



Complete Practical; Real-time Job Oriented Training

Thank you for contacting our **SQL School** Training Institute. We assure you 100% Practical, step-by-step training on the **Snowflake BI** Course.

Whom we are?

Over 19 Years of strong commitment to training excellence, we assure you a 100% practical, step-by-step learning process paired with Assignments, Use Case Scenarios, and real-time project Implementations for your Resume and Job Work. We are sure you will have a wonderful journey with us.

Details of our Snowflake BI Training

1. What is Snowflake BI?

Snowflake is a **cloud-native data warehousing platform** that enables seamless **business intelligence and reporting**. It allows organizations to store, process, and visualize large datasets with **high performance and scalability**.

2. Who can join this course?

1. BI Analysts
2. Data Analysts
3. Report Developers
4. SQL Developers
5. MIS Professionals
6. Anyone looking to upskill in **Cloud BI and Reporting**

3. What is included in this complete, practical step by step-by-step course?

DWH BASICS	DWH ARCHITECTURE	CLOUD BASICS	SNOWFLAKE CONCEPTS	SNOWFLAKE ARCHITECTURE	VWH ARCHITECTURE
MPP ARCH	SNOWFLAKE OPERATIONS	CLASSIC UI	SNOWSIGHT	EDITIONS, PRICING	DWH CREATION
DATABASES	SCHEMA CONCEPT	TABLES, DATA LOADS	CTAS, SCHEMAS, CONTEXT	CONSTRAINTS, KEYS	VIEWS, DATA TYPES
TRANSIENT TABLES	TEMPORARY TABLES	DATA RECOVERY	UNDROP, OFFSET, QID	SNOWFLAKE CLONING	ZERO COPY CLONE
PROCEDURES, UDF	sqlText(), statement()	CURSORS DATA	TRANSACTIONS	EXPLICIT, AUTO COMMIT	BATCH PROCESSING
SECURITY MANAGEMENT	SYSTEM ROLES	USERS, PREVELIGES	RBAC	DAC	OBJECT SECURITY
DATA STREAMS	CDC	SCHEDULED TASKS	DML, DDL, TCL AUDITS	DATA RECOVERY	TIME TRAVEL
TASKS	DAG	CRON CONCEPTS	PARTITIONS	TABLE PARTITIONS	INDEXES, TUNING
SNOWSQL	TOOL CONFIGURATION	SNOW CLOUD AUTH"	VARIABLES	OPERATORS, AUDITS	DATA IMPORTS
STAGES	INTERNAL STAGES	EXTERNAL STAGES	AZURE CLOUD	BLOB DATA STAGES	COPY INTO
SNOWPIPIES	INTEGRATIONS	AZURE AD AUTH"	FILE FORMATS	INCREMENTAL LOADS	REAL-TIME PROJECT

4. What about Placement Assistance?

We train you with step-by-step activities, concept wise FAQs and Answers. Resume Guidance and Placement Assistance part of this Snowflake Training Program!

5. How do I join the course?

Reach us now on +91 9666440801 or visit us on www.sqlschool.com/schedules

Snowflake BI Training

Module 1: SQL Server TSQL (MS SQL) Queries

Helpful for Data Analysts, Data Engineers, Data Scientists, BI Developers

Ch 1: Introduction ✓ Database Introduction ✓ Types of Databases ✓ Need for & ETL, DWH ✓ BI Implementations ✓ SQL Server Advantages ✓ Version, Editions of MSSQL ✓ Data Engineering Job Roles	Ch 2: Installations ✓ SQL Server 2019, 2017 ✓ SSMS Tools Installation ✓ Database Engine (OLTP) ✓ SCM, Configuration Tools ✓ Instance Types, Uses ✓ Authentication Modes ✓ Collation, File Stream	Ch 3: SQL Basics - 1 ✓ Need for Databases, Tables ✓ Need for SQL Commands ✓ DDL, DML & DQL Statements ✓ Database Creation @ GUI ✓ Data Operations @ GUI ✓ Session ID, SQL Context ✓ DB, Tables, Data @ SQL
Ch 4: SQL Basics - 2 ✓ DDL Variants in MSSQL ✓ DML Variants in MSSQL ✓ INSERT & INSERT INTO ✓ SELECT & SELECT INTO ✓ Basic Operators in SQL ✓ Special Operators in MSSQL ✓ ALTER, ADD, TRUNCATE, DROP	Ch 5: Data Imports, Schemas ✓ Data Imports with Excel ✓ ORDER BY & UNION ✓ UNION ALL For Sorting Data ✓ Creating, Using Schemas ✓ Real-world Banking Database ✓ Table Migrations @ Schemas ✓ 2 Part, 3 Part & 4 Part Naming	Ch 6: Constraints, Index Basics ✓ Need for Constraints, Keys ✓ NULL, NOT NULL, UNIQUE ✓ Primary Key & Foreign Key ✓ RDBMS and ER Models ✓ Identity Property, Default ✓ Clustered Index, Primary Key ✓ Non-Clustered Index, Unique
Ch 7: Joins & Views Basics ✓ JOINS: Purpose. Inner Joins ✓ Left / Right / Full Outer Joins ✓ Cross Joins, Query Tuning ✓ Creating & Using Views ✓ DML, SELECT with Views ✓ RLS : WITH CHECK OPTION ✓ System Views & Metadata	Ch 8: Functions (UDF), Data Types ✓ Using Functions in MSSQL ✓ Scalar Value Functions ✓ Inline & Multiline Functions ✓ Date & Time Functions ✓ String, Aggregate Functions ✓ Data Types : Integer, Char, Bit ✓ SQL Variant, Timestamp, Date	Ch 9: Stored Procedures, Models Stored Procedures & Usage Creating, Testing Procedures ☐ , Encryption, Deferred Names SPs for Validations, Analysis System SPs, Recompilation Normal Forms & Types Data Models, Self-References

Ch 10: Triggers, Temp Tables ✓ Need for Triggers ✓ DDL & DML Triggers ✓ Using Memory Tables ✓ Data Replication, Automation ✓ Local & Global Temp Tables ✓ Testing & Using Temp Tables ✓ SELECT .. INTO & Bulk Loads	Ch 11: DB Architecture, Locks - Planning VLDBs : Files, Sizing - Filegroups, Extents & Types - Log Files : VLF, Mini LSN - Table Location, Performance - Schemas, Transfer, Synonyms ⓘ - Transactions Types, Lock Hint - Query Blocking Scenarios	Ch 12: Cursors & CTEs, Links ✓ Cursors : Realtime Use ✓ Fetch & Access Cursor Rows ✓ CTEs for SELECT, DML ✓ CTEs: Scenarios & Tuning ✓ Linked Servers, Remote Joins ✓ Linked Servers: MSDTC, RPC ✓ Tuning Remote Queries
Ch 13: Merge, Upsert & Rank ✓ Need for Merge in ETL ✓ Incremental Loads with SQL ✓ MERGE and RANK Functions ✓ Window Functions, Partition ✓ Identify, Remove Duplicates	Ch 14: Grouping & Cube ✓ Group By & HAVING ✓ Cube, Rollup & Grouping ✓ Joins with Group By ✓ 3 Table, 4 Table Joins ✓ Query Execution Order	Ch 15: Self Joins, Excel Analysis ✓ Self Joins & Self References ✓ UNION, UNION ALL ✓ Sub Queries with Joins ✓ IIF, CASE, EXISTS Statements ✓ Excel Analytics, Pivot Reports
Real-time Case Study		

Module 2: Snowflake

Ch 1: Introduction to Snowflake ✓ Database, DWH Introduction ✓ OLTP, OLAP and DWH ✓ Data Warehouse Advantages ✓ Cloud DWH Implementations ✓ IaaS, PaaS & SaaS Concepts ✓ Snowflake Cloud Intro ✓ Snowflake: SaaS Platform ✓ Snowflake Advantages	Ch 2: Snowflake Concepts - Snowflake Account (Cloud) - Snowflake Components - Snowflake Editions, Credits - Web UI & Snow Sight - Snowflake Editions - Snowflake Storage - Virtual Private Edition (VPS) - Snowflake Pricing	Ch 3: Architecture, Warehouse ✓ Compute Architecture ✓ Shared Disk Architecture ✓ Nodes and Clusters ✓ CPU & Memory in Clusters ✓ Database Query & Data Cycle ✓ ColumnStore, Virtual Warehouse ✓ Classic UI with Snowflake ✓ Massively Parallel Processing
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Ch 4: Snowflake DB & Tables ✓ DB Objects and Hierarchy ✓ Worksheet Parameters ✓ DB Creation with Snowflake ✓ Snowflake Tables and Usage ✓ Retention Time, Connections ✓ Permanent, Transient Types ✓ CREATE TABLE AS SELECT ✓ ALTER, DROP & UNDROP	Ch 5: Time Travel, Recovery ✓ Time Travel in Snowflake ✓ Continuous Data Protection ✓ Invoking Time Travel Feature ✓ Timestamp, Offset, Query ID ✓ Data Recovery, TIMESTAMP ✓ OFFSET in Real-world ✓ Fail Safe and UNDROP ✓ Transient Tables, Real-time	Ch 6: Schemas and Session Context ✓ Schema Creation Usage ✓ Permanent, Transient Schemas ✓ Managed Schemas in Snowflake ✓ Invoking Schemas & Cloning ✓ Snowflake Workspaces ✓ Session Context & Schema ✓ Query and History Tab in GUI ✓ Data Loading with GUI
Ch 7: Constraints & Data Types ✓ Constraints & Validations ✓ NULL, NOT NULL Properties ✓ Keys & Constraints, Usage ✓ Inline, Out Of Line Constraints ✓ Table Constraints, Use ✓ ENFORCED Constraints ✓ DEFERRED, IMMEDIATE ✓ Snowflake Data Types	Ch 8: Snowflake Cloning ✓ Cloning with Snowflake ✓ Zero Copy, Schema Cloning ✓ Real-time Cloning ✓ Snapshot, Metadata ✓ Permissions for Cloning ✓ Accessing, Clone ✓ Storage & Metadata Layer ✓ Real-time Considerations	Ch 9: Snowflake Procedures ✓ Procedures and Functions ✓ SQL and JavaScript & CALL ✓ Transactions & Injection ✓ sqlText:command ✓ Cursoring Data and Operations ✓ Dynamic DML with SPs ✓ Working with Loops ✓ RETURN, RETURNS Statements
Ch 10: Security Management Security with Snowflake Users & Roles in Snowflake Privileges and Groups Organization, Account, Users Creating, Using Roles, Users System Defined Roles Usage ⓘ Role Hierarchy, Dependency RBAC & DAC in Real-time	Ch 11: Snowflake Transactions ✓ Transaction ACID Properties ✓ Implicit, Explicit and Auto ✓ Durability and Data Storage ✓ current_transaction() Usage ✓ to_timestamp_ltz and Usage ✓ Failed Transactions with SPs ✓ Transactions and SPs ✓ Scoped & INNER Transactions	Ch 12: Snowflake Streams & Audits ✓ Snowflake Streams & Usage ✓ Streams and DML Auditing ✓ Snapshot Creation, Offset ✓ METADATA Options & Streams ✓ Auditing DML Operations ✓ Data Flow & Snowflake Streams ✓ Streams on Transient Tables ✓ Time Travel with Stream Tables

Ch 13: Snowflake Tasks, Partitions ✓ Tasks, Serverless Compute ✓ Tasks Tree: Root and DAG ✓ Tasks Schedules and RESUME ✓ User & Snowflake Managed ✓ CRON Syntax with Tasks ✓ Virtual Warehouse Concepts ✓ Multi Cluster Warehouse ✓ Auto Scale Options, Billing	Ch 14: SnowSQL and Variables - SnowSQL Configurations - DDL, DML & SELECT - SnowSQL Command Line - Variables and Batch Process ? - DECLARE, LET, BEGIN & END - EXECUTE IMMEDIATE, FOR - Creating Virtual Warehouse - Writing Output to Files	Ch 15: Snowflake Partitions, Stages - Snowflake Partitions, Use - Micro Partition with DML, CDC - Cluster Key, Depth and Overlap - Internal Partition Types & Usage - List, Range and Hash Partitions - Snowflake Stages, Types - Internal and External Stages ? COPY - Command, Bulk Loads
Ch 16: Azure & External Stages ✓ Azure Subscriptions ✓ Azure Storage Account, BLOB ✓ SAS: Shared Access Signature ✓ Using SAS Key and FILE PATH ✓ Azure Storage with BLOB ✓ COPY INTO Command Usage ✓ Snowflake Patterns & RegEx ✓ File Formats: Creation, Usage	Ch 17: Snow Pipes & Incr Loads ✓ SnowPipe Incremental Loads ✓ Azure Queues & Integrations ✓ Azure Active Directory ✓ External Stage, Enterprise AD ✓ Snow Pipes and Data Loads ✓ Incremental Data Loads ✓ Enterprise Applications ✓ File Format with Reg Expr	Ch 18: Power BI with Snowflake ✓ Power BI: Big Data Analytics ✓ Configuring Power BI ✓ Snowflake Data Access ✓ Datawarehouse Access ✓ SnowPro Exam Guidance ✓ SnowPro Exam Samples ✓ Certification Guidance

Module 3: Power BI with AI, CoPilot

Ch 1: Power BI Introduction ✓ Reporting Basics & Types ✓ Interactive, Analytical Reports ✓ Paginated Reports (RDL) ✓ Power BI Eco System ✓ Power BI Tools, Service, Server ✓ Need for Power Query (M) ✓ Need for DAX & Cloud	Ch 2: Power BI Basic Reports ✓ Power BI Desktop Installation ✓ Basic Report Design (PBIX) ✓ Data View, Data Models ✓ Data Points, Aggregations ✓ Focus Mode, Spotlight, Exports ✓ ToolTip, PBIX and PBIT ✓ Visual Interactions & Edits	Ch 3: Grouping, Hierarchies ✓ Creating Groups in Power BI ✓ Groups : Creation & Usage ✓ Group Edits Options ✓ Bins & Bin Size, Bin Count ✓ Hierarchies: Creation, Use ✓ Drill Down, Drill Up ✓ Conditional Drill Down
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Ch 4: Visual Sync, Filters ✓ Slicer & Single Select ✓ Multi Select Options ✓ Integer, Character Slicers ✓ Visual Sync with Slicers ✓ Filters: Visual, Page, Report ✓ Drill Thru Filters & Usage ✓ Basic, Top & Advanced ✓ Clear Filter Options, Resets	Ch 5: Bookmarks, Big Data Access ✓ Bookmarks Creation & Usage ✓ Visual Interactions, Bookmarks ✓ Images : Actions, Bookmarks ✓ Big Data Access with Power BI ✓ Storage Modes: Direct Query ✓ Import & Performance Impact ✓ Formatting & Data Refresh ✓ Summary & Date Time Formats	Ch 6: Power BI Visualizations ✓ Chart and Bar Visuals ✓ Line and Area Charts ✓ Maps, TreeMaps, HeatMaps ✓ Funnel, Card, Multrow Card ✓ PieCharts & Settings ✓ Waterfall, Sentiment Colors ✓ Scatter Chart, Play Axis ✓ Infographics, Classifications
Ch 7: Power Query Level 1 ✓ Power Query (Mashup) ✓ ETL Transformations in PBI ✓ Power Query Expressions ✓ Table Combine Options ✓ Merge, Union All Options ✓ Table Transformations	Ch 8: Power Query Level 2 ✓ Any Column Transformations ✓ String / Text Transformations ✓ Numeric Analytics & Mashup ✓ Date Time Transformations ✓ Add Column Transformations ✓ Expressions and New Columns	Ch 9: Power Query Level 3 ✓ Parameters in Power Query ✓ Static Parameters, Defaults ✓ Dynamic Dropdowns, Lists ✓ Linking with Table Queries ✓ Column From Examples ✓ Step Edits, Type Conversions
Ch 10: Power BI Cloud - 1 ✓ Power BI Cloud Concepts ✓ Workspace Creation, Usage ✓ Report Publish & Edits ✓ Semantic Models in Realtime ✓ Dashboard Creation, Usage ✓ Clone, Share, Subscribe ✓ Q&A, Lineage, Settings	Ch 11: Power BI Cloud - 2 ✓ Data Gateways, Data Refresh ✓ Data Source Configurations ✓ Data Refresh & Scheduling ✓ Gateway Optimizations ✓ Semantic Model Optimizations ✓ Report Optimizations ✓ Dashboard Optimizations	Ch 12: Power BI Cloud - 3 ✓ Power BI Apps, Shares ✓ App Sections & Options ✓ App Updates, Security ✓ Excel Analytics ✓ Data Explorer Options ✓ Sharing, Subscriptions ✓ Alerts, Metrics, Insights
Ch 13: Report Server & DAX ✓ Power BI Report Server ✓ Report Database, TempDB ✓ Web Service & Server URL ✓ Paginated Reports (RDL) ✓ Report Builder Tool Usage ✓ DAX : Purpose, Realtime Use	Ch 14: DAX Level 2 ✓ DAX Measures Creation, Use ✓ DAX Functions: IIF, ISBLANK ✓ SUM, CALCULATE Functions ✓ DAX Cheat Sheet : Examples ✓ Quick Measures in Power BI ✓ Running Totals, Filters	Ch 15: DAX Level 3 ✓ Star Rating Calculations ✓ Data Models & DAX ✓ Star & Snowflake Schemas ✓ Dimensions, Fact Tables ✓ DAX Expressions & Joins ✓ DAX Variables, Usage
Ch 16: DAX Level 4 ✓ Dynamic Report with DAX ✓ SELECTED MEMEBER ✓ Time Intelligence with DAX ✓ PARALLELPERIOD, DATE ✓ DAX with Big Data ✓ Big Data Analytics	Ch 17: AI Fundamentals & Data ✓ AI Fundamentals ✓ AI Implementation Concepts ✓ AI Nomenclature in Cloud ✓ AI with Azure ✓ AI with Power BI ✓ AI with Databases	Ch 18: Microsoft CoPilot (AI) ✓ Implementing AI in Cloud ✓ Co-Pilot Concepts in BigData ✓ AI with Power BI Desktop ✓ AI with Power BI Cloud ✓ AI with Power BI DAX ✓ Big Data Analytics with AI

This course also includes:

- ✓ Realtime Project
- ✓ Certification Guidance
- ✓ Mock Interviews
- ✓ Resume Guidance

- 📞 **For more details, free demo:** Call/WhatsApp @ +91 9666 64 0801 / +91 9666 44 0801
- 📍 **Address:** Sai Anu Avenue, Street #3, Patrika Nagar, Hitech City, Hyderabad, Telangana, India
- 📍 **Location:** <https://maps.app.goo.gl/ZVfPGpVy7n8jGmcR9>

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Trending Job Roles

- Data Analyst
- Data Engineer
- Data Architect
- Data Scientist
- Developer, more .. !

Training Highlights

- ✓ Step by Step
- ✓ LIVE Project(s)
- ✓ Job Assistance
- ✓ Resume Guidance
- ✓ Concept wise FAQs

www.sqlschool.com