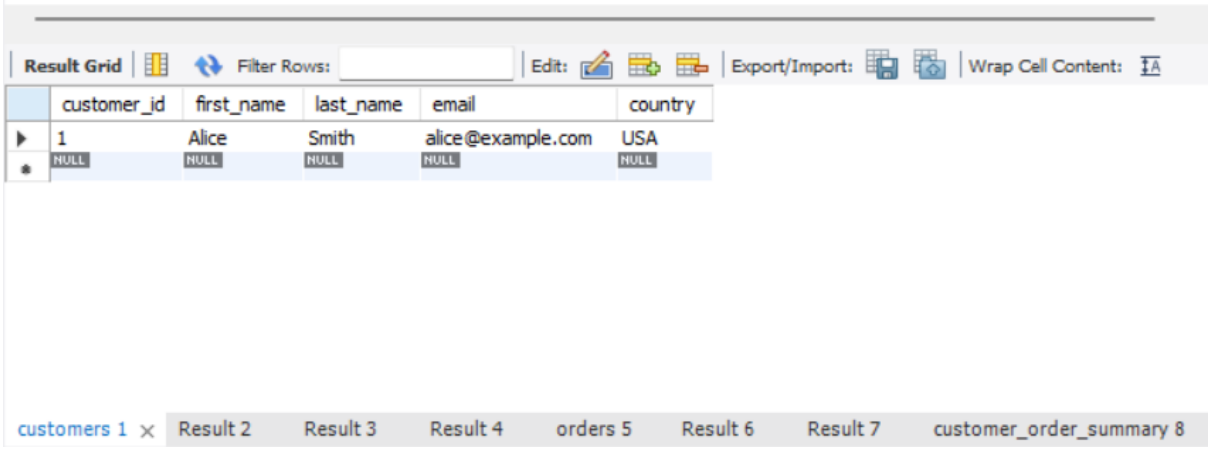
OUTPUT SCREENSHOTS-SQL for Data Analysis:

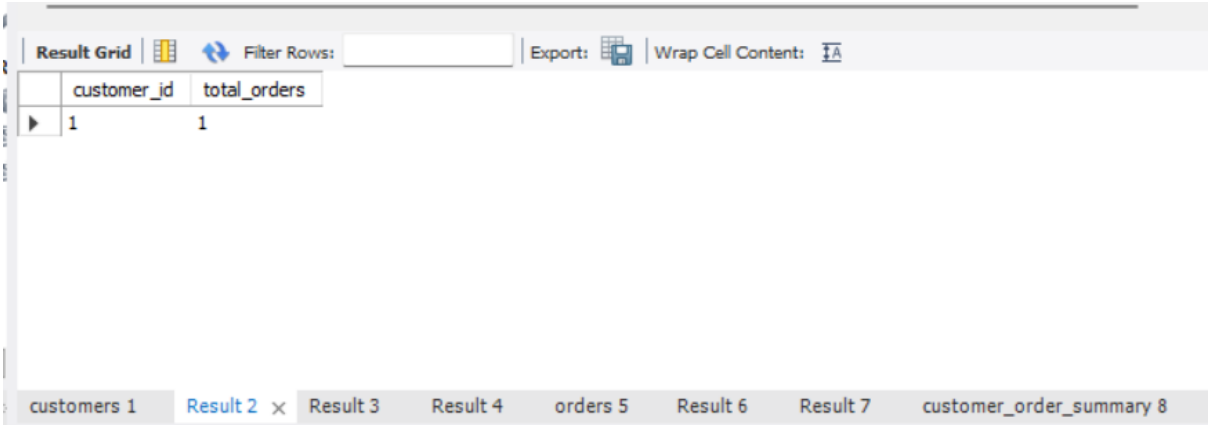
1.Creating and Using the Database in MySQL:

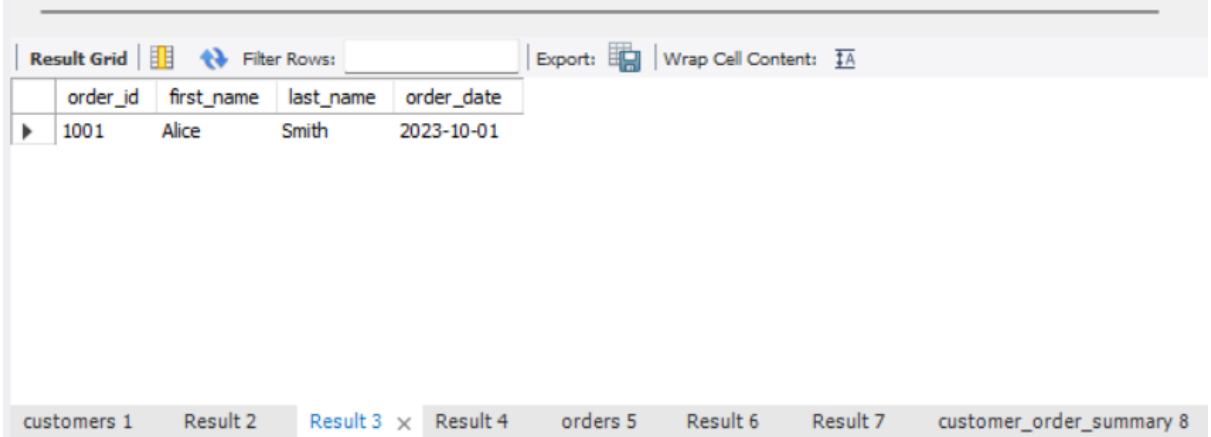
```
mysql> CREATE DATABASE ecommerce;
Query OK, 1 row affected (0.03 sec)

mysql> USE ecommerce;
Database changed
mysql>
```

2.Executing the Various sql Queries:







Result Grid | Filter Rows: | Export: | Wrap Cell Content:

product_name	category_name
Laptop	Electronics
Book A	Books

customers 1 | Result 2 | Result 3 | Result 4 × | orders 5 | Result 6 | Result 7 | customer_order_summary 8

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

order_id	total_revenue
1001	1000.00

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_id	avg_order_value
1	1000.000000

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_id	first_name	last_name	total_orders	total_spent
1	Alice	Smith	1	1000.00

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_id
1