

SNOWFLAKE INTRODUCTION

PREREQUISITES: BASIC KNOWLEDGE OF COMPUTERS, SQL COMMANDS

Duration: 1 Day (8 Hrs/Day)

Course Objective: This course on Snowflake provides essential knowledge and skills for effective data warehousing and analytics. Learn Snowflake's architecture, manage virtual warehouses, monitor resources, optimize queries, implement security measures, and scale workloads. Perfect for data professionals seeking to leverage Snowflake for actionable insights.

Operating System: Windows

Lab Requirement: Koenig-DC (Windows) and Snowflake Snowsight Account

Module 1 - Snowflake Architecture and Overview

Snowflake Technical Overview

Cloud Services Layer

Compute Layer

Storage Layer

Lab: How to sign up for Snowflake account

Module 2 - Snowflake

Snowsight navigation

SnowSQL Snowflake CLI

Managing Virtual Warehouses

Monitoring Tool: Resource Monitors

Lab: How to use snowsight

Lab: How to use snowsql CLI tool

Lab: How to use Snowsight for writing Queries

Lab: How to create Databases

Lab: How to create Schemas

Lab: How to create Views

Lab: How to load the data into Snowflake

Lab: How to view a query profile

Lab: How to format a query

Lab: How to use RBACs

Lab: How to manage resource monitor

Lab: How to create resource monitor

Lab: How to manage virtual warehouses

Lab: How to scale a virtual warehouse

Lab: How to read snowflake's documentation for future reference (Tips and tricks included)