Redshift Lab - 2

06:03 PM

Create Tables in the Redshift Cluster

You will connect to the database using the Query editor, and then create tables using SQL commands.

1. Click on the **pluralsight-redshift-store-1** link, and then click on the **Query data** button and select the **Query in query editor** (not the v2) option from the dropdown.
2. Click **Connect to database**.
3. Enter the **Database name** as dev, and the **Database user** as ps_store_aws_master_user (leave all other values as their defaults). Click on the **Connect** button.
4. Paste the following command into the **Query 1** editor. Then click on the **Run** button to create a schema.
   create schema if not exists ps_store_schema;
   You should see a green tick next to the **Query 1** tab letting you know that the schema has been created successfully. You can also scroll down to see the **Completed** message in the **Query results** tab.

1. Paste the following command, replacing previous SQL statement, into the **Query 1** editor. Click the **Run** button to create the customers table.
   create table ps_store_schema.customers(
   customer_number integer,
   first_name varchar(30),
   last_name varchar(30),
   contact_number varchar(30),
   email varchar(100),
   age integer
   );
   (You should see a green tick next to the **Query 1** tab.)
2. Overwrite the contents again of the **Query 1** editor with the following, and click **Run**. This will create the orders table.
   create table ps_store_schema.orders (
   customer_id integer,
   product_id integer,
   quantity integer,
   purchase_date date not null
   );
3. Overwrite the contents again of the **Query 1** editor with the following, and click **Run**. This will create the products table.
   create table ps_store_schema.products (

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product_id integer,
product_name varchar(100),
price decimal(5,2)
);
```

4. To the left of the Query 1 editor in the **Resources** panel, select the **ps_store_schema** option from the **Select schema** dropdown.

You should see the list of the tables (*customers*, *orders*, and *products*) shown in that panel.