create database sales;

use sales;

-- create table for Sales Order, ref. sales csv file for column names

create or replace TABLE SALES.PUBLIC.SALES\_ORDERS (

ORDERNUMBER VARCHAR(15),

ORDERDATE date ,

CUSTOMER\_NAME\_INDEX NUMBER(38,0) PRIMARY KEY,

CHANNEL VARCHAR(15),

WAREHOUSE\_CODE VARCHAR(15),

DELIVERY\_REGION\_INDEX NUMBER(38,0),

PRODUCT\_DESCRIPTION\_INDEX NUMBER(38,0) FOREIGN KEY REFERENCES PRODUCTS(INDEX),

ORDER\_QUANTITY NUMBER(38,0),

UNIT\_PRICE NUMBER(38,2),

TOTAL\_REVENUE NUMBER(38,2),

TOTAL\_UNIT\_COST NUMBER(38,2)

);

--create table for customer, ref. csv file for column names

create or replace table customers(

Customer\_Index number(15,0) primary key,

Customer\_Names varchar(15));

--create table for regions, ref csv file for column names

create or replace table regions(

Index number(15,0) primary key,

City varchar(30),

Country varchar(30));

--create table for products, ref csv file for column names

create or replace table products(

Index number(38,0) primary key,

Product\_Name varchar(15));

describe table SALES\_ORDERS;

-- creating file format for all files

create or replace file format csv\_file

TYPE=CSV,

SKIP\_HEADER=1,

FIELD\_DELIMITER=',',

TRIM\_SPACE=FALSE,

FIELD\_OPTIONALLY\_ENCLOSED\_BY=NONE,

DATE\_FORMAT=AUTO,

TIME\_FORMAT=AUTO,

TIMESTAMP\_FORMAT=AUTO;

-- load data using loading wizard

select \* from customers;

select \* from products;

select \* from regions;

select \* from sales\_orders;

-- WE are going to create master table fro this dataset

create or replace table VN\_sales as

select a.\*,b.CUSTOMER\_NAMES,c.PRODUCT\_NAME,d.CITY,d.COUNTRY,(d.city ||' '||d.country) as full\_address

from sales\_orders a

inner join customers b on a.CUSTOMER\_NAME\_INDEX=b.CUSTOMER\_INDEX

inner join products c on a.PRODUCT\_DESCRIPTION\_INDEX=c.INDEX

inner join regions d on a.DELIVERY\_REGION\_INDEX=d.index;

-- Show all tables in master table

select \* from SALES.PUBLIC.VN\_SALES;