Big Data Tools for Managers
Dept. of MBA, Siddaganga Institute of Technology-Tumkur

Below is the customer dataset; this exercise makes you familiar with where clause & filtering data in MySQL.

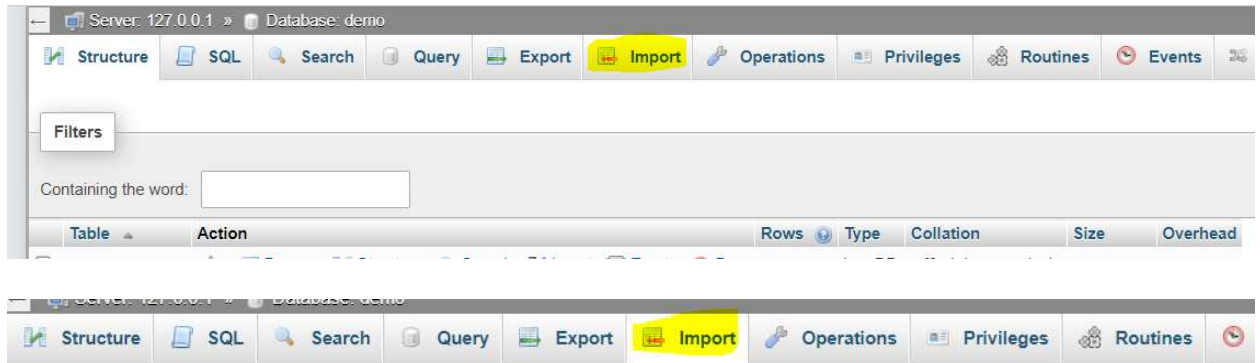| customerNumber ▲ 1	customerName	contactLastName	contactFirstName	phone	addressLine1	addressLine2	city	state	postalCode	country	salesRepEmployeeNumber	creditLimit
103	Atelier graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000	France	1370	21000.00
112	Signal Gift Stores	King	Jean	7025551838	8489 Strong St.	NULL	Las Vegas	NV	83030	USA	1166	71800.00
114	Australian Collectors, Co.	Ferguson	Peter	03 9520 4555	636 St Kilda Road	Level 3	Melbourne	Victoria	3004	Australia	1611	117300.00
119	La Rochelle Gifts	Labrune	Janine	40.67.8555	67, rue des Cinquante Otages	NULL	Nantes	NULL	44000	France	1370	118200.00
121	Baane Mini Imports	Bergulfsen	Jonas	07-98 9555	Erling Skakkes gate 78	NULL	Stavern	NULL	4110	Norway	1504	81700.00
124	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	5677 Strong St.	NULL	San Rafael	CA	97562	USA	1165	210500.00
125	Havel & Zbyszek Co	Piestrzeniewicz	Zbyszek	(26) 642-7555	ul. Filtrowa 68	NULL	Warszawa	NULL	01-012	Poland	NULL	0.00
128	Blauer See Auto, Co.	Keitel	Roland	+49 69 66 90 2555	Lyonerstr. 34	NULL	Frankfurt	NULL	60528	Germany	1504	59700.00
129	Mini Wheels Co.	Murphy	Julie	6505555787	5557 North Pendale Street	NULL	San Francisco	CA	94217	USA	1165	64600.00

Download customer dataset from below link:

https://raw.githubusercontent.com/sitmbadept/sitmbadept.github.io/main/BDTM/SQL/customers.sql

Write SQL Code for following Statements.

1. Import customer data into MySQL…ignore this step if you imported already.
2. Display customers from Canada
3. Display customers from USA, Canada, UK
4. Display customers whose contactLastName is Brown
5. Display customers whose contactLastName is Brown and is from Country USA
6. Display the customers whose creditLimit Between range from 90,000 to 2,00,000 AND customers from Canada
7. Display the customers where customerNumber starts from 400.
8. Display the customers where customerNumber up to 120.
9. Display the customers where customerNumber between 150 to 160
10. Display the customers for given postalCode (44000, 4110, 60528, 10022)

11. Display the customers where creditLimit between (90,000 to 1,00,000) and Country From USA or Country From Canada
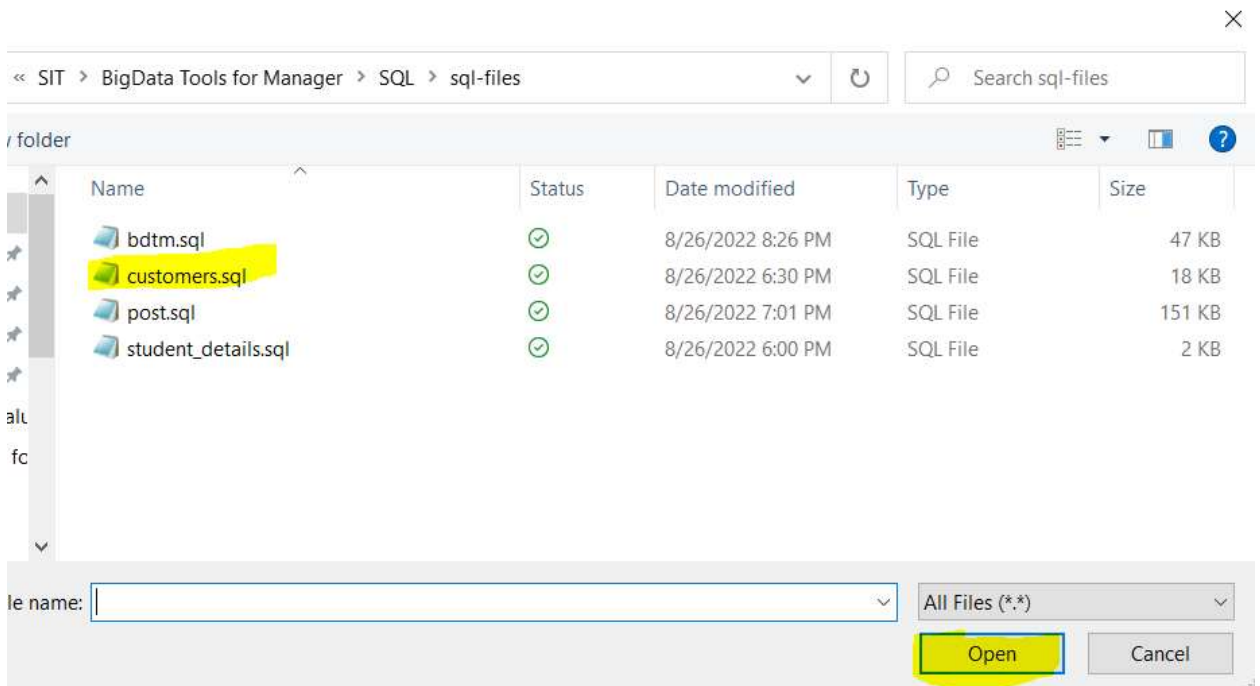
1. Import dataset

Click on Open after selecting customer.sql file

2. Display customers from Canada

```sql
SELECT * FROM customers WHERE country = "Canada";
```

3. Display customers from USA, Canada, UK

```sql
SELECT * FROM customers WHERE country IN ("Canada" , 'USA', 'UK');
```

4. Display customers whose contactLastName is Brown

```sql
SELECT * FROM customers WHERE contactLastName = "Brown";
```

5. Display customers whose contactLastName is Brown and is from Country USA

```sql
SELECT * FROM customers WHERE contactLastName = "Brown" AND country = "USA";
```

6. Display the customers whose creditLimit Between range from 90,000 to 2,00,000
AND customers from UK

```sql
SELECT * FROM customers
WHERE creditLimit BETWEEN 90000 AND 200000
    AND country = 'UK';
```

7. Display the customers where customerNumber starts from 400.

```sql
SELECT * FROM customers WHERE customerNumber >= 400;
```

8. Display the customers where customerNumber up to 120.

```sql
SELECT * FROM customers WHERE customerNumber < 120;
```

9. Display the customers where customerNumber between 150 to 160

```sql
SELECT * FROM customers WHERE customerNumber BETWEEN 150 AND 160;
```

OR

```sql
SELECT * FROM customers WHERE customerNumber >= 150
                            AND customerNumber <= 160;
```

10. Display the customers for given postalCode (44000, 4110, 60528, 10022)

```sql
SELECT * FROM customers
WHERE postalCode IN (44000, 4110, 60528, 10022);
```

11. Display the customers where creditLimit between (90,000 to 1,00,000) and Country From USA or Country From Canada

```sql
SELECT * FROM customers
WHERE creditLimit BETWEEN 90000 AND 100000
    AND country IN ('USA', 'Canada');
```