MASTER SNOWFLAKE
COURSE With Placement

Build Real-World Snowflake Expertise with Real-Time Hands-on Snowflake Training

COURSE BENEFITS

- Learn Snowflake from the Industry Leaders
- Get Trained by Snowflake Certified Experts
- Industry Recognized Certification Preparation
- 100% Dedicated Placement Support (INR 1.25 Per Annum Package)

16+ Hours	500+ Learners	25K Views	15K Likes

Course Workshop FREE Career Counselling
+1 4158922207

STARTS HERE !

ARE YOU FACING THESE CHALLENGES ?

- Will learning help you get the job you graduated for?
- Worried about the Time, Money and Efforts you have invested in your career?
- Want to master cutting-edge IT and marketing to become a top-notch professional?
- Looking for a career path that'll assure the best use of your IT skills?
- Not getting interviews calls despite applying for multiple jobs?

How InventateQ Helps You

- Industry Expert Projects
- Real-time Projects
- Tailor-made Resume
- Interview Preparation
- Mock Interviews
- Resume Preparation
- Job Portal Access
- Career Counselling

ABOUT INVENTATEQ

InventateQ is a leading IT training and consulting company committed to transforming learners into successful professionals.

Our Mission
Empower learners and professionals with industry-driven skills and hands-on experience, enabling them to excel in their careers and contribute to organizational success.

Our Vision
To be a globally recognized leader in IT training and consulting, fostering innovation and excellence in the digital era.

Why Thousands Choose InventateQ?

15+	500+	25,000+	10,000+
Years of Experience	Hours of Training	Learners Worldwide	Successful Placements

We Collaborate With

Deloitte. Capgemini amazon INFOSYS. TECH MAHINDRA

WHY LEARN SNOWFLAKE ?

Snowflake is a cloud platform that helps companies store, process, and analyze data efficiently. It's popular because it's fast, flexible, and easy to use.

Snowflake is in high demand because companies are moving to the cloud, and Snowflake makes it simple to handle big data without complex setup or maintenance. Learning Snowflake can open doors to exciting career opportunities in data engineering, analytics, and cloud computing.

CAREER OPTIONS AT SNOWFLAKE

- Snowflake Developer
- Snowflake Administrator
- Snowflake Architect
- Snowflake Consultant
- Snowflake Data Engineer
- Snowflake Data Analyst

JOB OPPORTUNITIES

Top Companies Hiring Snowflake Professionals: Capgemini, Deloitte, Infosys, Tech Mahindra, Amazon

Average Snowflake Engineer Salary in India

₹6.5 LPA - ₹20 LPA

High Demand Skills: Data Warehousing, Cloud Computing, SQL, Data Engineering

WHY INVENTATEQ ?

Because we're more than just a training institute, we're a partner you can count on!

STUDENT TESTIMONIALS

COURSE & PLACEMENT VIDEOS

At InventateQ, Your Success Is Our Mission !

GUARANTEED PLACEMENT SUPPORT

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

- Aptitude Training
- Technical Training
- Soft Skills Training
- Resume Preparation
- Mock Interviews
- Career path Preparation
- Linkedin Profile Optimization
- Job Referrals
- Placement Drives & Recruiting Events

OUR PLACEMENT STATS

10,000+ Placements	500+ Partners	95% Success Rate	41.2% Hike

Check The Latest Placements

CAREER PROGRESSION

Snowflake's versatility opens doors to various career paths in the data industry. Here's a look at some common roles and their progression:

ENTRY POINT	TYPICAL RESPONSIBILITIES	FURTHER DEVELOPMENT
Snowflake Developer / Associate	Manage cloud infrastructure, configure Snowflake environments, monitor performance, and optimize resource usage.	Focus on architecting data solutions, designing scalable systems, and leading technical projects.
Snowflake Administrator	Develop and maintain data pipelines, write complex SQL queries, and build data models.	Progress to Snowflake Architect, Data Engineering Lead, or Technical Consultant roles.
Snowflake Data Engineer	Analyze data to identify trends and patterns, create visualizations, and provide insights to stakeholders.	Transition to Data Engineering Lead, Analytics Manager, or Business Intelligence Consultant roles.
Snowflake Data Analyst	Design and implement Snowflake data warehouses, collaborate with stakeholders to understand requirements, and ensure data quality and security.	Progress to Snowflake Architect, Data Engineering Lead, or Technical Consultant roles.

SKILLS ROADMAP

Progress from core to specialized skills as you build a strong career foundation.

CORE SKILLS	INTERMEDIATE SKILLS	ADVANCED SKILLS
Advanced Snowflake Architecture	Designing and implementing complex data pipelines using Snowflake's features.	Leading enterprise-level data warehousing projects and initiatives.
Performance Optimization	Mastering query optimization techniques and leveraging Snowflake's performance features.	Mentoring other team members and contributing to the Snowflake community.
Data Governance and Security	Implementing robust data governance frameworks and ensuring compliance with industry regulations.	Developing and implementing cutting-edge data solutions using Snowflake.
Integration with Cloud Platforms	Integrating Snowflake with other cloud services like AWS, Azure, and GCP.	Leading cloud migration projects and strategies.

DETAILED MODULE PLAN

This detailed module plan ensures a comprehensive learning experience.

Module 1: Introduction to Snowflake

- Overview of Cloud Data Warehousing
- Snowflake Architecture Deep Dive
- Snowflake Editions and Pricing Models
- Snowflake Security Features
- Snowflake Ecosystem and Integrations

▶ WATCH LIVE
Explore Snowflake's architecture, editions, and pricing models in this live session.

✓ ATTEMPT A ASSESSMENT
Test your understanding of Snowflake's core concepts and architecture with this quiz.

Module 2: Snowflake Fundamentals

- Databases, Schemas, and Tables
- Data Types and Loading
- Creating and Managing Objects
- Virtual Warehouses
- Introduction to Snowpipe Concepts

▶ WATCH LIVE
Set up Snowflake's foundational components in a hands-on lab environment.

✓ ATTEMPT A ASSESSMENT
Test your knowledge of Snowflake's fundamental concepts and best practices.

Module 3: SQL in Snowflake

- Basic SQL Queries
- DML, DDL, and Transactions
- Views and Materialized Views
- Stored Procedures and Functions
- Transactions and Concurrency Control

▶ WATCH LIVE
Practice writing and executing queries in a live, hands-on environment.

✓ ATTEMPT A ASSESSMENT
Test your SQL skills and understanding of Snowflake-specific syntax and features.

Module 4: Data Loading & Unloading

- Internal and External Stages
- Bulk Data Loading
- Snowpipe for Continuous Loading
- File Formats
- Data Unloading Techniques
- Error Handling

▶ WATCH LIVE
Load and unload data using various methods and file formats in a live environment.

✓ ATTEMPT A ASSESSMENT
Test your knowledge of data loading and unloading techniques and best practices.

Module 5: Data Transformation

- Data Cleansing
- Data Validation
- Standard and Flatten
- Lateral Joins
- Working with Semi-structured Data (JSON, Avro, Parquet, XML)

▶ WATCH LIVE
Transform and cleanse data using Snowflake's powerful functions and operators.

✓ ATTEMPT A ASSESSMENT
Test your skills in transforming and working with various data formats in Snowflake.

Module 6: Performance & Optimization

- Query Optimization
- Caching Mechanisms
- Clustering Keys
- Materialized Views
- Performance Monitoring

▶ WATCH LIVE
Analyze query performance and implement optimization techniques in a live environment.

✓ ATTEMPT A ASSESSMENT
Test your knowledge of Snowflake performance tuning and optimization strategies.

Module 7: Security & Data Governance

- Access Control Models
- Role-based Access Control (RBAC)
- Data Encryption
- Data Masking Policies
- Working with Row Access Policies

▶ WATCH LIVE
Implement security measures and data governance policies in a live Snowflake environment.

✓ ATTEMPT A ASSESSMENT
Test your understanding of Snowflake security features and data governance principles.

Module 8: Snowflake Integration

- Integrating with BI Tools (e.g., Tableau, Power BI)
- Connectors and Drivers
- Snowflake API
- Integration with ETL Tools (Informatica, Talend, Matillion)
- Python & Snowpark Basics

▶ WATCH LIVE
Connect Snowflake to various BI tools and ETL platforms in a live demonstration.

✓ ATTEMPT A ASSESSMENT
Test your knowledge of integrating Snowflake with external tools and platforms.

Module 9: Administration & Monitoring

- Resource Monitors
- Account Administration
- Query History
- User Management
- Monitoring and Alerting Methods

▶ WATCH LIVE
Monitor and manage Snowflake resources and administer user accounts in a live environment.

✓ ATTEMPT A ASSESSMENT
Test your understanding of Snowflake administration and monitoring best practices.

Module 10: Real-Time Projects

- Project Planning and Requirements Gathering
- Data Ingestion Pipeline
- Reporting and Analytics
- Project Presentation
- Advanced Topics (Optional)
- Q&A
- Feedback

▶ WATCH LIVE
Work on a real-world project, applying your knowledge to build a complete Snowflake solution.

✓ ATTEMPT A ASSESSMENT
Present your completed project and receive feedback from industry professionals.

REAL-WORLD PORTFOLIO PROJECTS

Practical projects that simulate real-world challenges and showcase your skills.

Project 1: Build an End-to-End Data Pipeline Implementation

Objective: Design and implement a complete data pipeline using Snowflake, from data ingestion to reporting.
Skills Used: Snowpipe, Streams, Tasks, Stored Procedures, SQL, Data Modeling.
Tools Used: Snowflake, AWS S3 (or Azure Blob Storage), a BI tool (e.g., Tableau, Power BI).
Project Outcome: A working data pipeline that automatically loads, transforms, and reports on data.

Project 2: Supporting and Analytics

Objective: Develop a data warehouse solution for a retail company to analyze sales data and customer behavior.
Skills Used: Data Modeling, Star Schema, Snowflake Schema, SQL, Performance Optimization.
Tools Used: Snowflake, a BI tool (e.g., Looker, Qlik Sense).
Project Outcome: A data warehouse with optimized queries and insightful dashboards.

Project 3: Data Migration Project

Objective: Migrate data from an on-premises database to Snowflake.
Skills Used: Data Extraction, Data Transformation, Data Loading, Data Validation.
Tools Used: Snowflake, ETL tools (e.g., Informatica, Talend), SQL.
Project Outcome: A successful migration of data with minimal downtime and data integrity.

Project 4: Real-Time Data Integration

Objective: Integrate real-time data streams into Snowflake for immediate analysis.
Skills Used: Snowpipe, Streams, Tasks, Kafka (or other streaming platforms), Python.
Tools Used: Snowflake, Kafka, Python, a BI tool.
Project Outcome: A real-time data pipeline that enables up-to-the-minute reporting.

Project 5: Snowflake Integration for Data Explorer

Objective: Build a custom application that leverages Snowflake's capabilities.
Skills Used: Snowflake API, Python, Web Development Frameworks (e.g., Flask, Django).
Tools Used: Snowflake, Python, Web Development Frameworks.
Project Outcome: A functional application that interacts with Snowflake data.

ASSESSMENT FRAMEWORK

Rigorous assessments to measure your progress and ensure mastery.

ASSESSMENT	ASSESSMENT FOCUS	PASS CRITERIA
Module Quizzes	Knowledge checks after each module	Minimum passing score required to unlock the next module
Hands-on Labs & Exercises	Practical application of concepts	Successful completion of all lab tasks
Capstone Project Evaluation	Independent problem-solving using Snowflake	Successful implementation and presentation of the capstone project
Final Practical Exam	Real-world scenario implementation and troubleshooting	Complete solution and demonstration of proficiency
Technical Mock Viva	Technical reasoning, troubleshooting, and best practices	Successfully defending project decisions and demonstrating expertise

RESUME, GITHUB & LINKEDIN

Get Your Resume, GitHub, and LinkedIn Profiles Ready!

- Resume Writing: Learn how to showcase your skills and projects effectively.
- GitHub Profile: Set up a professional GitHub profile to showcase your code.
- LinkedIn Optimization: Create a compelling LinkedIn profile to attract recruiters.
- Portfolio Building: Build a portfolio website to showcase your work.
- Interview Preparation: Practice answering common interview questions.
- Job Search Strategies: Learn effective job search techniques.

OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and InventateQ's support.

READ REVIEWS

WATCH VIDEOS

CONTACT US

JOB HUNTING. ENDS HERE

Ready to start your journey with InventateQ? Contact us today and let's get started!

+91 8553551559 (WhatsApp)
+1 4158922207 (WhatsApp)
info@inventateq.com
www.inventateq.com