

Redshift Lab - 3

06:05 PM

Your manager wants to test your SQL ability by assigning you a task to insert five customer into the customers table, and to execute some queries on this data.

1. Overwrite the contents of the **Query 1** editor with the following, and click **Run**. This will insert the data into the customers table.
insert into ps_store_schema.customers (customer_number, first_name, last_name, contact_number, email, age) values (1, 'Leslie', 'Doe', '9821111222', 'leslie.doe@example.com', 63), (2, 'Jan', 'Doe', '9821212222', 'jan.doe@example.com', 33), (3, 'Steph', 'Eloise', '9851555222', 'steph.eloise@example.com', 22), (4, 'Taylor', 'Smith', '9861665662', 'taylor.smith@pluralsightfake.com', 21), (5, 'Carrie', 'Stark', '9861225332', 'carrie.stark@pluralsightfake.com', 18);
2. In the **Resources** panel, select **ps_store_schema** from the **Select schema** dropdown. Click on the three dots next to the **customers** table, and then click on **Preview data**.
At the bottom of the page, you should see a table under the **Table details** tab section showing the data that you inserted in task 1.
3. Overwrite the contents of the **Query 1** editor with the following, and click **Run** to view the number of items you added.
select COUNT(*) from ps_store_schema.customers;
You should see the total number of items in the customers table, **5**, under the **Query results** tab.
4. Overwrite the contents of the **Query 1** editor with the following, and click **Run** to view the customers whose age is between 20 and 40.
- 5.
6. select * from ps_store_schema.customers where age between 20 AND 40;
- 7.
- 8.
9. You should see the list of three customers whose age is between 20 and 40 under the **Query results** tab.
10. Overwrite the contents of the **Query 1** editor with the following, and click **Run** to view the customer whose email address contains pluralsightfake.com.
select * from ps_store_schema.customers where email LIKE '%pluralsightfake.com%';
You should see the two customers with that email domain under the **Query results** tab.
11. Overwrite the contents of the **Query 1** editor with the following, and click **Run** to view customers whose last name is

Doe.

```
select * from ps_store_schema.customers where  
last_name='Doe';
```

In the **Query results** tab, you should see the two customers with a last name of Doe.