Snowsql Staging

- create database
- create schema
- create stage
- upload data into the stage then stage to the table
- query the top ten rated movies and store the results in temp table
- create temp table like below mentioned code; create temporary table top_rated as select top 10 from movies; limit 10;

```
--1 Use your existing warehouse
USE WAREHOUSE my_wh; -- Replace my_wh with your warehouse name
--2 Create database and schema
CREATE OR REPLACE DATABASE movies_db;
CREATE OR REPLACE SCHEMA movies_sch;
```

```
---3 Create a stage for CSV files

CREATE OR REPLACE STAGE movie_stage

FILE_FORMAT = (
    TYPE = 'CSV',
    FIELD_OPTIONALLY_ENCLOSED_BY = "",
    SKIP_HEADER = 1
);
---4 Create the movies table

create or replace table movies_table(
    movie_title STRING,
    rating FLOAT,
    review_date DATE,
    reviewer_name STRING,
    comments String);
```

- -- 5 Upload CSV from your computer to the stage
- -- Run this command from your local SnowSQL prompt, NOT inside SQL editor:
- -- (Make sure to replace the file path with your actual location)

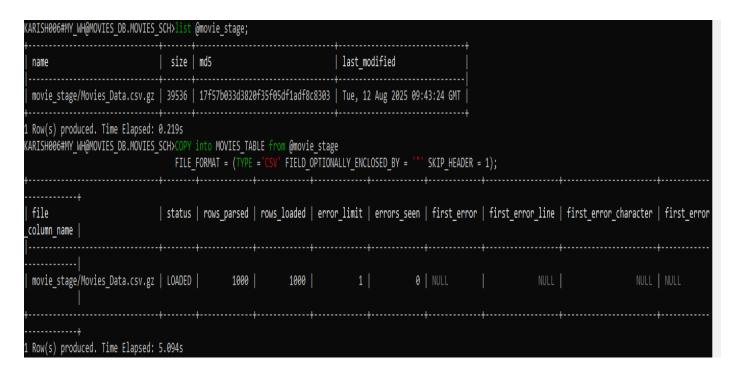
PUT file://C:\path\to\movies.csv @movie_stage;

KARISH006#MY_WH@MOVIES_DB.MOVIES_SCH>PUT file://C:/Users/karis/Downloads/Movies_Data.csv @movie_stage;								
source	target	source_size	target_size	source_compression	target_compression	status	message	
Movies_Data.c	sv Movies_Data.csv.gz	281442	39536	NONE	GZIP	UPLOADED		
1 Row(s) produced. Time Elapsed: 3.047s								

LIST @movie_stage;

is used to **see the files currently stored in your stage** (@movie_stage in this case) **verify** that your file is really there before loading it into a table.

--6 Load data from stage into table
COPY INTO movies
FROM @movie_stage
FILE_FORMAT = (TYPE = 'CSV' FIELD_OPTIONALLY_ENCLOSED_BY = "" SKIP_HEADER = 1);



--7 Create temporary table for top 10 rated movies
CREATE OR REPLACE TEMPORARY TABLE top_rated AS
SELECT *
FROM movies
ORDER BY rating DESC
LIMIT 10;

syntax error inne z at position is unexpected from . KARISH006#MY_WH@MOVIES_DB.MOVIES_SCH>create or replace TEMPORARY TABLE top_rated as					
Select * from MOVIES_TABLE ORDER BY rating DESC limit 10;					
+	-				
status					
Table TOP_RATED successfully created.					
+					
1 Row(s) produced. Time Elapsed: 2.516s					

--8 Check the temp table SELECT * FROM top_rated;

	+			
MOVIE_TITLE	RATING	REVIEW_DATE	REVIEWER_NAME	COMMENTS
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Spy Game	9.9	2020-10-29	Barn Camerati	 Proin risus.

Spy Game		9.9 2020-10-29 Barn Camerati	 Proin risus.
Cinderella Nulla tellus. In sagittis dui vel nisl. Duis ac n:	 ibh.	9.9 2020-09-16 Terza Petty	 Integer ac neque. Duis bibendum. Morbi non quam nec dui luctus rutrum.
integer aliquet, massa id lobortis convallis, torto ementum ligula vehicula consequat. Morbi a ipsum. I	or ris Intege	us dapibus augue, vei accumsan tellus r r a nibh. In quis justo. Maecenas rhond	 Mauris enim leo, rhoncus sed, vestibulum sit amet, cursus id, turpis. nisi eu orci. Mauris lacinia sapien quis libero. Nullam sit amet turpis el cus aliquam lacus.
10 Row(s) produced. Time Elapsed: 0.891s KARISH006#MY_WH@MOVIES_DB.MOVIES_SCH>			