



# SNOWFLAKE PLATFORM TRAINING

HALF-DAY COURSE

25A24



## OVERVIEW

“Snowflake Platform Training” is a live, step-by-step training seminar on the AI Data Cloud led by Snowflake’s expert instructors. They will explain the Snowflake AI Data Cloud architecture, while interactive labs provide guided experience in unifying, integrating, and sharing previously siloed data with virtually unlimited scalability and concurrency. You will follow the training with access to a curated Snowflake account and have the opportunity to get your questions answered by the instructors.

## ACQUIRED SKILLS

- Set up and navigate the Snowflake user interface, emphasizing Snowflake Notebooks.
- Create database and compute resources.
- Create stages.
- Load and leverage shared data securely.
- Call Snowflake Cortex LLM functions to provide generative AI capabilities on your data in Snowflake.

## WHO SHOULD ATTEND

“Snowflake Platform Training” has been designed for individuals with limited experience using Snowflake who want to get started and accelerate their knowledge of the AI Data Cloud—including IT managers, Data Architects, Engineers, Scientists, Administrators, and Developers.

## PREREQUISITES

- Basic database knowledge.

## DELIVERY FORMAT

Instructor-led Public or Private classes are available.

## TOPICS COVERED

### Module 1: Interacting With Snowflake

- Snowsight User Interfaces
- Snowflake Notebook Capabilities
- Running SQL Cells
- Running Python Cells
- Python Variable Substitution

## Module 2: Identity and Access

- Create a New Database
- Explore your Database
- Databases and Schemas
- Transfer Ownership
- Object Access by Role

## Module 3: Database Object Hierarchy

- Snowsight Object Browsers
- How to Run Your Code
- SHOW Commands
- Query Data in Snowflake

## Module 4: Tables, Data Types, and Loading Data

- Create a Table
- Locate Tables
- View Table Definitions
- Insert Data
- SELECT and LIMIT

## Module 5: Virtual Warehouses and Context

- What is a Virtual Warehouse in Snowflake?
- Virtual Warehouse Sizing Recommendations
- Resizing Virtual Warehouses
- Context Settings

## Module 6: The Load Wizard and Snowflake Marketplace

- Alternatives to the INSERT Statement
- Load Data From a File
- View Table Data
- Clone a Table
- Snowflake Marketplace
- Private Sharing with Data Exchange

## Module 7: Check Your Code

- Use INFORMATION\_SCHEMA to Query Metadata
- Check Your Lab Work
- Access Query History in Snowsight
- Use Time Travel

## Module 8: Stages and Semi-structured Data

- Use the LIST Command
- Use the COPY INTO Command to Load Data
- Data Loading Tips and Tricks
- Work With Semi-structured Data

## Module 9: Unstructured Data and Cortex LLM Functions

- Unstructured Data
- Directory Tables
- Introducing Snowflake Cortex AI
- PARSE\_DOCUMENT Function
- Text Extraction Workflow
- CLASSIFY\_TEXT Function
- Streamlit in Snowflake
- COMPLETE Function