

Snowflake Data Engineer Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Snowflake Data Engineer Training offered by Multisoft Systems is a specialized program designed to educate and equip participants with the skills needed to effectively use Snowflake, a leading cloud-based data warehousing solution. The course delves into data engineering concepts, such as data integration and pipeline creation, using Snowflake's advanced tools. Suitable for data engineers, analysts, and IT professionals, this training offers practical, hands-on experience, preparing participants for real-world data warehousing challenges and enhancing their data engineering competencies in the context of Snowflake's innovative cloud platform.

Module 1: Snowflake Architecture and Overview

- ✓ Snowflake Architecture
- ✓ Cloud Services Layer
- ✓ Data Storage Layer
- ✓ Compute Layer
- ✓ Sample Data
- ✓ Web User Interface
- ✓ SnowSQL

Module 2: Time Travel and Cloning

- ✓ Time Travel
- ✓ Cloning and Agile Development

Module 3: Snowflake Structure and SQL

- ✓ Snowflake Structure
- ✓ Data Definition Language (DDL)
- ✓ Data Manipulation Language (DML)

Module 4: Data Loading

- ✓ Data Loading Concepts
- ✓ Bulk Loading

Module 5: Semi-structured Data

- ✓ Querying
- ✓ Load and Unload

Module 6: Data Loading Considerations

- ✓ Snowflake Best Practices
- ✓ Data Loading, Transformations, and Validations

Module 7: Performance

- ✓ Query Profile

Module 8: Explain Plan

- ✓ SQL Performance Tips
- ✓ Performance Bottleneck Scenarios

Module 9: Caching

- ✓ Metadata Cache
- ✓ Query Result Cache
- ✓ Data Cache

Module 10: Clustering

- ✓ Natural Clustering