Course Code: HSNF01G

Course Title: Snowflake Fundamentals Training

Description:

This 4-day course covers the fundamental concepts, design considerations, and best practices intended for key stakeholders who will be working on the Snowflake Cloud Data Platform.

Objectives:

By the end of this class, you will be able to:

- Illustrate the unique and differentiated architecture of the Snowflake Cloud Data Platform
- Load and transform data
- Evaluate Query Constructs and DDL & DML Operations
- Review Snowflakes broad SQL support for data analysis
- Describe how user and application access can be easily managed
- Demonstrate best practices for working with semi-structured data
- Discuss how Snowflake provides a unique approach to caching Examine the various ways to connect and interact with the Snowflake Platform
- Employ Snowflake's method for continuous data protection
- Utilize Data Sharing to send your data in real-time to Customers and Partners
- Scale your Virtual Warehouse for performance and concurrency
- Explain the different ways you can manage and monitor your Snowflake account

Prerequisites:

Previous Data Warehouse knowledge is expected.

Duration:

32 Hrs

Topics:

Unit 1: Overview and Architecture

Unit 2: Connecting to Snowflake

Unit 3: Data Protection features

Unit 4: SQL Support in Snowflake

Unit 5: Metadata and caching in Snowflake

Unit 6: Query Performance

Unit 7: Data loading and unloading

Unit 8: Functions, Procedures and Snowflake Scripting

Unit 9: Using Tasks and Managin Security

Unit 10: Access Control and User Management

Unit 11: Introduction to Data Sharing

Unit 12: Cost Management

Audience:

- Data Analysts
- Data Engineers
- Data Scientists
- Database Architects
- Database Administrators

Certification:

Snowflake SnowPro Core Certification