Appendix: Load Data Asssets

Introduction

Labs 3,4, and 5 are dependent on Lab-2 completing successfully. We are providing the steps in this Appendix to satisfy the prerequisites for Labs 3,4, and 5 in the case that Lab-2 is not completed successfully.

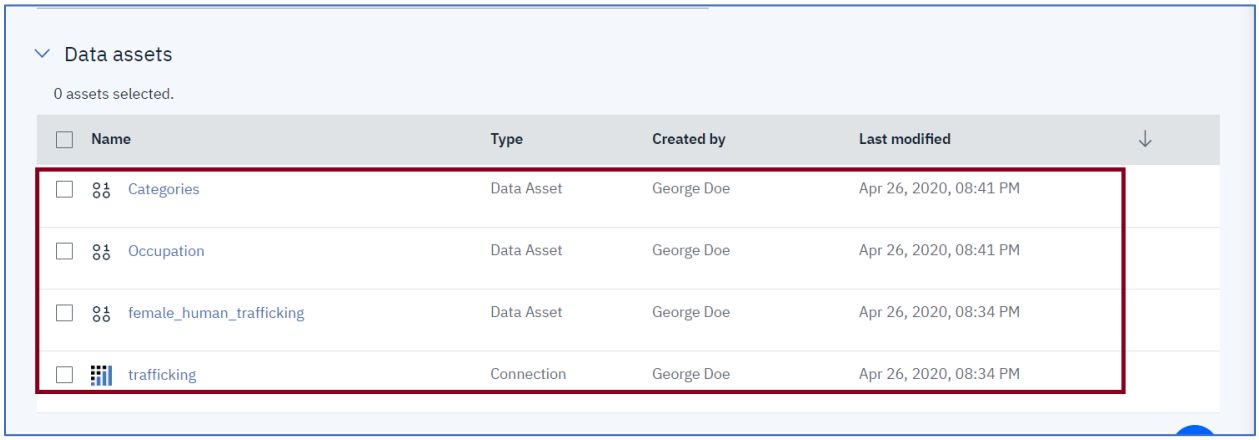
Objectives

In this lab, you will learn how to:

1. Upload a csv file to Watson Studio
2. Create a connection to a data source
3. Create a connected data asset.

Data Assets

The data assets needed for Labs 3,4, and 5 are shown below. If any are missing from the Data Assets section in the project, please follow the steps below for the corresponding missing asset.



Download Files

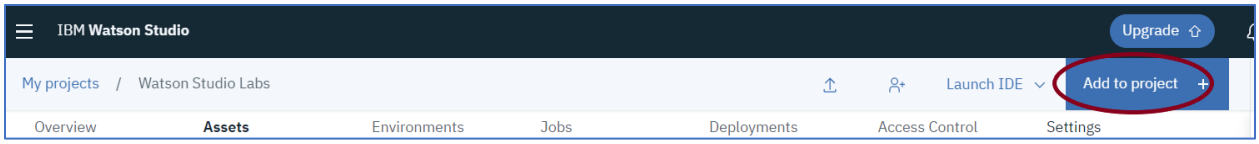
Complete the following steps if you have not downloaded the trafficking data files (Categories.csv and Occupation.csv) from the github repository

1. Click here, to download the zipped file.
2. Extract the file contents. You should have two files extracted, (1) Categories.csv, and (2) Occupation.csv.

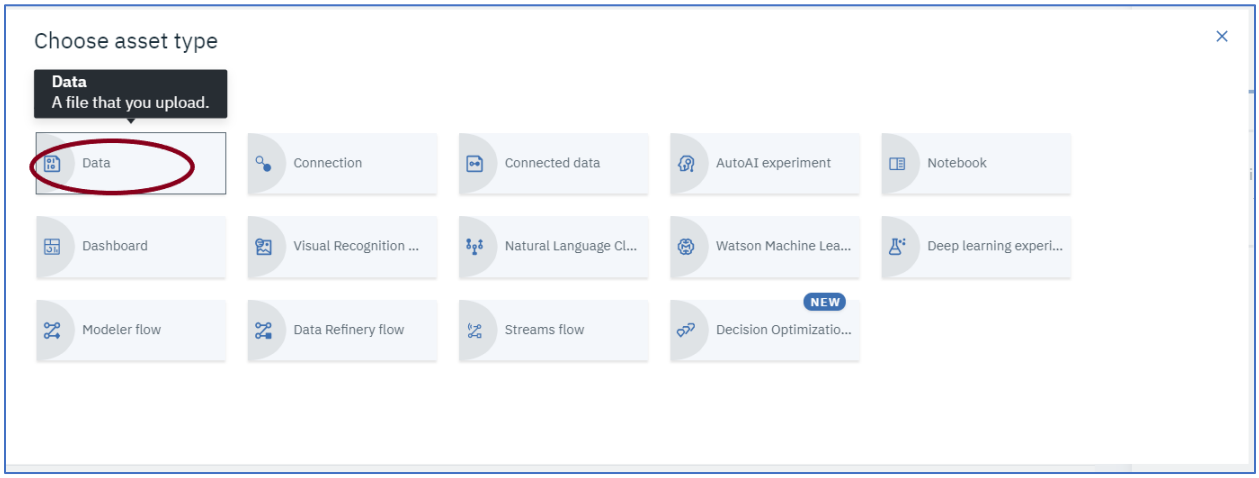
Add Categories

To add the Categories data asset to the project, complete the following steps.

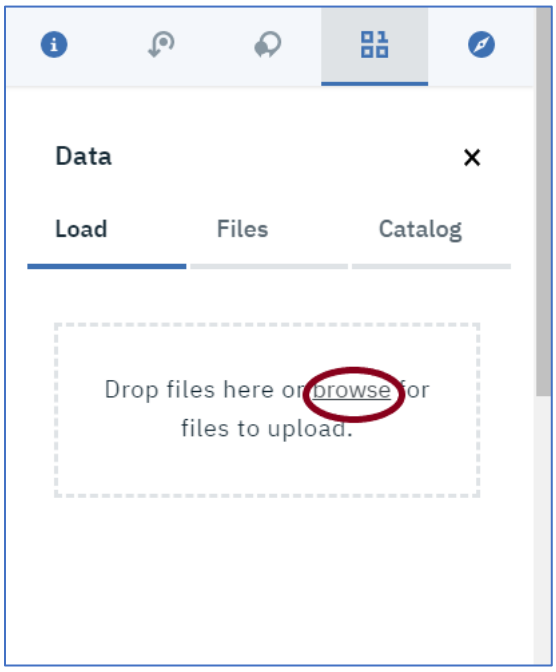
1. Click on **Add to project**.



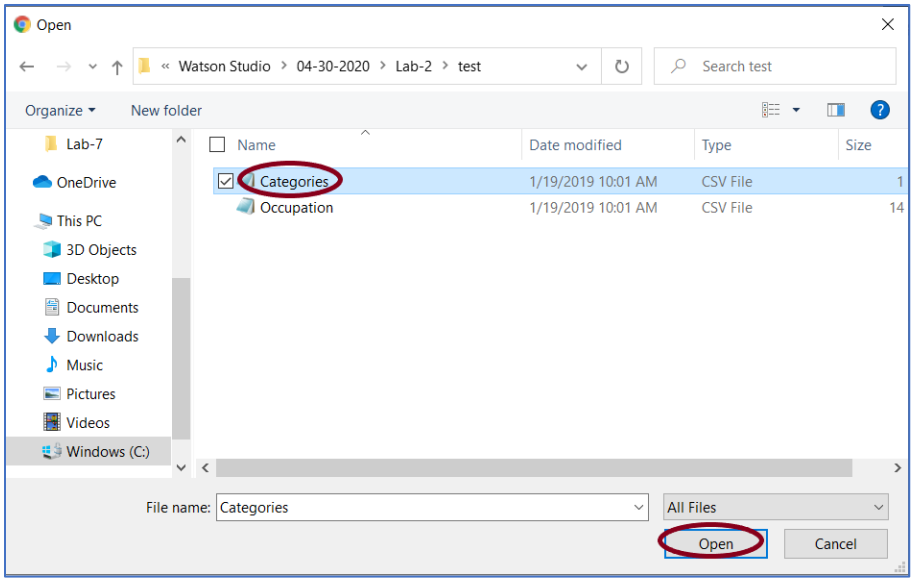
2. Click on **Data**.



3. Click on **browse**.



4. Navigate to where Categories.csv was downloaded to your file system. Click on **Categories**. Click **Open**.

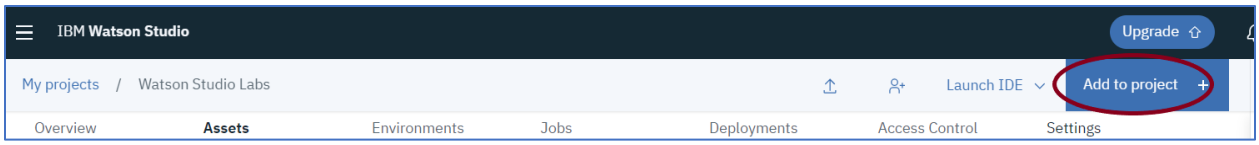


5. The **Categories** asset is added to the project.

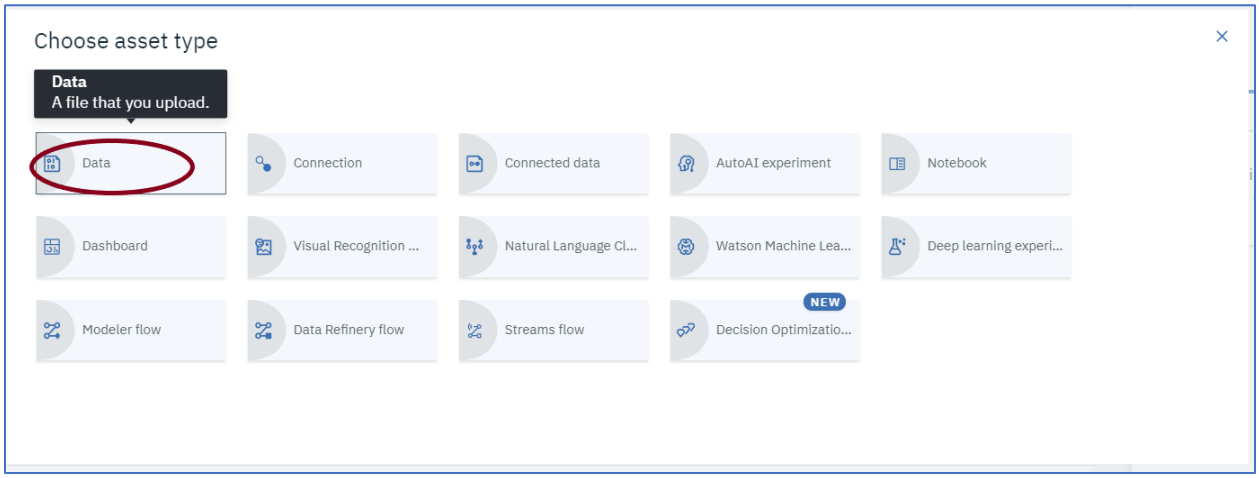
Add Occupation.

To add the Occupation data asset to the project, complete the following steps.

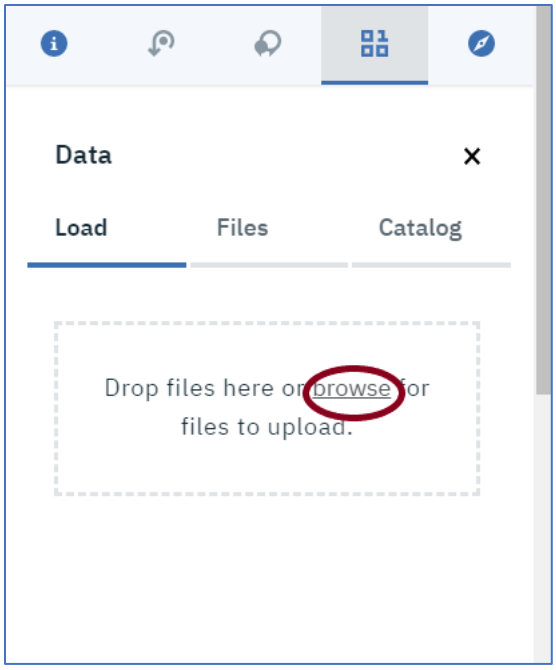
1. Click on **Add to project**.



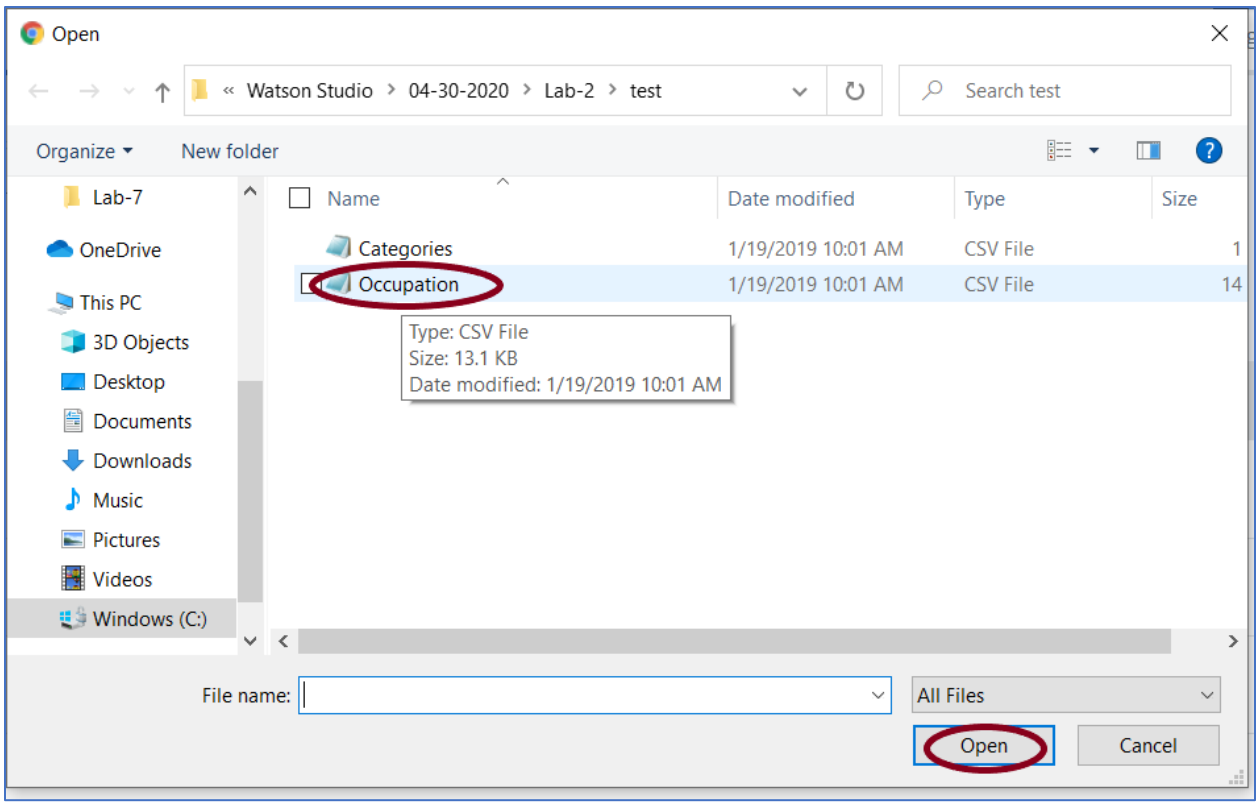
2. Click on **Data**.



3. Click on **browse**.



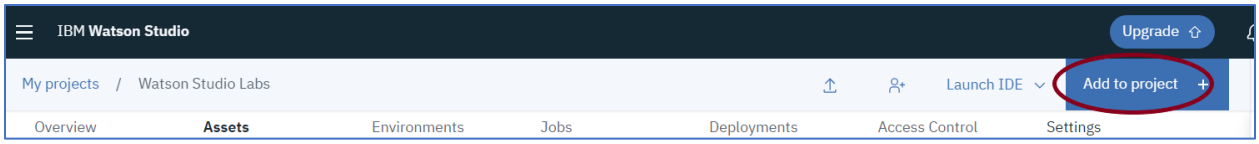
4. Navigate to where Occupation.csv was downloaded to your file system. Click on **Occupation**. Click **Open**.



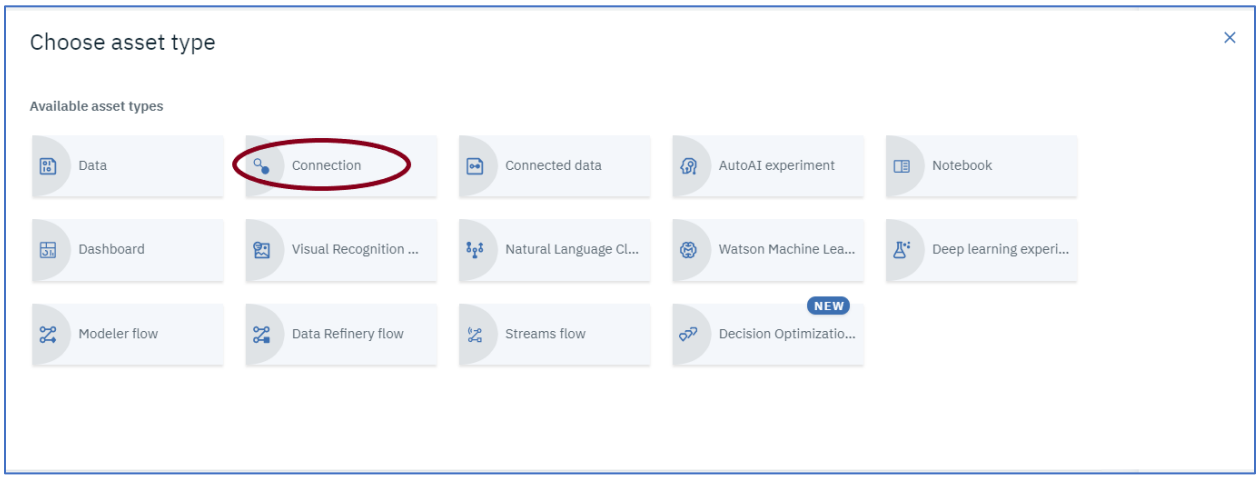
5. The **Occupation** asset is added to the project.

Add Trafficking Connection

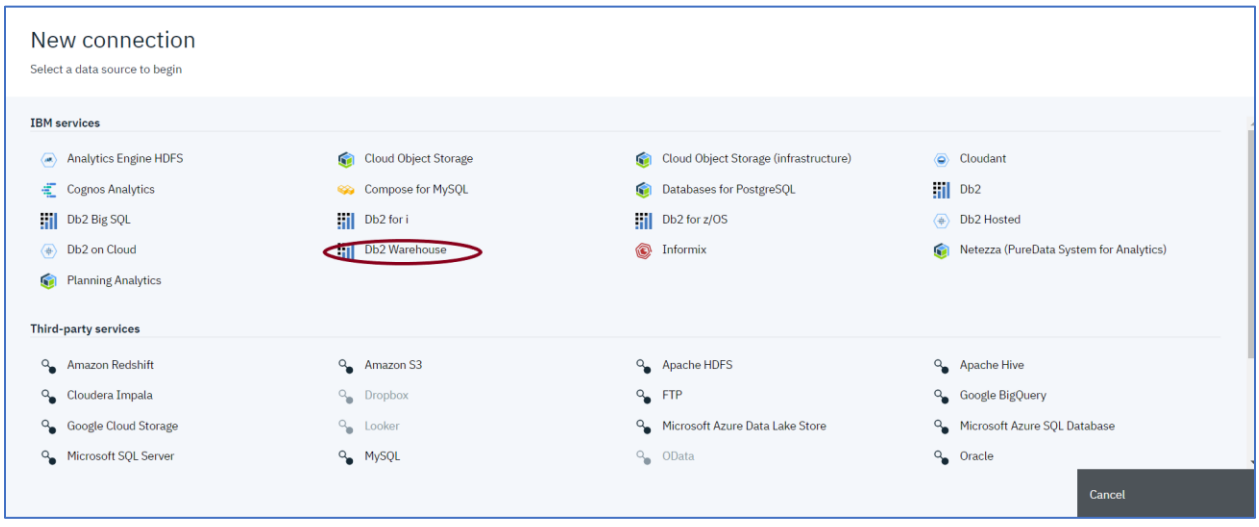
1. Click on **Add to project**.



2. Click on **Connection**

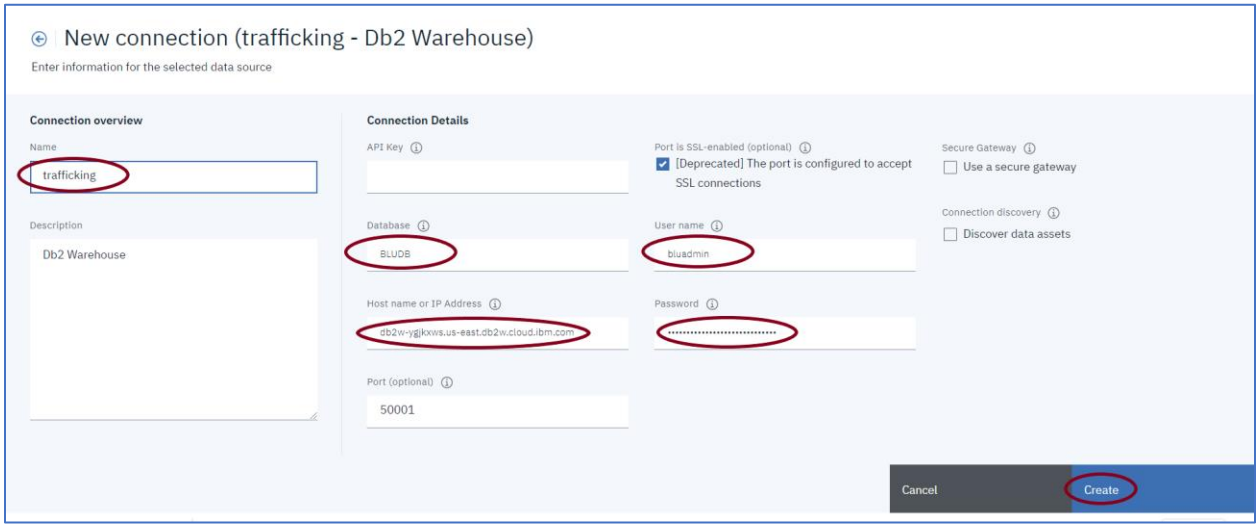


3. Click on DB2 Warehouse

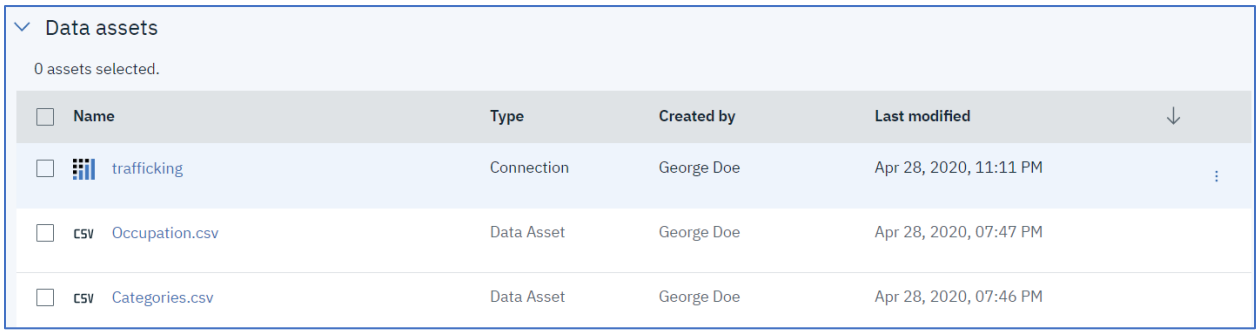


4. Enter **trafficking** for the Connection **Name**. Enter **BLUDB** for the **Database**. Enter **bluadmin** for the **User name**. Click here to get DB2 Warehouse credentials for **Host name** and **Password**. Pick a random connection from the list. For example, we used the credentials for Db2_Warehouse_E2E_3 below. Copy the **hostname** from the credentials

to the **Host name** on the **New connection** page. Copy the **password** from the credentials to the **Password** on the **New connection** page. Click **Create**.

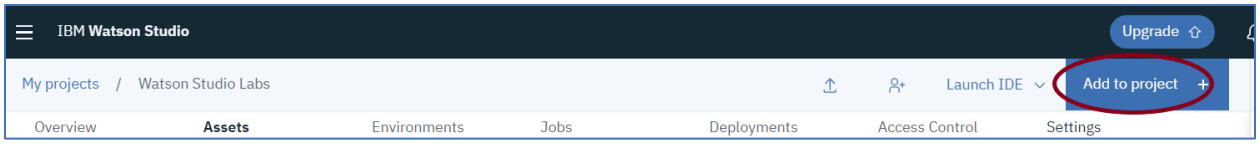


5. The **trafficking** connection is added to the Data Assets for the project.

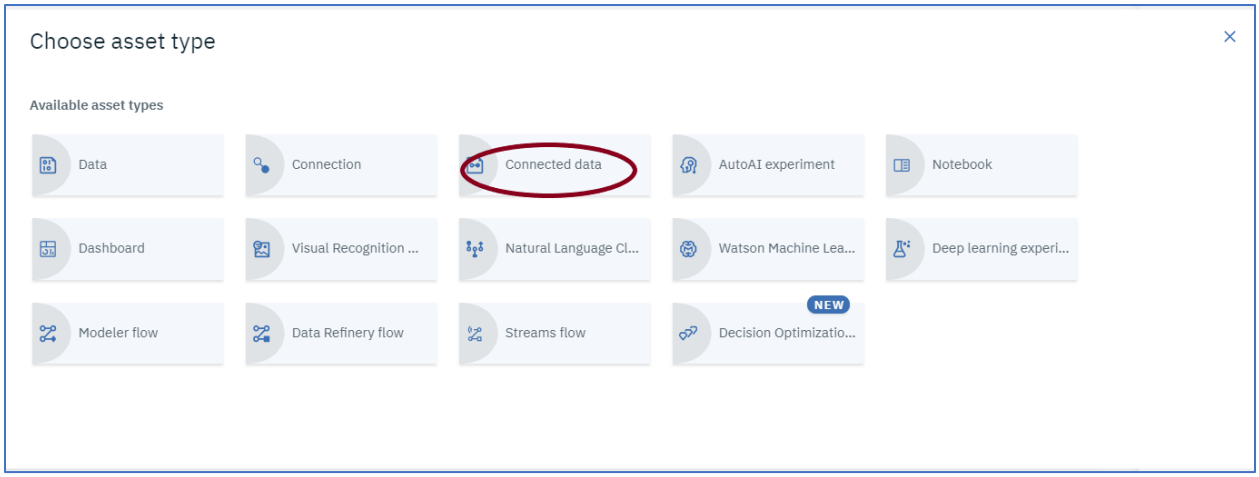


Add Connected Asset

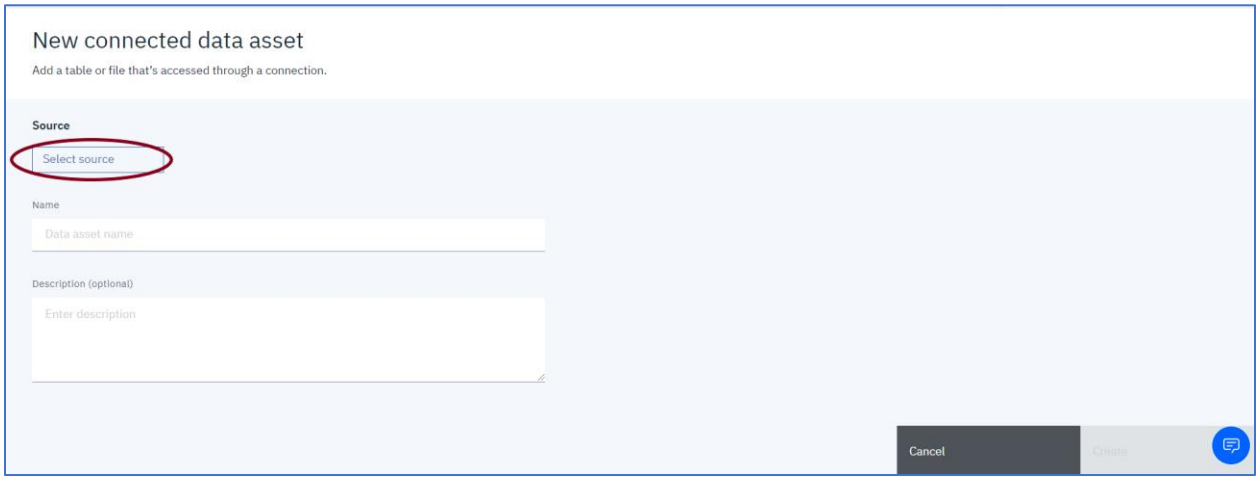
1. Click on **Add to project**.



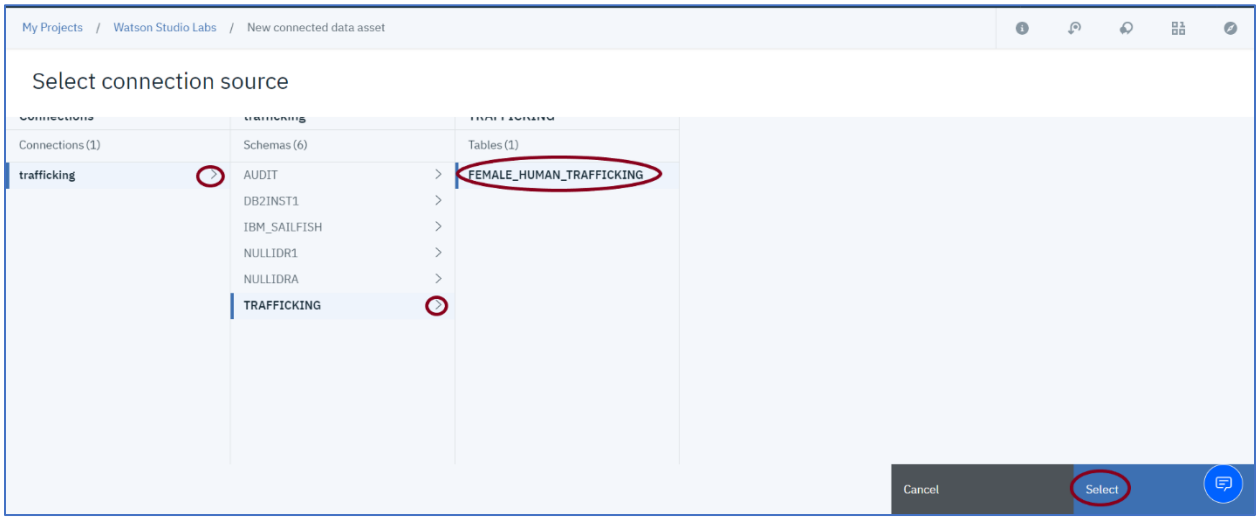
2. Click on **Connected data**



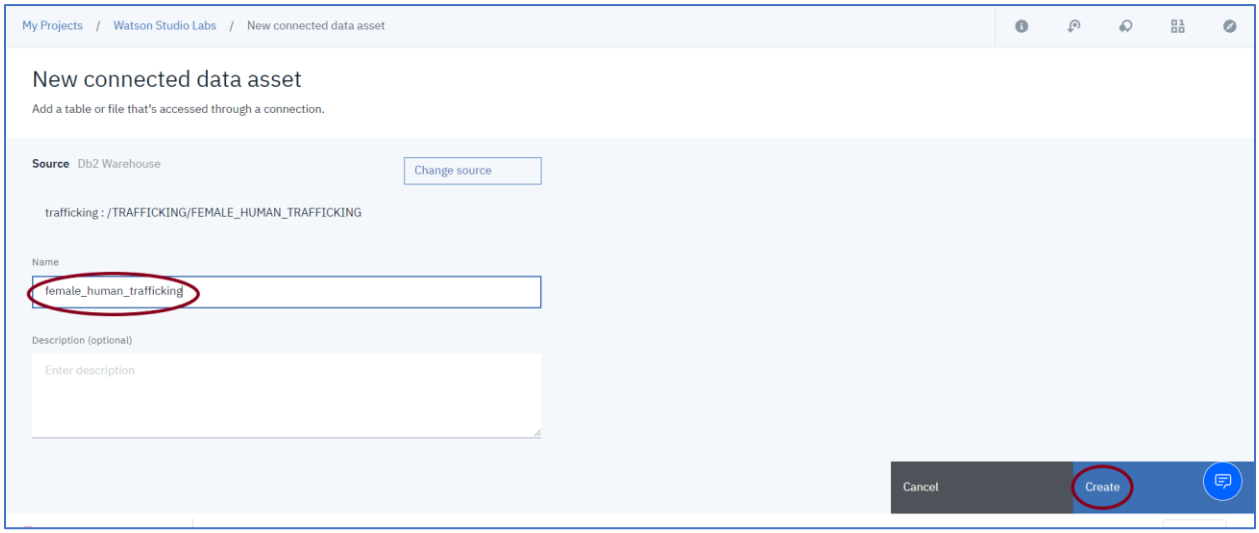
3. Click on **Select Source**



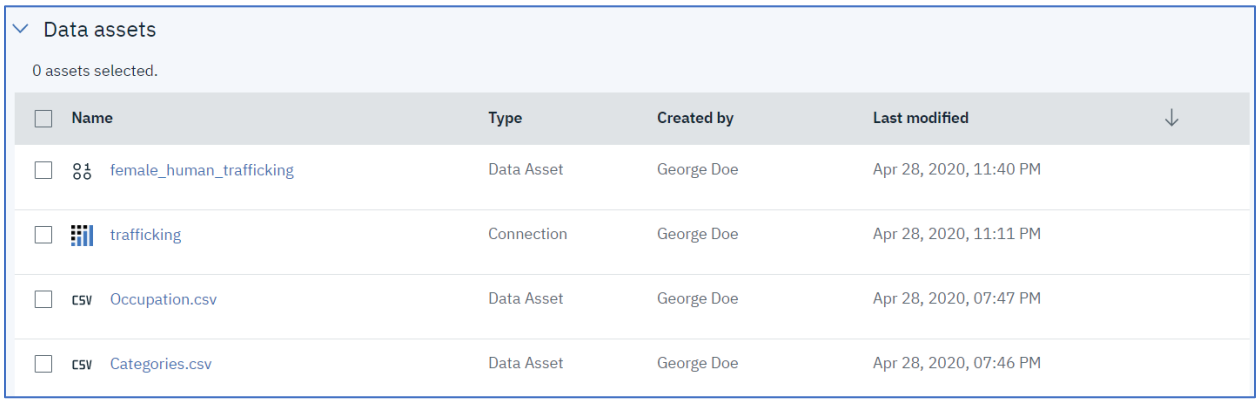
4. Click on **trafficking** for the **Connection, TRAFFICKING** for the **Schema,** and **FEMALE_HUMAN_TRAFFICKING** for the **Table**. Click **Select**.



5. Enter **female_human_trafficking** for the **Name,** and click **Create**.



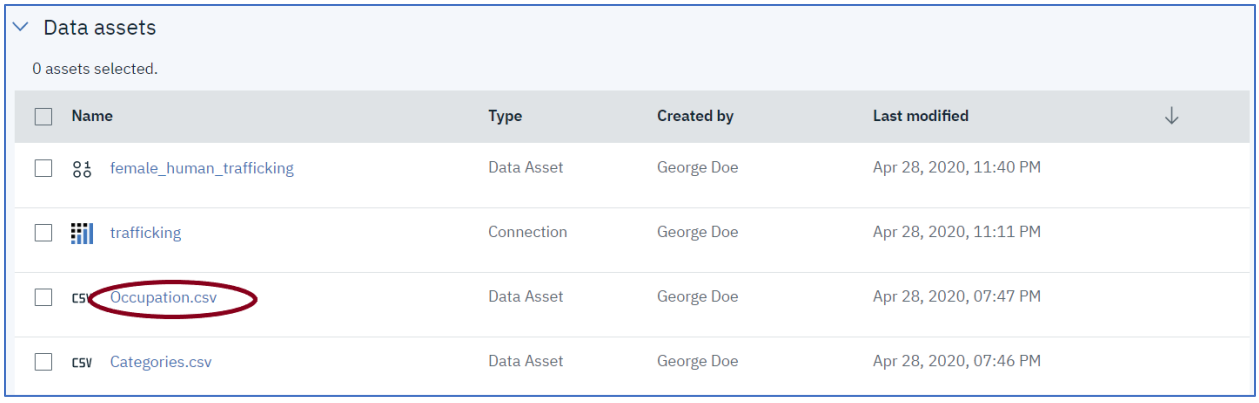
6. The **female_human_trafficking** Connected Data asset is created.



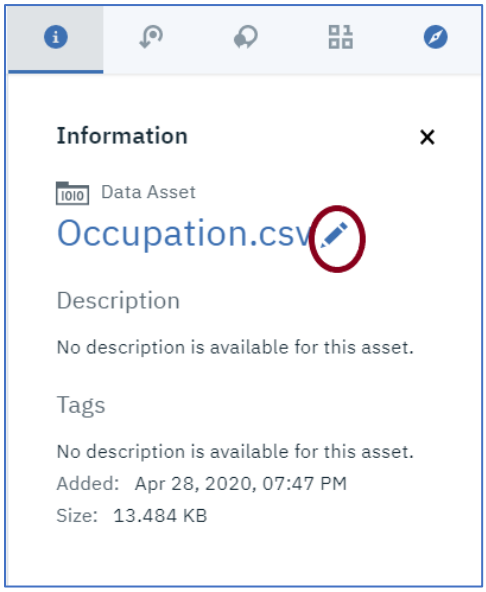
Change Data Asset Names

To be consistent with the output of Lab-2, we need to change Occupation.csv to Occuptation, and Categories.csv to Categories.

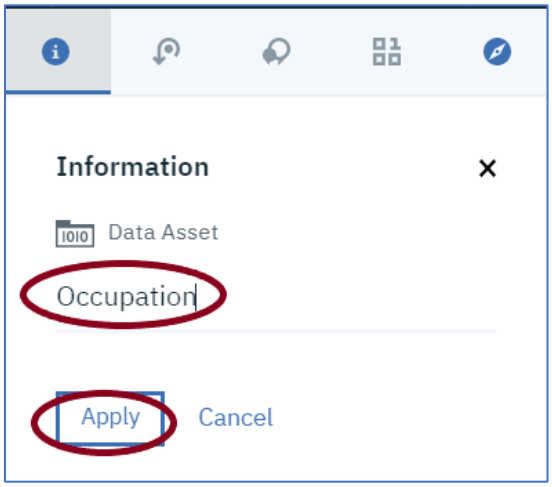
1. Click on **Occupation.csv**



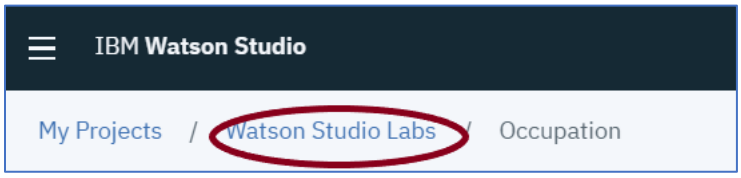
2. Hover over Occupation.csv to display the pencil icon. Click on the **pencil** icon.



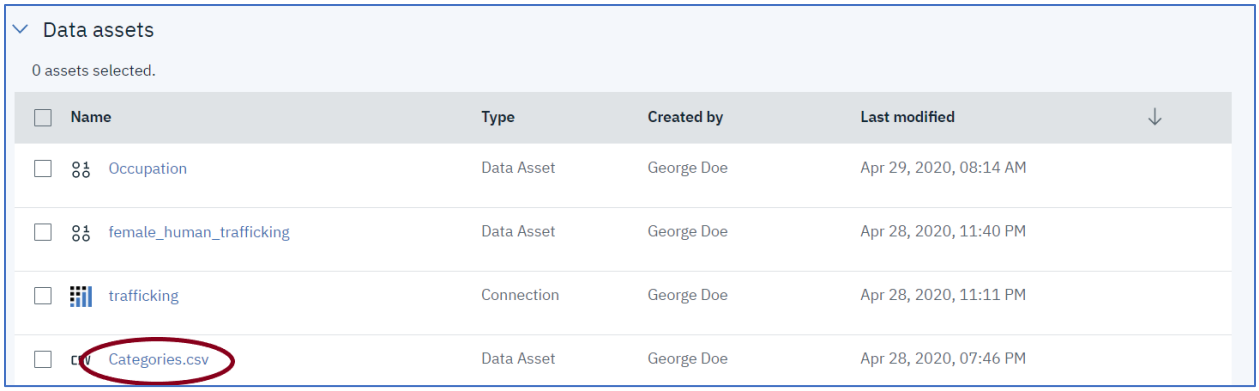
3. Change the name to **Occupation** and click **Apply**.



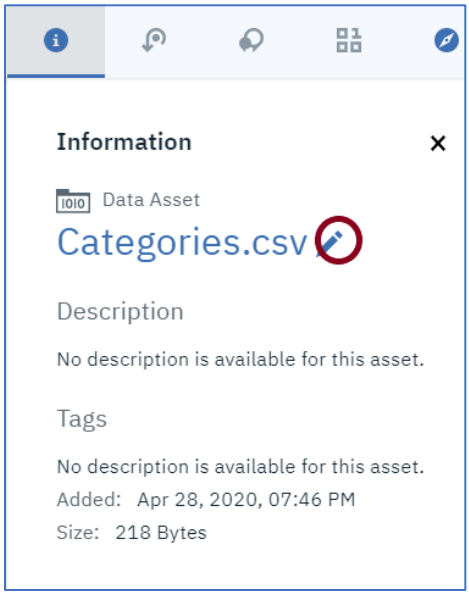
4. Click **Watson Studio Labs** to return to the **Asset** page.



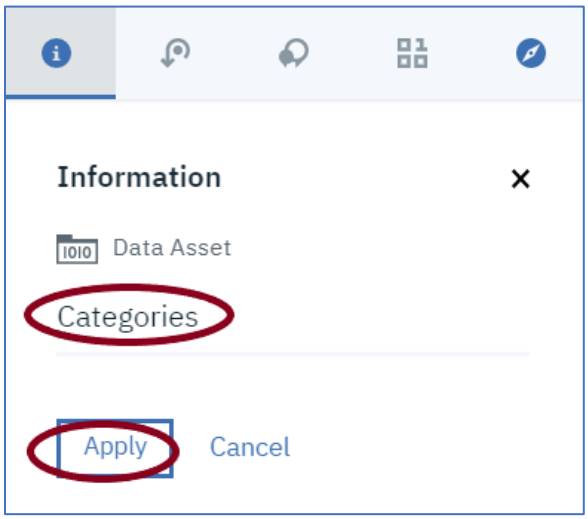
5. Click on **Categories.csv**



6. Hover over **Categories.csv** to display the pencil icon. Click on the **pencil** icon.



7. Change **Categories.csv** to **Categories** and click **Apply**.



8. Click **Watson Studio Labs** to return to the **Asset** page.

9. The Categories asset name has been changed.