



SNOWFLAKE COST GOVERNANCE

SNOWFLAKE ON-DEMAND TRAINING

22101

OVERVIEW

This Snowflake on-demand Cost Governance course provides participants with the core knowledge and skills to successfully examine, control, and optimize costs to maximize use of Snowflake credits.

KEY BENEFITS

- Flexibility to learn at your own pace and schedule.
- Remote access to content and learning materials on an unlimited basis during the Term.

ACQUIRED SKILLS

- Explain Snowflake's architecture and how organizations use the Snowflake Cloud Data Platform to support their business.
- Summarize how Snowflake supports cost governance through proactive management, control, and optimization of credit consumption.
- Apply Snowflake best practices to facilitate effective cost governance.
- Carry out cost governance on Snowflake for a sample organization.
- Use Snowflake dashboards to: (i) obtain an overall picture of spend; and (ii) drill down into specific spend.
- Describe a chargeback model that will enable attribution of spend to organizational groups.
- Outline guardrails to enable regulation of consumption and protect against overspend.
- Identify usage anomalies.
- Examine detailed usage data provided by Snowflake to identify possible areas for resource consumption optimizations.

WHO SHOULD ATTEND

- Central Snowflake financial operations administrators
- Technical administrators who manage and monitor spend

PREREQUISITES

- Basic knowledge of SQL is recommended, but not required.
- Experience analyzing data
- Familiarity with Snowflake Administration

DELIVERY FORMAT

- This course is a combination of on-demand content and self-paced labs.

TOPICS COVERED

Snowflake Overview and Architecture

- Introduction to Snowflake
- Snowflake architecture

Snowflake Billing

- Snowflake credits and consumption
- Cost Governance Framework
- Applying an overarching, organizational cost governance structure

Visibility

- Define the Visibility components
- An overall picture of spend
- Establish a usage baseline
- Explain, attribute, and monitor spend
- Describe how to use a chargeback model to assign spend to different departments
- Specify how a Resource Monitor can provide alerts when approaching spending limits

Control

- Define the Control components
- Review and adjust existing virtual warehouse properties to prevent runaway costs
- Create Resource Monitors to proactively suspend runaway workloads
- Set up Resource Monitors for budget control

Optimization

- Define the Optimization components
- Identify usage anomalies
- Examine query usage information to identify optimization opportunities
- Identify inefficient and expensive queries and workloads to facilitate improvements

DURATION

- Five hours of content, demos, quizzes, and hands-on labs.

- Snowflake will provide access to an environment with sufficient credits to complete exercises and labs during the Term.