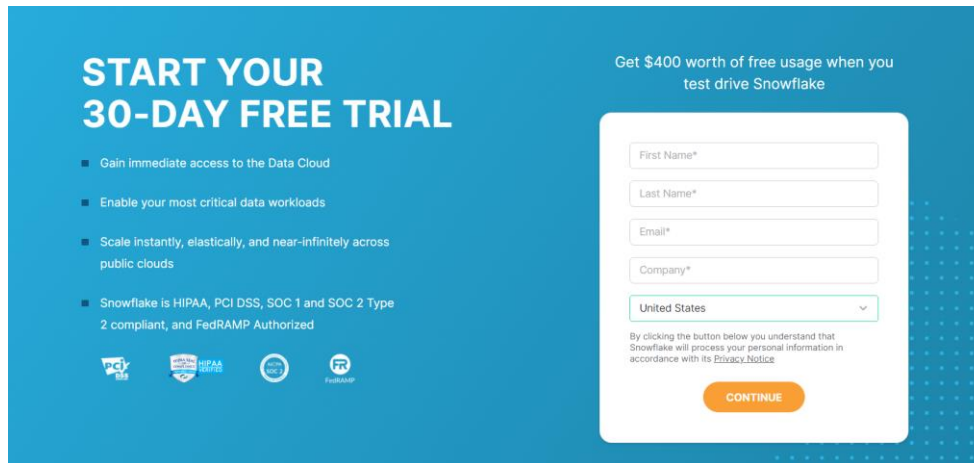


Steps to load data to Snowflake:

1. Sign up on snowflake using the link provided to you in the assignment A4



START YOUR 30-DAY FREE TRIAL

Get \$400 worth of free usage when you test drive Snowflake

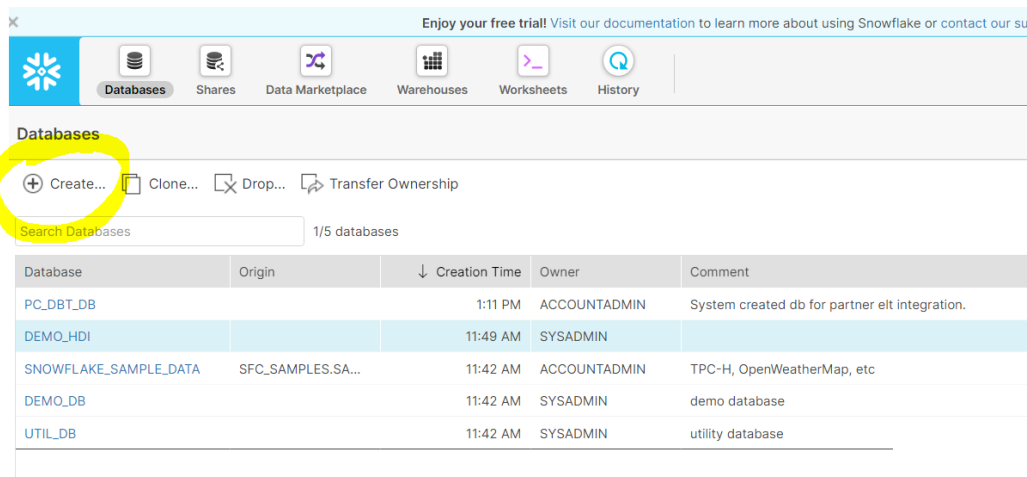
- Gain immediate access to the Data Cloud
- Enable your most critical data workloads
- Scale instantly, elastically, and near-infinity across public clouds
- Snowflake is HIPAA, PCI DSS, SOC 1 and SOC 2 Type 2 compliant, and FedRAMP Authorized

First Name*
Last Name*
Email*
Company*
United States

By clicking the button below you understand that Snowflake will process your personal information in accordance with its [Privacy Notice](#)

CONTINUE

2. Go to Databases -> create new database -> name it



Enjoy your free trial! Visit our documentation to learn more about using Snowflake or contact our support team.

Databases | Shares | Data Marketplace | Warehouses | Worksheets | History

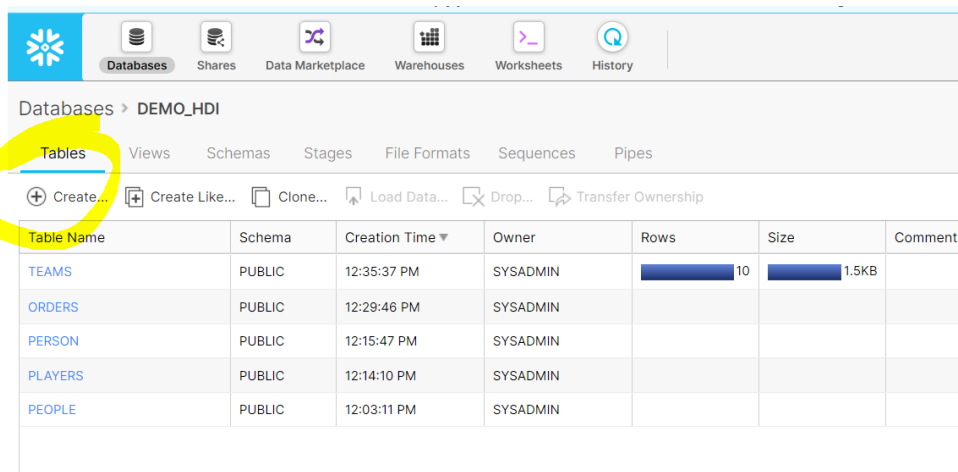
Databases

+ Create... | Clone... | Drop... | Transfer Ownership

Search Databases 1/5 databases

Database	Origin	Creation Time	Owner	Comment
PC_DBT_DB		1:11 PM	ACCOUNTADMIN	System created db for partner elt integration.
DEMO_HDI		11:49 AM	SYSADMIN	
SNOWFLAKE_SAMPLE_DATA	SFC_SAMPLES.SA...	11:42 AM	ACCOUNTADMIN	TPC-H, OpenWeatherMap, etc
DEMO_DB		11:42 AM	SYSADMIN	demo database
UTIL_DB		11:42 AM	SYSADMIN	utility database

3. Create table:



Databases > DEMO_HDI

Tables | Views | Schemas | Stages | File Formats | Sequences | Pipes

+ Create... | Create Like... | Clone... | Load Data... | Drop... | Transfer Ownership

Table Name	Schema	Creation Time	Owner	Rows	Size	Comment
TEAMS	PUBLIC	12:35:37 PM	SYSADMIN	10	1.5KB	
ORDERS	PUBLIC	12:29:46 PM	SYSADMIN			
PERSON	PUBLIC	12:15:47 PM	SYSADMIN			
PLAYERS	PUBLIC	12:14:10 PM	SYSADMIN			
PEOPLE	PUBLIC	12:03:11 PM	SYSADMIN			

Create Table

Table Name *

Schema Name ▼

Comment

Columns * ⊕ Add ✕ Remove

Name	Type	Not Null	Default
C1	STRING	<input type="checkbox"/>	
C2	STRING	<input type="checkbox"/>	

[Show SQL](#) Cancel Finish

4. This is essentially your schema where data will be loaded.
5. Now click on load table (Make sure your datatypes and column names match exactly or snowflake will give you error on loading data)
6. Select a warehouse (Remember this name) -> next

Load Data

Warehouse Source Files File Format Load Options

Which warehouse do you want to use to load the files?

▼

Cancel Next

Load Data

Warehouse Source Files File Format Load Options

From where do you want to load files?

☒ Load files from your computer

Select Files...

team_locations.csv (application/vnd.ms-excel) - 107B, last modified: 6/19/2021, 11:31:55 AM

☐ Load files from external stage

Stage ▼ +

Path

Cancel Back Next

Load Data

Warehouse Source Files **File Format** Load Options

CSV

[Show SQL](#) Cancel Back Next Load

7. You need to create a file format by clicking the plus icon. Choose csv format as the table given in Assignment is in csv.

Create File Format

Name * CSV

Schema Name PUBLIC

Format Type CSV

Compression Method Auto

Column separator Comma

Row separator New Line

Header lines to skip 1

Field optionally enclosed by None

Null String \\N

☐ Trim space before and after

[Show SQL](#) Cancel Finish

8. Click next -> Load data.

Load Data

Warehouse Source Files File Format **Load Options**

What should the load do if it encounters an error while parsing a file?

☐ Do not load any data in the file

☒ Stop loading, rollback and return the error

☐ Do not load any data in the file if the error count exceeds:

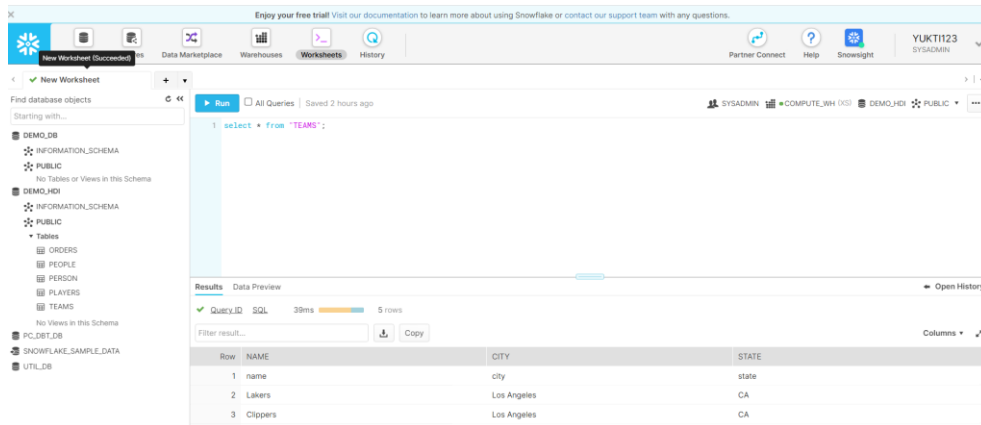
Threshold 0

☐ Continue loading valid data from the file

[Show SQL](#) Cancel Back Load

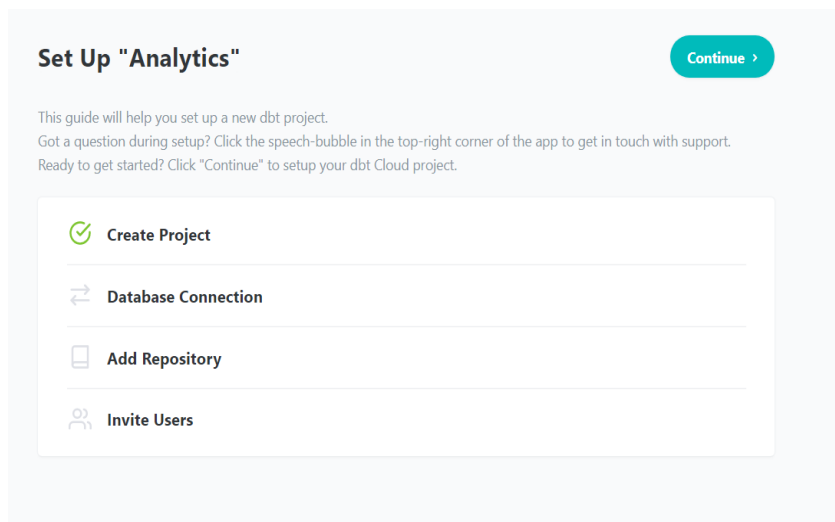
9. The table will be loaded in snowflake if you have created the correct schema.
10. Check this table is loaded properly by querying it in worksheets.

11.

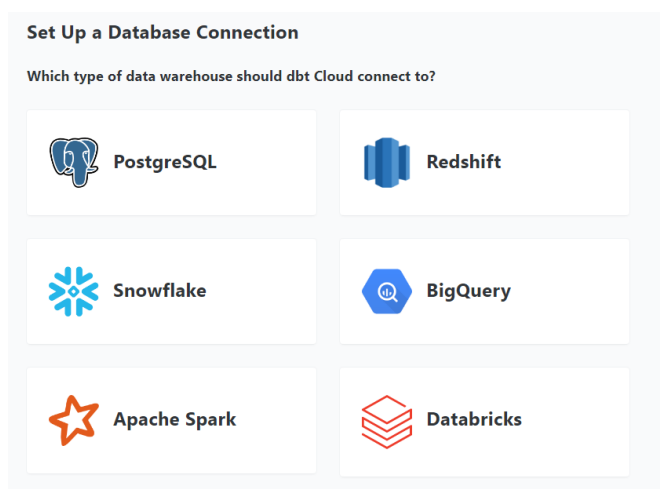


Steps to connect Snowflake to DBT:

1. Sign up with DBT using your email. And start setting up the project. You will see the following screen.



2. Click continue to start creating the project.
3. Select Snowflake.



Set Up a Database Connection Test Continue >

TYPE: snowflake
NAME: Snowflake

Snowflake Settings

❗ dbt Cloud will always connect to your warehouse from 52.45.144.63, 54.81.134.249, or 52.22.161.231. Make sure to allow inbound traffic from these IPs in your firewall, and include it in any database grants.

ACCOUNT:
ROLE (OPTIONAL):
DATABASE:
WAREHOUSE:
SESSION KEEP ALIVE: ☐
Added in dbt 0.16.0. Keeps Snowflake sessions alive beyond the typical 4 hour timeout limit.

4. Now you need to setup the database connection. Here you must look at **your snowflake url:**
lh69221.us-east-2.aws.snowflakecomputing.com/
The red part of the url is your account. Note your region can be different based on the server you selected by signing up with snowflake.
5. Now enter the **database name** that you used before.
6. Enter the **warehouse name** you associated while creating the table in snowflake.
7. Now enter the development credentials. Pls enter your snowflake username and password that you used to sign up with snowflake.

Development Credentials

Enter your **personal development credentials** here (not your deployment credentials!). dbt will use these credentials to connect to your database on your behalf. When you're ready to deploy your dbt project to production, you'll be able to supply your production credentials separately.

AUTH METHOD: Username & Password ▼

USERNAME: yukti123

PASSWORD:

SCHEMA:
In development, dbt will build your models into a schema with this name. This schema name should be unique to your personal development environment and should not be shared by other members of your team.

TARGET NAME: default

THREADS: 4

Set Up a Database Connection Test Continue >

8. Click on test and the connection should be created if you entered everything correctly.
9. Now the next step is to setup a repository. You can choose dbtcloud or connect to your own GitHub as per your preference.
10. Click on start developing when "Welcome" screen comes up.

11. You will be taken to the developer console to query the data. Create a sql file to check whether your table is correctly loaded or not by entering any sql command:
"select * from your_table_name"
You should be able to see the table in query results. Then you can start with cleaning the table using dbt.