Fresh Snow: What’s New in Snowflake ’23

1-DAY WORKSHOP

23C23
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 Data Cloud over the last 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 Snowflake’s recent additions, 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 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

Snowpark for Python

- Utilize Snowpark for Python for all phases of your data lifecycle and for processing all types of data (structured, semi-structured, unstructured)
- Create robust processing pipelines in Snowpark for Python that extract insights and prepare data for downstream use cases, including data science and machine learning, analytics, and application development
- Leverage Snowpark-optimized virtual warehouses to handle data science use cases with high memory requirements

Streaming Data

- Explore new capabilities with Snowpipe Streaming and the Snowflake Connector for Kafka to achieve low-latency loads

Transformation Pipelines

- Build efficient and reliable data transformation pipelines using a declarative approach simply by defining the desired end state
- Design and implement cost-effective transformation pipelines, offloading pipeline management to Snowflake

Performance Optimizations

- Explore Snowflake features, including Query Acceleration Service and Search Optimization Service, to gain performance benefits and improve costs

Additional Feature Content

- Explore capabilities to monitor and optimize data pipelines and proactively administer your Snowflake environments
- Enrich your coding experience