

TRAININGS

BROCHURE

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HELPING PEOPLE MAKE SENSE OF DATA

Snowflake Fundamentals

nimbus intelligence



Overview

1. **Job Role:** Data Analyst, Data Engineer, BI Developer, Cloud Architect

2. **Duration:** In-Person/Virtual: 2 Days

3. **User Interface:** Snowflake Web UI, Worksheets, Snowsight

Who should take this course?

This course is designed for analysts and developers who want to become familiar with Snowflake's architecture and its key concepts for cloud-based data management. It is ideal for those with a solid understanding of SQL who wish to advance their skills toward modern data warehousing environments.

Prerequisites:

- Basic knowledge of SQL and relational databases
- Familiarity with ETL or Business Intelligence concepts

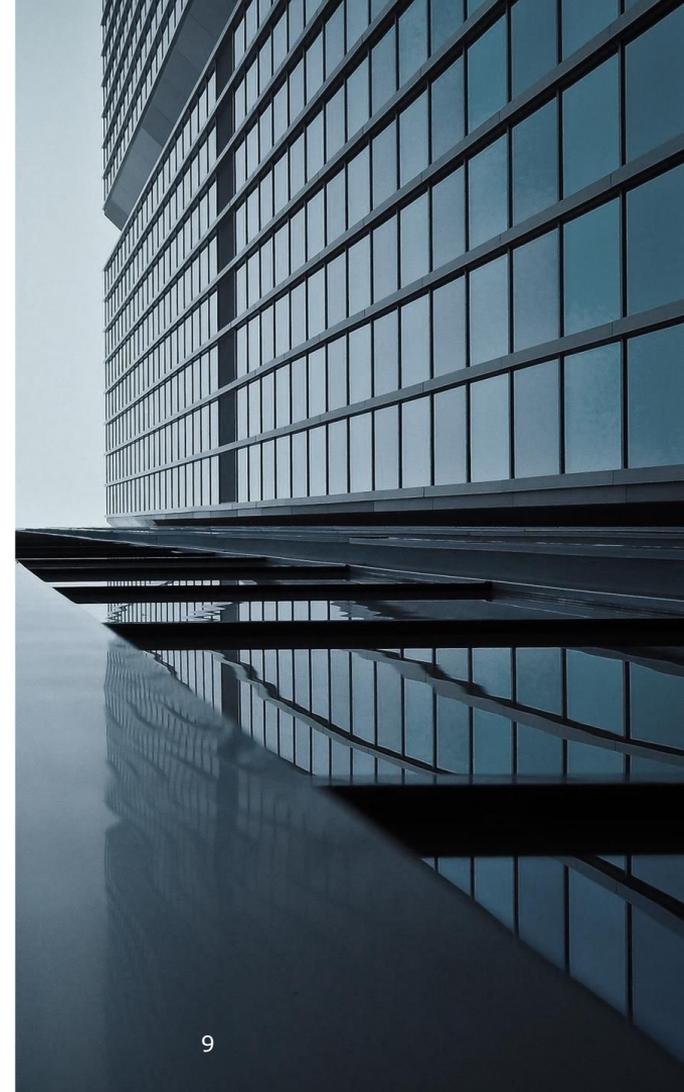
When you complete this course, you will be able to:

- Understand the cloud-native architecture and the separation of compute and storage
- Load, manage, and clone data within Snowflake
- Use Time Travel and Zero-Copy Cloning features
- Configure basic roles and permissions
- Apply performance optimization and cost management techniques



Lessons and Topics

1. **Introduction to Snowflake and Cloud-Native Architecture**
2. **Compute vs Storage Separation**
3. **Time Travel and Fail-Safe**
4. **Zero-Copy Cloning**
5. **Snowpipe and Continuous Data Loading**
6. **Snowflake-Specific SQL Functions**
7. **Query Performance Optimization**
8. **User and Role Management**
9. **Security and Compliance Basics**
10. **Cost Control and Resource Management**



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