-- Create a new database

CREATE DATABASE DE\_PROJECT;

-- Switch to the newly created database

USE DATABASE DE\_PROJECT;

-- Create table to load CSV data

CREATE or replace TABLE weather\_data(

temp NUMBER(20,0),

CITY VARCHAR(128)

,humidity NUMBER(20,5)

,wind\_speed NUMBER(20,5)

,time VARCHAR(128)

,wind\_dir VARCHAR(128)

,pressure\_mb NUMBER(20,5)

);

--Create integration object for external stage

create or replace storage integration s3\_int

type = external\_stage

storage\_provider = s3

enabled = true

storage\_aws\_role\_arn = 'arn:aws:iam::905418342544:role/AWS-TO-Snowflake'

storage\_allowed\_locations = ('s3://de-project-datawithdata-jg/snowflake/');

--Describe integration object to fetch external\_id and to be used in s3

DESC INTEGRATION s3\_int;

create or replace file format csv\_format

type = csv

field\_delimiter = ','

skip\_header = 1

null\_if = ('NULL', 'null')

empty\_field\_as\_null = true;

create or replace stage ext\_csv\_stage

URL = 's3://de-project-datawithdata-jg/snowflake/'

STORAGE\_INTEGRATION = s3\_int

file\_format = csv\_format;

--create pipe to automate data ingestion from s3 to snowflake

create or replace pipe mypipe auto\_ingest=true as

copy into weather\_data

from @ext\_csv\_stage

on\_error = CONTINUE;

show pipes;

select \* from weather\_data;