



NEXT

IT CAREER

moving minds to right place



Snowflake + DBT

Certification Training



Best Training and Placements Institute

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About Next IT Career

Next IT Career Best Software Coaching Center in Hyderabad Corporate training is a function of human resource management that aims to provide the organization's employees with the knowledge and skills required to be successful. In turn, the growth of employees also contributes to the success of the business. In recent years, its also seen as a long-term strategic assignment rather than a cost center for the organization. The majority of companies have embraced 'continual learning' in it to promote employee growth both professionally and personally and acquire a highly skilled workforce as a result.



Corporate Training



Classroom Training



Online Training

Why Choose Us?



**Training by
Certified Instructors**



Weekly Assignments



Project Training



Resume Preparation



Mock Interviews



**Interview cracking
tips**

SNOWFLAKE - DBT COURSE CONTENT

1. OVERVIEW

- Snowflake History
- Introduction to Snowflake
- Architecture of Snowflake (Services Layer, Compute Layer, Storage Layer)
- Snowflake Registration
- SnowSQL
- Setting up the Config file

2. COMPUTE LAYER/VIRTUAL WAREHOUSE

- Introduction to Compute Layer
- Introduction to the Virtual Warehouses

3. STAGING IN SNOWFLAKE

- Types of Staging (Internal, External)
- Internal Stage (User Stage, Table Stage, Named Stage)
- Loading the data into Different Stages
- Loading multiple files into User Stage by creating a folder using regular expressions
- Listing the stages (User, Table, Named)
- Creating a Snowflake Managed Internal Stage
- Loading the data into the internal stage

4. EXTERNAL STAGES, AWS EXTERNALSTAGE

- Introduction to the external stage
- Explanation on AWS Console.
- Examples on S3 Service in AWS
- Create a Bucket, User, Folder, Role, Policy in AWS
- Upload the files and list all the files in SF

5. COPY COMMAND

- Options available in Copy Into command
- Introduction of loading the data in the snowflake
- Loading a single file into a table
- Loading the selected files into a table

6. TABLES IN SNOWFLAKE

- Introduction of Tables
- Different type of the tables and differences
- Design Considerations based on the environment
- Introduction to Data Retention Policy

7. SNOW PIPE

- Introduction to the Snow pipe
- Create a bucket and Folder in AWS
- Creating a Role for Snow pipe
- S3 Policy Assignment to the Role
- Creating the Staging, Integration, pipe, Event configuration, Notification in AWS
- Creating the Storage Account, Container, Queue, Event, Notification, Pipe in Azure
- Creating the Bucket, Folder, Storage Integration Object, External storage in Google Cloud

8. TIME TRAVEL

- Introduction of Time Travel
- Data Life Cycle and Time Travel operations
- Time Travel SQL Extensions, Parameters, Offset
- Timestamp, Statement, UN Drop
- Retrieving the Historical Data

9. CLONING

- Introduction of Cloning
- Cloning of Tables
- Cloning Database and Schemas
- Discussing Fail Safe
- Querying the Space for Table, Time Travel and Fail Safe

10. STREAMS

- Introduction to the streams
- Creating and identifying the key Aspects of Stream
- METADATA\$ACTION, METADATA\$UPDATE, METADATA\$ROW_ID
- Load the Data into the Target Table
- Insert, Update, Delete - Related to stage Table data

11. TASKS

- Introduction to the Tasks
- Introduction to the Schedules in Tasks • Create a Task (Stand Alone Task)
- Create a dependent, Parent, Child tasks
- Order of resuming and suspending the tasks.
- Scheduling the Tasks

12. CACHING

- Introduction to caching
- Types of Cache
- Clustering in Snowflake

13. DATA SHARING

- Introduction to Data Sharing, Reader Account
- Inbound and Outbound Shares
- Data Sharing with External snowflake Accounts
- Data Market Place (Inbound, Outbound)

14. ROLES IN SNOWFLAKE

- Introduction to Pre-Defined Roles
- Introduction to Custom Roles
- Creating Users, Custom Roles
- Understanding about Privileges

15. FUNCTIONS AND STORED PROCEDURES

- Introduction to the Functions
- Introduction to Stored Procedures

16. MATERIALIZED VIEWS, EXTERNAL TABLES

- Introduction of Materialized Views
- Refreshing the MIEWS
- Create and Query the Data from the External Tables
- Querying JSON Data.

17. PYTHON CONNECTORS

- Introduction on how to communicate between Python and Snowflake using connector.
- Querying the table from Python.

18. LOAD DATA FROM ORACLE TO SNOWFLAKE USING INFORMATICA CLOUD

- Introduction to Informatica Cloud.
- Installation and configuration.
- Creating Mappings and Tasks to load the data from Oracle to Snowflake

19. DATA BUILD TOOL

- Environment Setup
- Visual Studio Code
- GitHub repo creation
- DBT installation
- Create/ Execute first DBT model
- Installation and configuration.

ADVANCED AI FEATURES

1. Cortex AI
2. Cortex Search/Analyst
3. Stramlit
4. Notebook
5. Snowpark
6. Performance Tunning

SNOW PARK EXAMPLES

- A. DBT Overview
- B. Features of DBT
- C. BT core vs DBT Cloud
- D. Environment Setup
- E. Visual Studio Code
- F. Git hub repo creation
- G. Snowflake trail account creation

Our Other Courses

Trending Software Testing courses

Manual Testing 

Selenium Automation 

Tocsa 

ETL Testing 

Performance Testing 

API Testing 

Load runner 

J-meter 

Neo load 

Most Trending Courses

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Java Full Stack 

Python Full Stack 

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Our Infrastructure

