

Redshift Lab - 4

06:07 PM

Copy the S3 Bucket Name and Role ARN Value into Redshift

Your manager is very pleased with your progress. They have assigned the next phase of the project to you, which is to load data from S3 into the Redshift tables.

In this challenge, you will copy and store the Role ARN and the S3 bucket name for use in the next two challenges. You will also clean up the existing customers table.

1. In the top search bar, type in and click on **IAM**.
2. In the left-hand menu click **Roles**. Then, in the filter input box, type PSRedshiftS3Role-1 then press enter. Click on the **PSRedshiftS3Role-1** link, and then copy the **Role ARN** value. Store this locally, as you will use this in the next two challenges.
3. In the top search bar, type in and click on **S3**.
- 4.
5. Click the bucket **Name** link beginning with **ps-lab-resources** (it is likely to be the only one in the list). Copy the name and store it locally for use in the next challenge (it is the same name as the link, for example *ps-lab-resources-lxu73wqf*).
- 6.
- 7.
8. You should also see the three data files in the bucket whose data will to be copied to the Redshift table in the next challenge.

1. Navigate back to **Amazon Redshift > Clusters**.
- 2.
3. Note: If the Amazon Redshift page displays a lot of error banners at the top, simply click on the region selector in the top right corner of the page (it will be listed as the current region you're in, for example, N California), then set the region to **Us West (Oregon)**.
4. Click on the **pluralsight-redshift-store-1** cluster link, then click on the **Query data** button and select the **Query in query editor** (not the v2) option from the dropdown.
5. Click on the **Connect to database**, then overwrite **Query 1**'s contents with the following SQL. Click on the **Run** button to clean(truncate) the customer table.

```
TRUNCATE TABLE ps_store_schema.customers;
```

You should see a green tick next to the **Query 1** tab letting you know that the query was executed successfully which cleaned the

customers table so that fresh data can be added from the S3 bucket.