Data Pipelines   10 minutes remaining
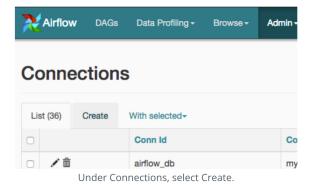
Add Airflow Connections to AWS Redshift

Here, we'll use Airflow's UI to connect to AWS Redshift

1. To go to the Airflow UI:

- In a classroom workspace, run the script `/opt/airflow/start.sh`. Once you see the message "Airflow web server is ready" click on the blue **Access Airflow** button in the bottom right.

2. Click on the **Admin** tab and select **Connections**.
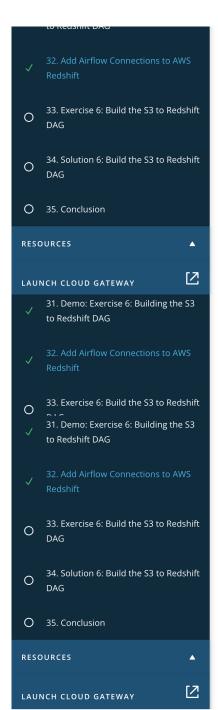

Click on the Admin tab and select Connections.

3. Under **Connections**, select **Create**.

Under Connections, select Create.

On the create connection page, enter the following values:
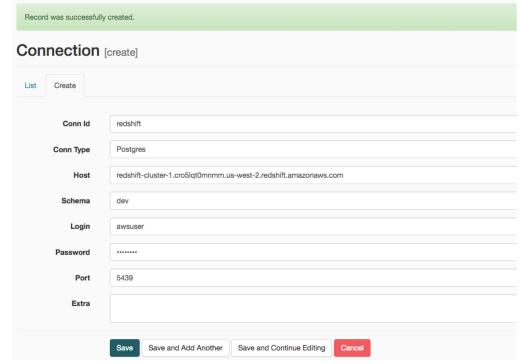
- **Conn Id**: Enter `redshift`.
- **Conn Type**: Enter `Postgres`.
- **Host**: Enter the endpoint of your Redshift cluster, excluding the port and schema name at the end. You can find this by selecting your cluster in the **Clusters** page of the Amazon Redshift console. See where this is located in the screenshot below. IMPORTANT: Make sure to **NOT** include the port and schema name at the end of the Redshift endpoint string.
- **Schema**: Enter `dev`. This is the Redshift database you want to connect to.
- **Login**: Enter `awsuser`.
- **Password**: Enter the password you created when launching your Redshift cluster.
- **Port**: Enter `5439`. Once you've entered these values, select **Save**.

Amazon Redshift > Clusters > redshift-cluster-1

Redshift endpoint

Verify connection record was saved

Awesome! You're now all configured to run Airflow with Redshift.

WARNING: Remember to DELETE your cluster each time you are finished working to avoid large, unexpected costs.