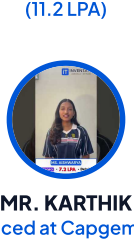
READ REVIEWS

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 Synapse 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 Synapse Specialist** G ★★★★★

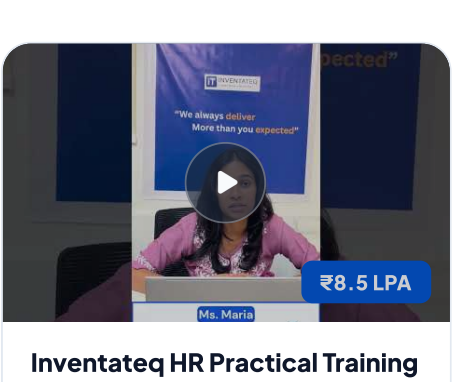


MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"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 Synapse Specialist** G ★★★★★

WATCH VIDEOS

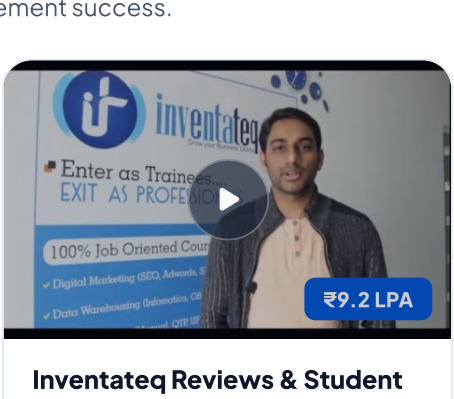
Watch real stories from our students as they talk about their journey, growth, and placement success.


"We always deliver More than you expected"
₹8.5 LPA
Ms. Maria

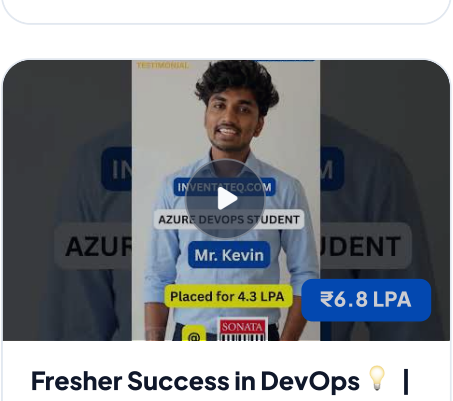
Inventateq HR Practical Training Student Success & Placement
Course Video 1 • Student Feedback
Watch Story

inventateq
₹7.8 LPA

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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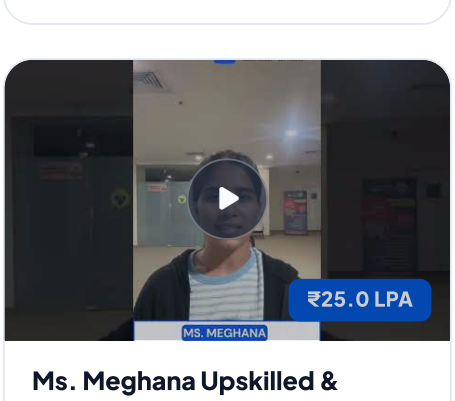
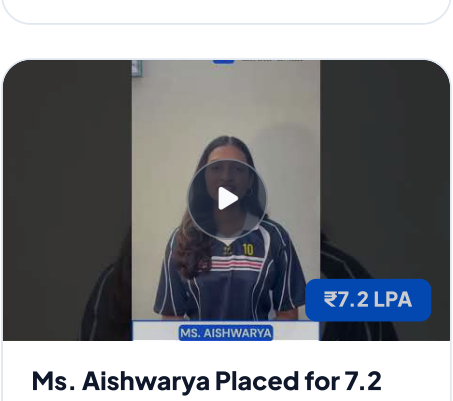


Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
Watch Story



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