SNOWFLAKE NEW FEATURES

ONE-DAY COURSE

24H09

OVERVIEW

As an experienced Snowflake professional, build on your existing Snowflake skills!

Engage in a full day of focused time to level up on numerous new features released in the past 12 months. In this fast-paced workshop, you will expand your Snowflake palette and broaden your working knowledge of the platform. With lectures, demos, and labs designed to give you practical, working knowledge, here's your chance to immerse yourself in features introduced to the Snowflake Data Cloud over the past year.

ACQUIRED SKILLS

- Summarize how the latest features augment, enhance, and accelerate existing Snowflake solutions.
- Explain where these features can be leveraged in an end-to-end, governed solution.
- Articulate Snowflake's emerging best practices for the new features.
- Describe the key values of the new features and how they can be applied in creating data applications and building and managing a robust and efficient Data Cloud implementation.

WHO SHOULD ATTEND

- Application Developers
- Business Intelligence Users
- Data Analysts
- Data Engineers
- Data Scientists
- Database Administrators
- Database Architects
- System Administrators

PREREQUISITES

- Familiarity with Snowflake architecture and concepts such as virtual warehouses, stages, users, and roles.
- Foundational knowledge and experience working with Snowflake.
- Basic knowledge of SQL is assumed.
- Experience with Python or another programming language is beneficial.

DELIVERY FORMAT

Instructor-led Public or Private classes are available.

TOPICS COVERED

Cortex LLM Functions

- Current State
- Generative AI Snowflake's Response
- Document AI
- Universal Search
- Snowflake Copilot
- Cortex LLM Functions Overview
- Cortex LLM Functions Specialized Functions
- Cortex LLM Functions COMPLETE
- Cost Monitoring

Snowflake ML Functions

- Snowflake ML Functions Overview
- Snowflake ML Functions Generalized Workflow
- Snowflake ML Function Specifications
- Snowflake ML Functions Cost Considerations
- Introduction to Snowflake Notebooks

Snowpark Container Services

- Snowpark Container Services Overview
- Container and Image Fundamentals
- Snowpark Container Services Core (SPCS) Components
- SPCS Image Registry and Repository
- SPCS Compute Pools
- SPCS Services
- SPCS Container Deployment
- SPCS Specification Options
- SPCS Monitoring and Cost

Hybrid Tables

- What is a Hybrid Table?
- Implement Hybrid Tables
- Hybrid Table Cost Analysis
- Hybrid Table Limitations

Iceberg Tables

- Table Format Overview
- Iceberg Table Format
- Iceberg Tables in Snowflake Overview
- Create Managed Iceberg Tables in Snowflake
- Create Unmanaged Iceberg Tables in Snowflake
- Snowflake Iceberg Catalog SDK

Snowflake Native App Framework

- Snowflake Native App Framework Introduction and Overview
- Snowflake Native App Development
- Create an Application Package
- Install a Snowflake Native App
- Publish a Snowflake Native App