ASSIGNMENT :   LOADING DATABASE

1.Command used to create table :: NJ_CONSUMER_COMPLAINTS

CREATE or replace table NJ_CONSUMER_COMPLAINTS

```
(   DATE_RECEIVED STRING,
    PRODUCT_NAME VARCHAR2(50),
    SUB_PRODUCT VARCHAR2(100),
    ISSUE VARCHAR2(100),
    SUB_ISSUE VARCHAR2(100),
    CONSUMER_COMPLAINT_NARRATIVE string,
    Company_Public_Response STRING,
    Company VARCHAR(100),
    State_Name CHAR(4),
    Zip_Code string,
    Tags VARCHAR(40),
    Consumer_Consent_Provided CHAR(25),
    Submitted_via STRING,
    Date_Sent_to_Company STRING,
    Company_Response_to_Consumer VARCHAR(40),
    Timely_Response CHAR(4),
    CONSUMER_DISPUTED CHAR(4),
    COMPLAINT_ID NUMBER(12,0) NOT NULL PRIMARY KEY
);
```
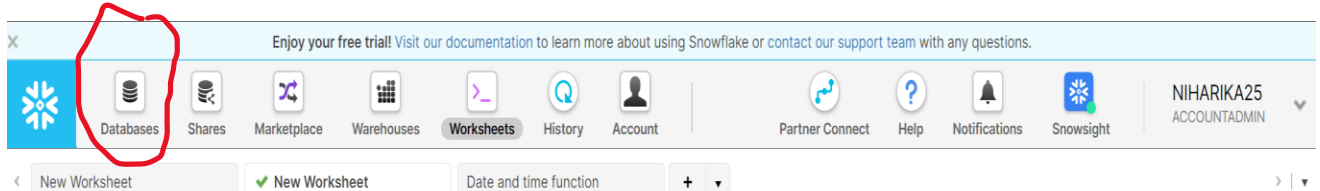
2. Once created view the table using below command.

select * from New_CONSUMER_COMPLAINTS;

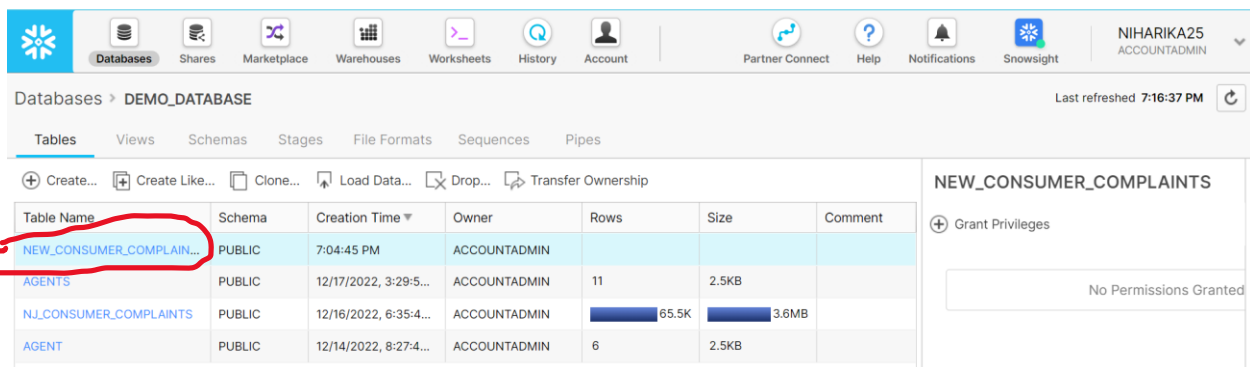| Row	DATE_RECEIVED	PRODUCT_NAM	SUB_PRODUCT	ISSUE	SUB_ISSUE	CONSUMER_CO	COMPANY_PUB	COMPANY	STATE_NAME	

STATE_NAME	ZIP_CODE	TAGS	CONSUMER_CO	SUBMITTED_VIA	DATE_SENT_TO_	COMPANY_RESI	TIMELY_RESPOI	CONSUMER_DIS	COMPLAINT_ID.

3. Once table is created next step is to load the data .For that will follow the below steps :
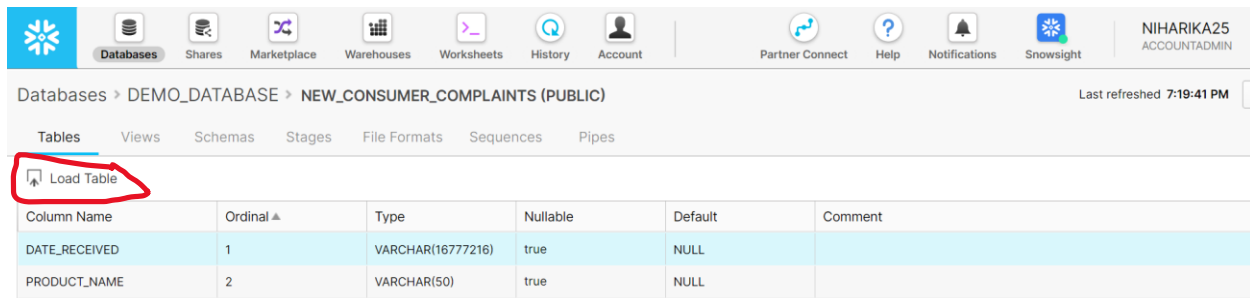
- **Click on Database**

- **Select the Table Name**

Will select New_CONSUMER_COMPLAINTS table.

- **Click on LOAD TABLE**

- **Select the Datawarehouse. And then click Next Button.**

Load Data

Warehouse Source Files File Format Load Options

Which warehouse do you want to use to load the files?

DEMO_DATAWAREHOUSE

Cancel   Next

VARCHAR(16777216)   true   NULL

- **Click on select files.**

Load Data

Warehouse Source Files File Format Load Options

From where do you want to load files?

○ Load files from your computer

Select Files...

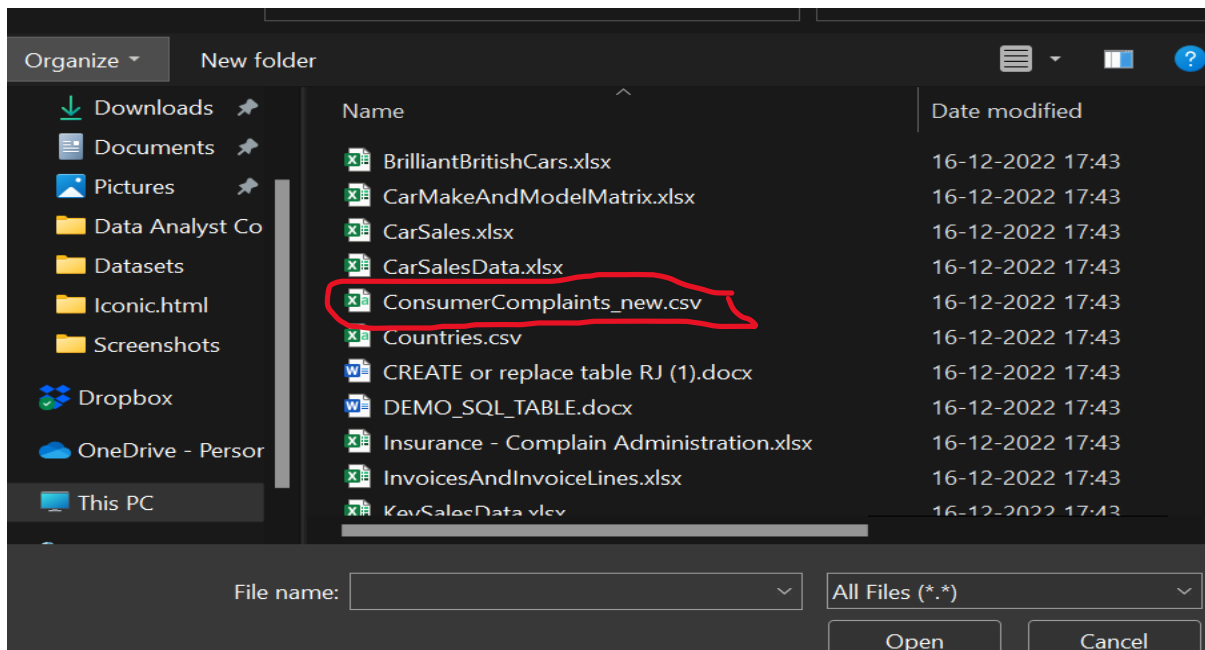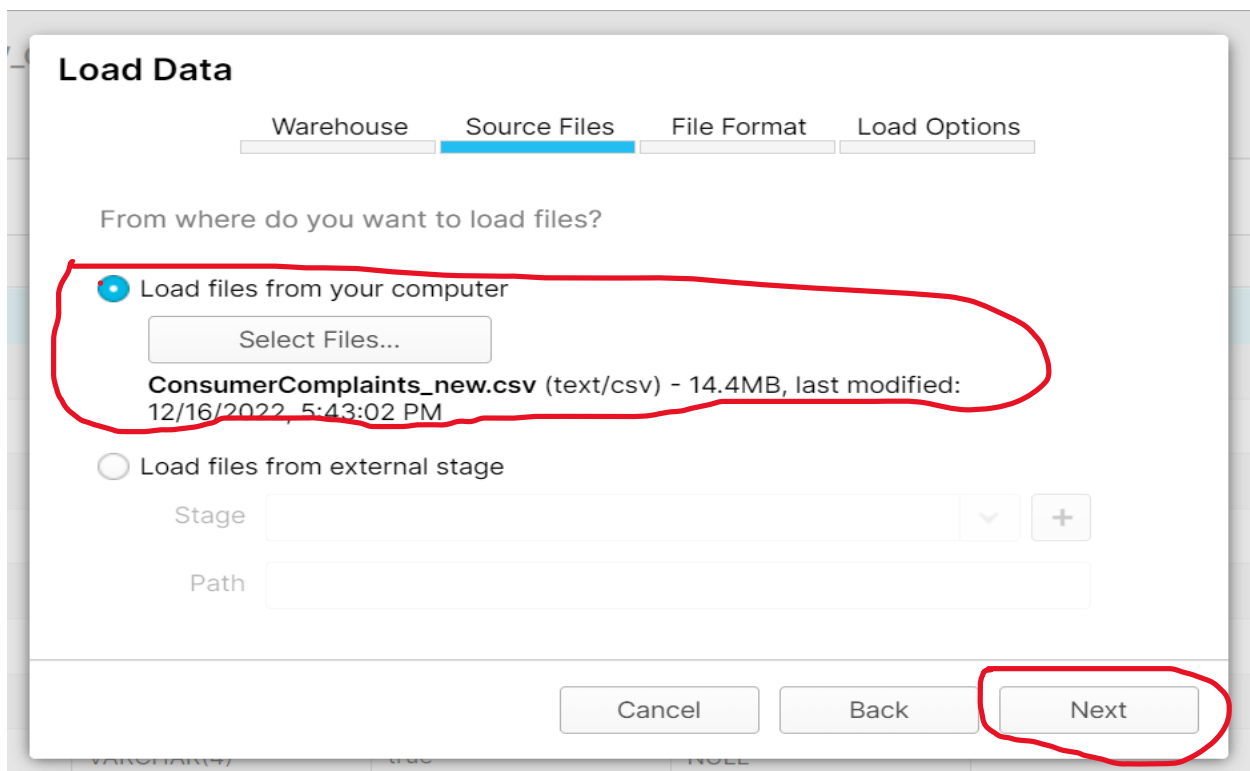○ Load files from external stage

Stage

Path

Cancel   Back   Next

VARCHAR(100)   true   NULL

- **Select the dataset which you want to import. Here will import ConsumerComplaints_new.csv file**

- **File selected click on next.**

- **Create the File Format by click + button.**

Load Data

Warehouse	Source Files	File Format	Load Options

CSV_FILE_FORMAT ⌄ +

Show SQL Cancel Back Next Load

- **Enter the Name and change Header Line to skip to 1.**

Create File Format

Name *	CSV_File
Schema Name	PUBLIC ⌄
Format Type	CSV ⌄
Compression Method	Auto ⌄ ?
Column separator	Comma ⌄ ?
Row separator	New Line ⌄ ?
Header lines to skip	1 ⌃⌄ ?
Field optionally enclosed by	None ⌄ ?
Null String	\\N ⌄ ?

☐ Trim space before and after ?

Show SQL Cancel Finish

- **Once done click on Next button**

Load Data

Warehouse   Source Files   File Format   Load Options

CSV_FILE_FORMAT   ⌄   +

Show SQL   Cancel   Back   Next   Load

- **Always select stop loading, rollback and return the error option and then Load**

Load Data

Warehouse   Source Files   File Format   Load Options

What should the load do if it encounters an error while parsing a file?

- Do not load any data in the file
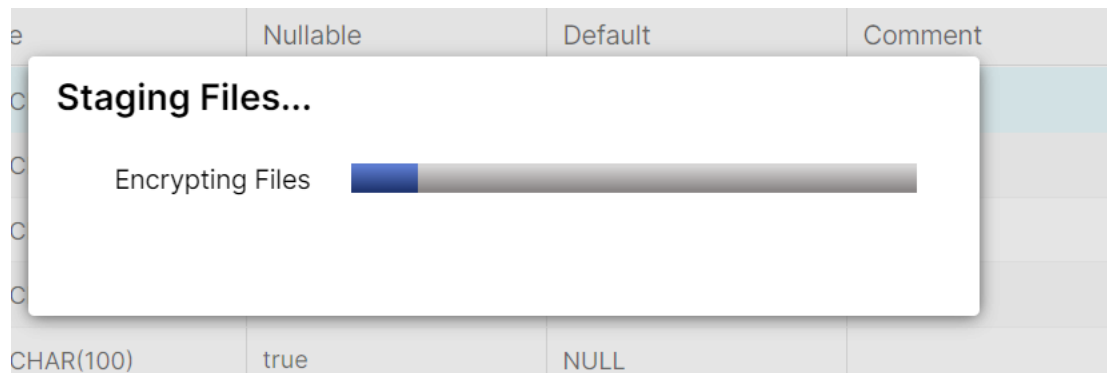- ● Stop loading, rollback and return the error
- Do not load any data in the file if the error count exceeds:
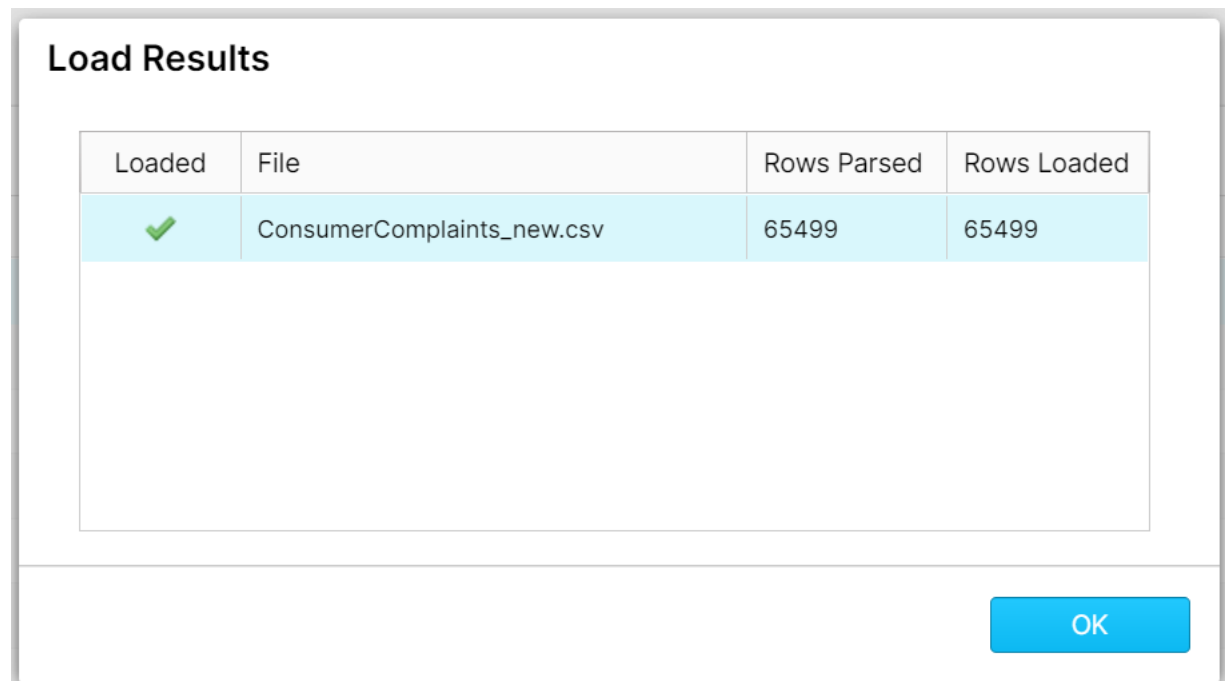
  Threshold   0   ?

- Continue loading valid data from the file

Show SQL   Cancel   Back   Load

- **Importing Started.**

e	Nullable	Default	Comment
C			

Staging Files...

Encrypting Files

C			
C			
C			
CHAR(100)	true	NULL	

- **Importing Completed.**
  File Successfully got Loaded.

Load Results

Loaded	File	Rows Parsed	Rows Loaded
✔	ConsumerComplaints_new.csv	65499	65499

OK

4. To cross verify that the data is loaded check the table content using cmd.

select * from New_CONSUMER_COMPLAINTS;

✔ <u>Query ID</u> <u>SQL</u>   1.84s ▭   65,499 rows

Filter result...		📥 Copy							Columns ▾ ⤢
Row	**DATE_RECEIVED**	**PRODUCT_NAM**	**SUB_PRODUCT**	**ISSUE**	**SUB_ISSUE**	**CONSUMER_CO**	**COMPANY_PUB**	**COMPANY**	**STATE_NAME**
1	29-07-2013	Consumer L...	Vehicle loan	Managing th...	NULL	NULL	NULL	Wells Fargo ...	VA
2	29-07-2013	Bank accoun...	Checking ac...	Using a debi...	NULL	NULL	NULL	Wells Fargo ...	CA
3	29-07-2013	Bank accoun...	Checking ac...	Account ope...	NULL	NULL	NULL	Santander B...	NY
4	29-07-2013	Bank accoun...	Checking ac...	Deposits an...	NULL	NULL	NULL	Wells Fargo ...	GA
5	29-07-2013	Mortgage	Conventiona...	Loan servici...	NULL	NULL	NULL	Franklin Cre...	CT
6	29-07-2013	Bank accoun...	Checking ac...	Deposits an...	NULL	NULL	NULL	Bank of Ame...	TX

Results Data Preview   ← **Open History**

✔ <u>Query ID</u> <u>SQL</u>   1.84s ▭   65,499 rows

Filter result...		📥 Copy							Columns ▾ ⤢
ATE_NAME	**ZIP_CODE**	**TAGS**	**CONSUMER_CO**	**SUBMITTED_VIA**	**DATE_SENT_TO_**	**COMPANY_RESI**	**TIMELY_RESPOI**	**CONSUMER_DIS**	**COMPLAINT_ID.**
	24540	NULL	N/A	Phone	30-07-2013	Closed with ...	Yes	No	468882
	95992	Older Ameri...	N/A	Web	31-07-2013	Closed with ...	Yes	No	468889
	10065	NULL	N/A	Fax	31-07-2013	Closed	Yes	No	468879
	30084	NULL	N/A	Web	30-07-2013	Closed with ...	Yes	No	468949
	6106	NULL	N/A	Web	30-07-2013	Closed with ...	Yes	No	475823
	75025	NULL	N/A	Web	30-07-2013	Closed with ...	Yes	No	468981