**Creating a DBT Model (Table)**

1. Create a New Model File

Navigate to the models folder in your dbt project and create a new SQL file called my\_table.sql.

2. Define the schema

version: 2

models:

  - name: my\_table

    columns:

      - name: Name

        description: Names of students

      - name: Id

        description: Ids of students

      - name: Department

        description: which Dpt. student read?

3. Define the Model

Inside my\_table.sql, write the following SQL code to create an empty table schema.

-- models/my\_table.sql

SELECT

NULL::STRING AS Name,

NULL::INTEGER AS Id,

NULL::STRING AS Department

WHERE FALSE

4. Run the Model

Run the following command in your terminal to execute the model.

dbt run --models my\_table

**Seeding Data into Snowflake with DBT**

1. Create CSV Data

Create a CSV file called my\_table\_seed.csv with the following content:

Name,Id,Department

Alice,1,Mathematics

Bob,2,Physics

Charlie,3,Chemistry

2. Place the CSV File

Move the CSV file to the seeds directory within your dbt project.

3. Configure Seeds

Open dbt\_project.yml and add the following configuration for the seed.

seeds:

demo\_dbt:

my\_table\_seed:

column\_types:

Name: VARCHAR(256)

Id: INTEGER

Department: VARCHAR(256)

4. Run dbt Seed

Run the following command to seed the data into Snowflake.

dbt seed --select my\_table\_seed

**Querying the Seeded Data in Snowflake**

1. Log In to Snowflake

Log in to your Snowflake account via the web interface.

2. Run the SQL Query

Run the following SQL query to view the data.

SELECT \* FROM demo\_db.public.my\_table\_seed;

**Create Table by csv File**

1. Create a New CSV File: Create a CSV file (my\_table.csv) containing the data you want in the table.
2. Move CSV to Data Folder: Place this CSV file in the data/ directory within your dbt project folder. If the data/ folder doesn't exist, create it.
3. Update dbt\_project.yml: Add an entry for this new CSV file under the seeds section of your dbt\_project.yml:

model-paths: ["models"]

analysis-paths: ["analyses"]

test-paths: ["tests"]

# seed-paths: ["seeds"] ## comment this line

macro-paths: ["macros"]

snapshot-paths: ["snapshots"]

data-paths: ["data"] ## add this line

seeds:

  demo\_dbt:

    my\_table\_seed:

      column\_types:

        Name: VARCHAR(256)

        Id: INTEGER

        Department: VARCHAR(256)

  demo\_dbt:

    directcsv: {} *## this is for direct csv to table*

update this seed code.

1. Create a sql file in model..

directcsv\_to\_table.sql

select \* from {{ ref('directcsv')}} ## must add this line here

1. Finally run

dbt seed