Introducton to Snowflake SQL

2 day training course







Course contents

This course will cover the following topics. Those marked with (*) will be covered if time allows.

Getting started with Snowflake

- Getting Snowflake
- The Snowsight interface

Snowflake concepts

- Compute versus storage
- Warehouses
- Role-based access control

Databases

- Creating databases
- Creating schemas
- Assigning roles

Basic ingestion

- Loading CSV files
- Confirming data types
- Primary keys are not enforced

The Horizon Catalog

- Database Explorer
- Users and roles

Basic Queries

- Projects and worksheets
- Creating queries
- Comments and coding standards

Running Queries

- Choosing lines to run
- Viewing run history

Criteria using WHERE

- Using wildcards
- Criteria for dates
- Coping with nulls

Calculated columns

- Expressions and aliases
- Data type conversion
- The CASE statement

Date calculations

- CURRENT_DATE()
- Converting and formatting dates
- Useful date functions

Relational databases

- Relational database design
- Joins are not enforced

Joins

- Inner joins
- Table aliases
- Left and right outer joins
- Cross joins

Aggregation and grouping

- Aggregation functions
- Various ways to count
- Grouping by fields
- Using HAVING to filter results

Common Table Expressions (*)

- CTE syntax
- Avoiding repeated expressions
- Simplifying multiple grouped field queries

Subqueries (*)

- Syntax of subqueries
- Using subqueries in a query

Pre-requisites for Introducton to Snowflake SQL course

There are no particular pre-requisites for you to satisfy before you attend this course, although if your organisation doesn't use Snowflake your training might not be a cost-effective investment!

Prices

Venue	Address	Price per place
London	Landmark, 99 Bishopsgate, London EC2M 3XD	£1,425 per person + VAT
Manchester	Holiday Inn, 25 Aytoun Street, Manchester M1 3AE	£1,050 per person + VAT
Online	Your home or office!	£875 per person + VAT

Scheduled Dates

Dates	Venue	Times	Price per place	Booking
Thu/Fri 11-12 February 2027	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 01-02 April 2027	Online	09:30-16:30	£875 + VAT	Book this
Thu/Fri 20-21 May 2027	Online	09:30-16:30	£875 + VAT	Book this

If you can't see the dates that you want, ask us about organizing a customized course at your office (we'll provide and set up the computers), or else an online course tailored to your needs.