## Add Airflow Connections

Here, we'll use Airflow's UI to configure your AWS credentials and connection to Redshift.

1. To go to the Airflow UI:
   - You can use the Project Workspace here and click on the blue **Access Airflow** button in the bottom right.
   - If you'd prefer to run Airflow locally, open http://localhost:8080 in Google Chrome (other browsers occasionally have issues rendering the Airflow UI).

2. Click on the **Admin** tab and select **Connections**.
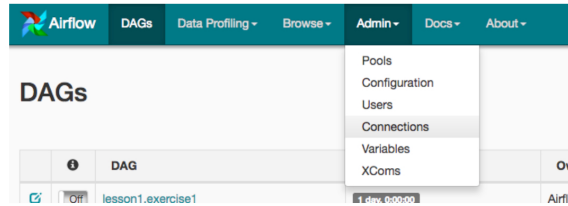
3. Under **Connections**, select **Create**.
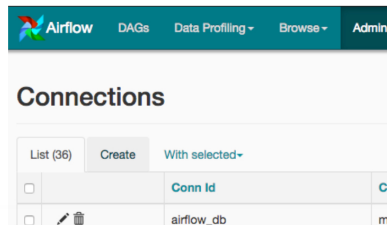
4. On the create connection page, enter the following values:
   - **Conn Id**: Enter `aws_credentials`.
   - **Conn Type**: Enter `Amazon Web Services`.
   - **Login**: Enter your **Access key ID** from the IAM User credentials you downloaded earlier.
   - **Password**: Enter your **Secret access key** from the IAM User credentials you downloaded earlier.

   Once you've entered these values, select **Save and Add Another**.

4. On the next 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 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 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**.
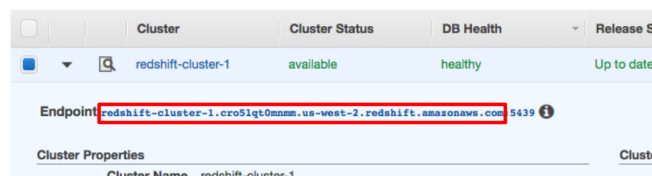
Node Type	dc2.large	
Nodes	2	
Zone	us-west-2c	Param
Cluster Parameter Group	default.redshift-1.0 (in-sync)	
Cluster Subnet Group	default	
Enhanced VPC Routing	No	
IAM Roles	See IAM Roles	

Cluster Database Properties   Backu

Port	5439	Auton
Database Name	dev	M
Master Username	awsuser	C
Encrypted	No	

Record was successfully created.

Connection [create]

List   Create

Conn Id	redshift
Conn Type	Postgres
Host	redshift-cluster-1.cro5lqt0mnmm.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.

NEXT