

# Access the Enterprise Data Warehouse (EDW) with AWS Athena



UAIR provides direct access to the EDW via the Athena service in the AWS console. Athena has replaced using SQL Developer in an AWS workspace to query the EDW. Follow along with the steps below to request access and start querying university data.

## **Gaining Access**

Before you can access the EDW, you must submit a request via AccessFlow. UAIR will verify the need and security requirements before setting up your access. Start by logging into <u>AccessFlow</u> with your Net ID.



1. Select New Access Request.

**2.** Select your user information and choose "Doug Hester" as the APL Approver.

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**3.** Click **UAccess Analytics** under "Select Category".

**4.** Click Technical under "What Access Required".

**5.** Select **AWS Athena** under "Permission" and then click Add To List.

**6.** Enter your business justification and click **Submit**.

Expect UAIR to respond to your request shortly.

# Setting Up Athena

Once your request has been approved, you will receive an email confirmation along with a link to the university's AWS Console.

1. When you login to AWS Console, you will see the console home.

First, you'll need to change your server location. Click the **dropdown** that says "Ohio".

## 2. Select us-west-2 / Oregon.

Please make sure to run all queries from the Oregon server location.

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- 3. Click the search bar at the top and type in "Athena".

- 4. Click the star icon to favorite Athena.
- **5.** Athena has now been added to top bar of the AWS console. Click on Athena to open it.

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**6.** Lastly, change the workgroup. Click the dropdown next to "Workgroup".

7. Click edw-workgroup-"Your NetID".

**8.** You are now ready to start using Athena. Click the **AWS logo** to return home.

**9.** Athena will now appear as an option under the "Recently Visited" section and at the top left of the console.

# Using Athena

If you've used SQL Developer, you'll be mostly familiar with Athena's layout.

Please include a limit at the end of your query. Athena bills the university based on how much data is returned, so limiting the query to a few hundred rows helps cut costs.

SQL: limit 100

However, for any data that you need the full set back on, feel free to run it without a limit.

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#### 1. Data Source

Select "edw\_YourNetID"

#### 2. Database

Select the database you would like to query.

#### **3. Tables and Views**

This section allows you to choose the specific tables or views in the database.

### 4. Query Actions

Use this menu to save queries.

## **5. Recent Queries and Saved Quereies**

Use these tabs to view a history of past queries or load queries you've saved.

#### 6. Download Results

Export your query results in a .CSV format.

# Here to Help

Have any questions? Feel free to reach out to the UAIR team.



UAIR SUPPORT HUB



