https://docs.aws.amazon.com/redshift/latest/dg/tutorial-loading-data-download-files.html

Drivers download from the Redshift Connect Client

https://www.sql-workbench.eu/Workbench-Build125.zip

https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

https://powerbi.microsoft.com/en-us/desktop/

https://www.youtube.com/watch?v=rY5DwvCc3TU

select distinct(tablename) from pg\_table\_def where schemaname = 'public';

drop table part;

drop table supplier;

drop table customer;

drop table dwdate;

drop table lineorder;

CREATE TABLE part

(

p\_partkey INTEGER NOT NULL,

p\_name VARCHAR(22) NOT NULL,

p\_mfgr VARCHAR(6),

p\_category VARCHAR(7) NOT NULL,

p\_brand1 VARCHAR(9) NOT NULL,

p\_color VARCHAR(11) NOT NULL,

p\_type VARCHAR(25) NOT NULL,

p\_size INTEGER NOT NULL,

p\_container VARCHAR(10) NOT NULL

);

CREATE TABLE supplier

(

s\_suppkey INTEGER NOT NULL,

s\_name VARCHAR(25) NOT NULL,

s\_address VARCHAR(25) NOT NULL,

s\_city VARCHAR(10) NOT NULL,

s\_nation VARCHAR(15) NOT NULL,

s\_region VARCHAR(12) NOT NULL,

s\_phone VARCHAR(15) NOT NULL

);

CREATE TABLE customer

(

c\_custkey INTEGER NOT NULL,

c\_name VARCHAR(25) NOT NULL,

c\_address VARCHAR(25) NOT NULL,

c\_city VARCHAR(10) NOT NULL,

c\_nation VARCHAR(15) NOT NULL,

c\_region VARCHAR(12) NOT NULL,

c\_phone VARCHAR(15) NOT NULL,

c\_mktsegment VARCHAR(10) NOT NULL

);

CREATE TABLE dwdate

(

d\_datekey INTEGER NOT NULL,

d\_date VARCHAR(19) NOT NULL,

d\_dayofweek VARCHAR(10) NOT NULL,

d\_month VARCHAR(10) NOT NULL,

d\_year INTEGER NOT NULL,

d\_yearmonthnum INTEGER NOT NULL,

d\_yearmonth VARCHAR(8) NOT NULL,

d\_daynuminweek INTEGER NOT NULL,

d\_daynuminmonth INTEGER NOT NULL,

d\_daynuminyear INTEGER NOT NULL,

d\_monthnuminyear INTEGER NOT NULL,

d\_weeknuminyear INTEGER NOT NULL,

d\_sellingseason VARCHAR(13) NOT NULL,

d\_lastdayinweekfl VARCHAR(1) NOT NULL,

d\_lastdayinmonthfl VARCHAR(1) NOT NULL,

d\_holidayfl VARCHAR(1) NOT NULL,

d\_weekdayfl VARCHAR(1) NOT NULL

);

CREATE TABLE lineorder

(

lo\_orderkey INTEGER NOT NULL,

lo\_linenumber INTEGER NOT NULL,

lo\_custkey INTEGER NOT NULL,

lo\_partkey INTEGER NOT NULL,

lo\_suppkey INTEGER NOT NULL,

lo\_orderdate INTEGER NOT NULL,

lo\_orderpriority VARCHAR(15) NOT NULL,

lo\_shippriority VARCHAR(1) NOT NULL,

lo\_quantity INTEGER NOT NULL,

lo\_extendedprice INTEGER NOT NULL,

lo\_ordertotalprice INTEGER NOT NULL,

lo\_discount INTEGER NOT NULL,

lo\_revenue INTEGER NOT NULL,

lo\_supplycost INTEGER NOT NULL,

lo\_tax INTEGER NOT NULL,

lo\_commitdate INTEGER NOT NULL,

lo\_shipmode VARCHAR(10) NOT NULL

);

copy part

from 's3://sreeredshift/data-load/part-csv.tbl'

credentials 'aws\_access\_key\_id=AKIAIGMO6A43OBJDCJMA;aws\_secret\_access\_key=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'

csv

null as '\000';

select \* from part;

Connect to Redshift using PowerBI Desktop.

<https://docs.aws.amazon.com/redshift/latest/dg/tutorial-loading-data.html>