Fresh Snow: What's New in Snowflake '24

ONE-DAY WORKSHOP

24C28

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DATASHEET

OVERVIEW

As an experienced Snowflake professional, here is an opportunity for you to build on your existing Snowflake skills!

Take advantage of a full day to immerse yourself in features introduced to the Snowflake Platform over the past year. In this fast-paced workshop, you will expand your palette and broaden your working knowledge of Snowflake.

Our expert instructors accompany you on your trek with lectures, demos, and labs designed to give you practical, working knowledge of recent additions to the Snowflake Platform, curated for experienced Snowflake users.

Get ahead of the pack! Join us to conquer this snow-capped mountain and gain experience with the new features so you can determine where they fit in your use cases and solutions.

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 Platform 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 will be beneficial.

DELIVERY FORMAT

The workshop consists of lectures, demos, and labs.

TOPICS COVERED

Hybrid Tables

- Use this new Snowflake table type that is optimized for hybrid transactional and operational workloads requiring low latency and high throughput on small random point reads and writes.
- Create and configure hybrid tables with requisite primary keys and optional foreign key constraints, and join with hybrid tables and other Snowflake table types to query.

Snowflake Native Applications

- Create data applications that leverage core platform functionality utilizing the Native Application framework for sharing data, related business logic, and rich visualizations with other Snowflake accounts.
- Explore the Native Application framework components and workflow for developing, publishing, and installing applications.

Snowflake Cortex Functions

- Access industry-leading large language models (LLMs) fully hosted and managed by Snowflake using SQL or Python to enrich your data stored in the platform.
- Implement Snowflake's intelligent, ML-powered functions to automate (and democratize!) predictions and insights into your data using machine learning.

Iceberg Tables

- Utilize the Apache Iceberg open table format in conjunction with the Snowflake platform as a performant and flexible data lake strategy.
- Work with Snowflake Iceberg table semantics and configure internal and external catalog integrations to support interoperability.

Snowpark Container Services

- Deploy, manage, and scale secure and integrated containerized applications within the Snowflake Platform ecosystem.

- Build containers of different types (services, jobs) backed by an array of compute resources, including GPUs, as part of your data application stack.