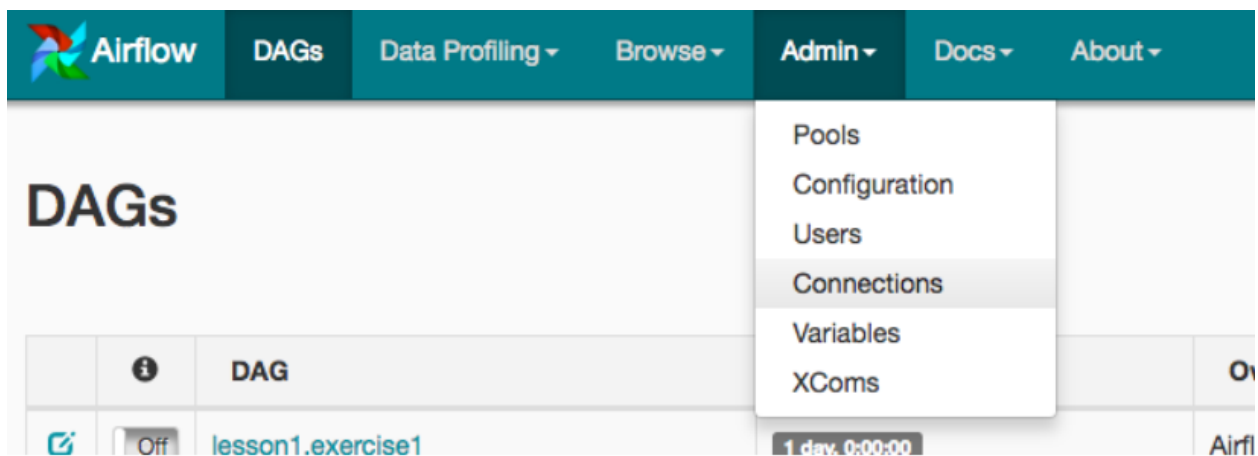


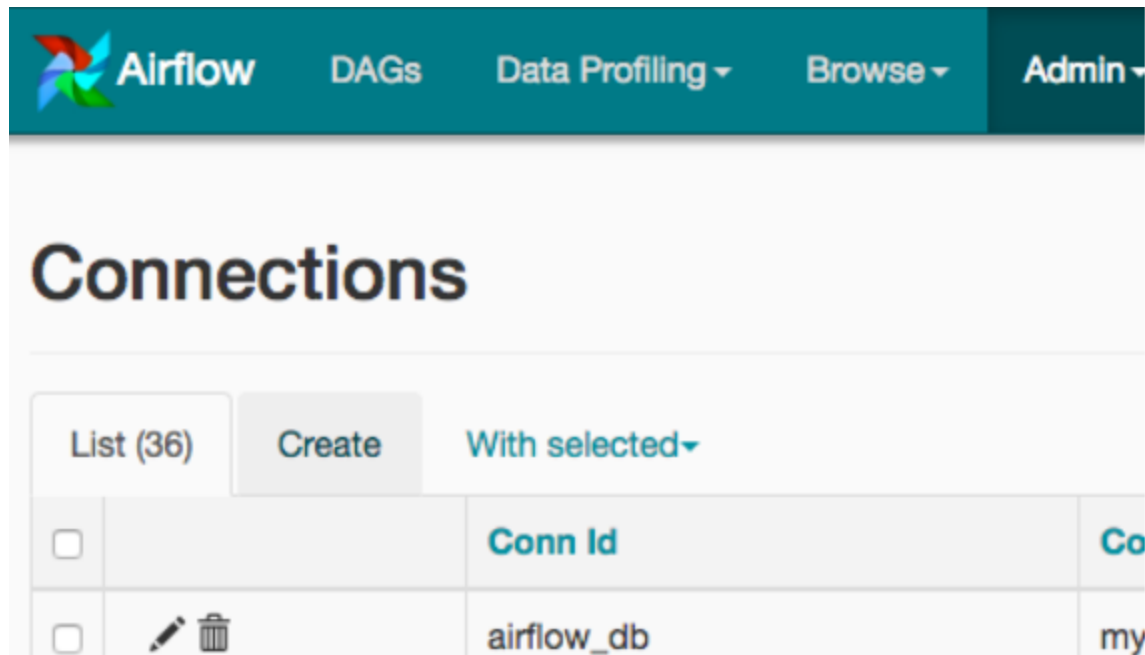
Add Airflow Connections to AWS Redshift

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

1. To go to the Airflow UI:
2. Click on the **Admin** tab and select **Connections**.



3. 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-cluster-1

Actions Edit Add partner integration Query data

| General information | | | |
|---|--|------------------------|---|
| Cluster identifier redshift-cluster-1 | Status Available | Node type dc2.large | Endpoint redshift-cluster-1.cnknr1caj9rz.us-west-2.redshift.amazonaws.com |
| Cluster namespace 54721f2c-7110-463f-9e67-79a7dc1c3b58 | Date created February 14, 2022, 19:13 (UTC+05:30) | Number of nodes 1 | JDBC URL jdbc:redshift://redshift-cluster-1.cnknr1caj9rz.us-west-2.redshift.amazonaws.com:5439/ |
| | Storage used 0.22% (0.35 of 160 GB used) | AQUA Not available | ODBC URL Driver=(Amazon Redshift (x64)); Server=redshift-cluster-1.cnknr1caj9rz.us-west-2.redshift.amazonaws.com |

Record was successfully created.

Connection [create]

List Create

| | |
|-----------|--|
| Conn Id | redshift |
| Conn Type | Postgres |
| Host | redshift-cluster-1.cnknr1caj9rz.us-west-2.redshift.amazonaws.com |
| Schema | dev |
| Login | awsuser |
| Password | ***** |
| Port | 5439 |
| Extra | |

Save Save and Add Another Save and Continue Editing Cancel

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.