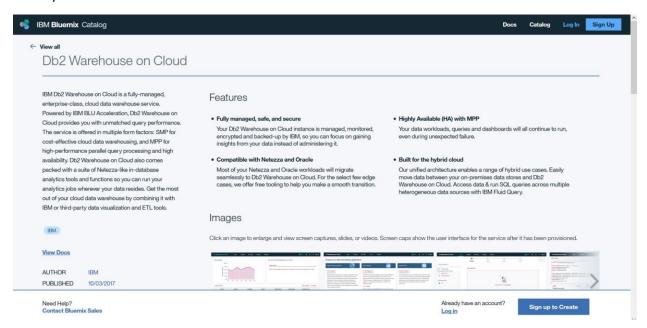
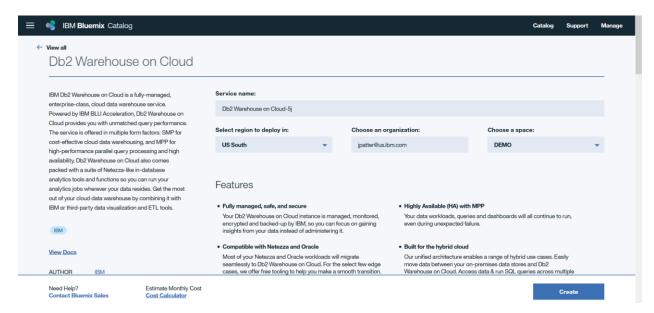
# Creating a Db2 Warehouse on Cloud instance in Bluemix

Selecting the Db2 Warehouse on Cloud icon in the DSX Lab #1 notebook creates a new tab with the following screen. Note: if your Bluemix credentials are already loaded you will be brought directly to the Db2 Warehouse on Cloud create screen.

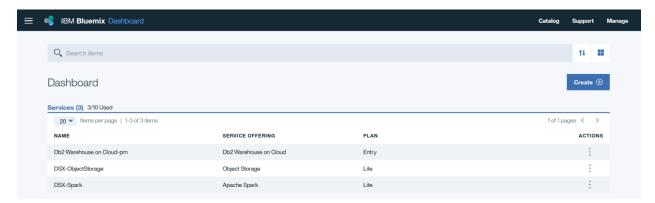


#### Select Log In

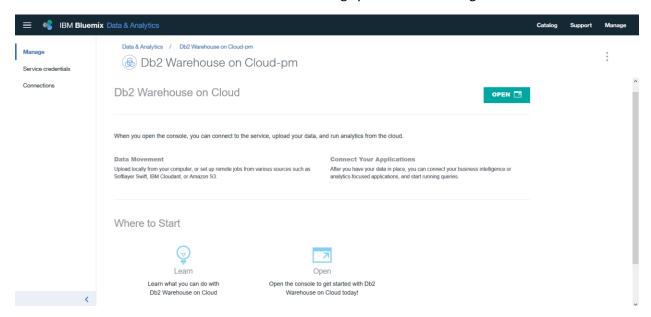
**Log In** should log you into Bluemix using your DSX credentials and bring you to the Db2 Warehouse on Cloud create screen



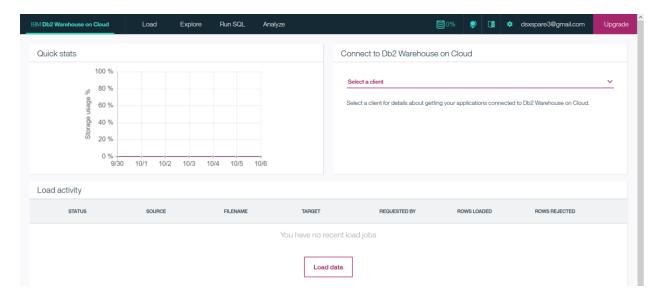
Provide a name for the Db2 Warehouse on Cloud service or take the default. **Create** the Db2 Warehouse on Cloud instance – you will be directed to the Dashboard and see something similar to (or you may go directly to the Db2 Warehouse on Cloud service screen as shown on the next page)



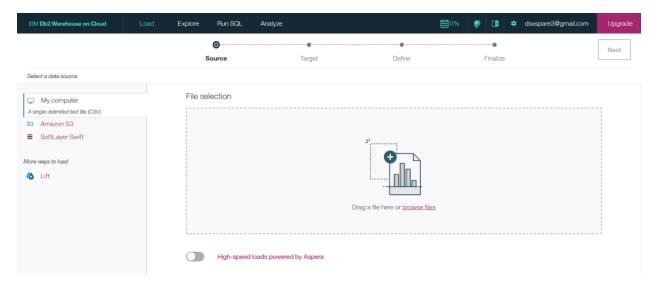
Select the **Db2 Warehouse on Cloud** service – this brings you to the following



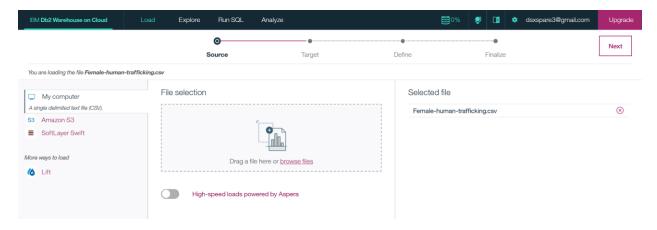
Select **OPEN** to open the Db2 Warehouse on Cloud console.



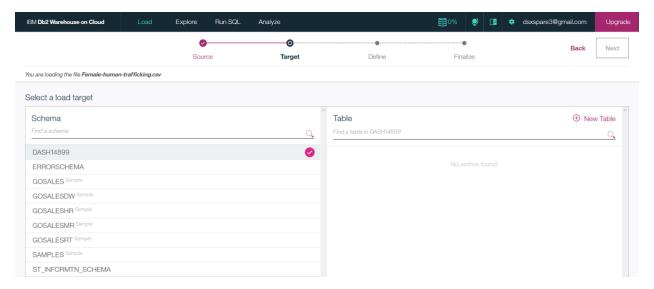
### Close the Quick Tour and select Load Data



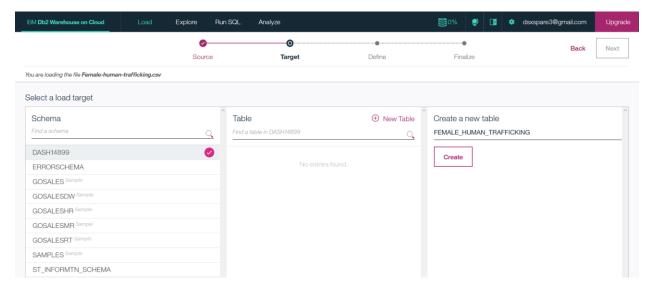
Browse files and select the **female\_human\_trafficking.csv** file which you should have downloaded previously.



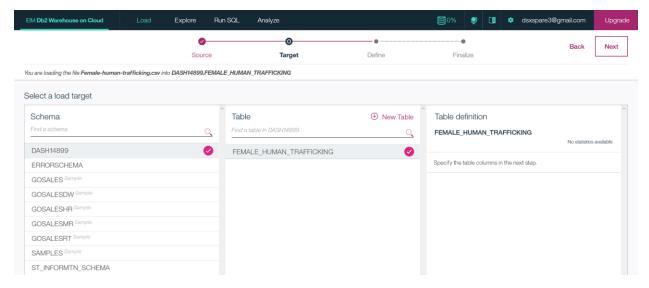
Select the schema. Select the one that has DASH in it.



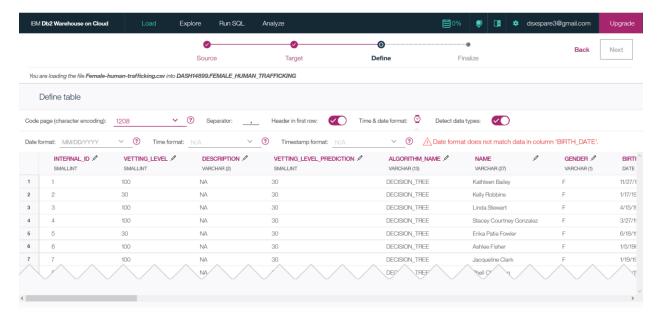
Select New Table and enter FEMALE\_HUMAN\_TRAFFICKING for the table name



**Select Create** 

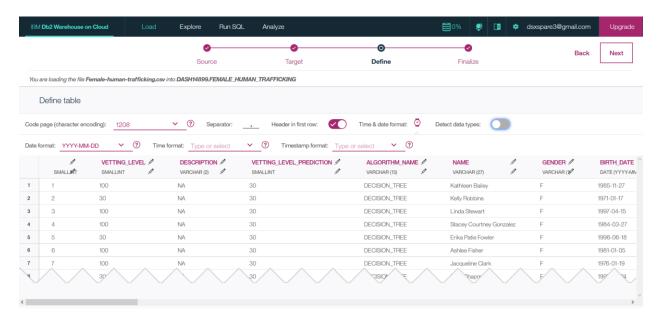


#### Select Next



We need to adjust the length of some varchars.

First, deselect Detect data types



Edit the VARCHAR lengths for the following fields by selecting the pencil icon by the field type:

NAME - change to VARCHAR(30)

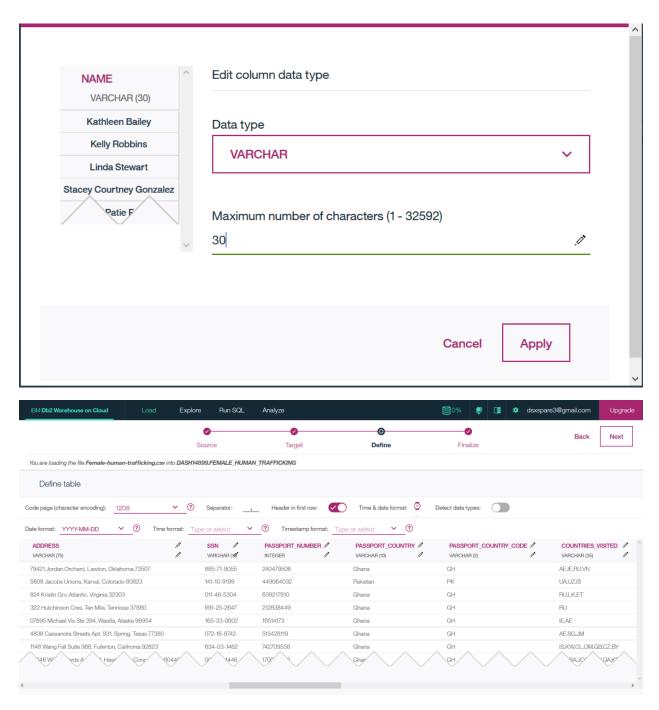
ADDRESS – change to VARCHAR(75)

DEPARTURE\_AIRPORT\_MUNICIPALITY - change to VARCHAR(30)

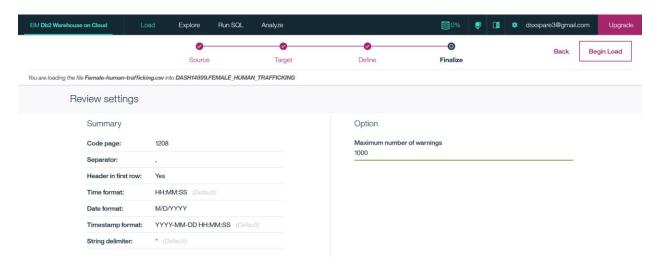
DEPARTURE\_AIRPORT\_REGION - change to VARCHAR(10)

See below for editing example for NAME

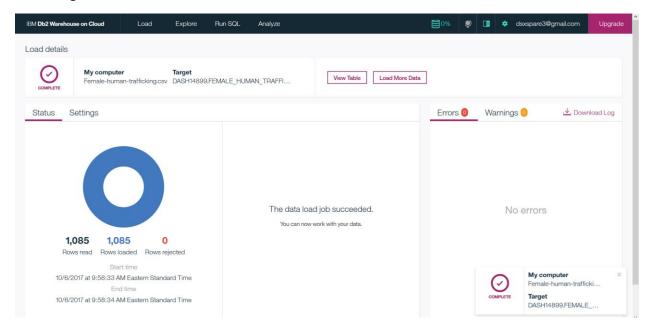
NOTE: In Chrome I've seen selecting the Apply button not do anything, but if you select anywhere \*outside\* the popup that closes the window correctly.



Select Next



### Select Begin Load



The table is now loaded. You may exit Bluemix or close the tab if desired.

Now that a Db2 Warehouse on Cloud instance has been created, add it as a source to DSX in the next section.

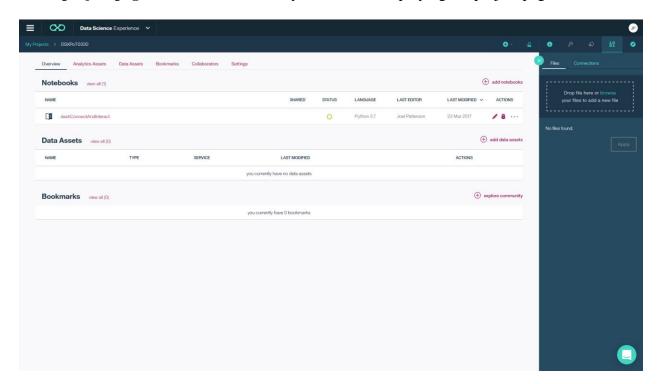
# Adding Db2 Warehouse on Cloud as a DSX Data Source

Click the box of 1's and 0's which allows you to insert file or data connections. Select the **Connections** tab.

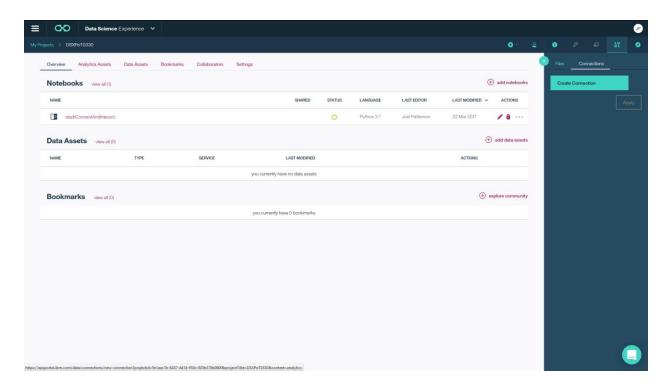
You should not have any connections defined.



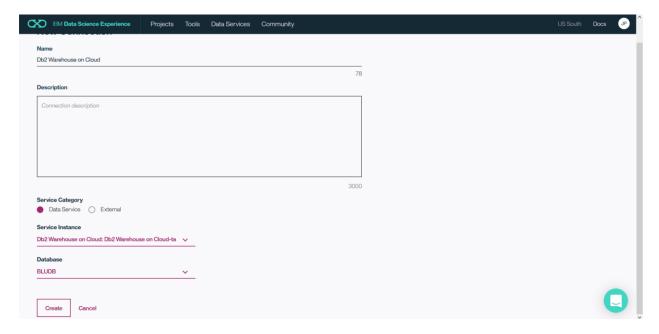
Select **project page** to create a new tab in your browser displaying the project page:



Select Connections.

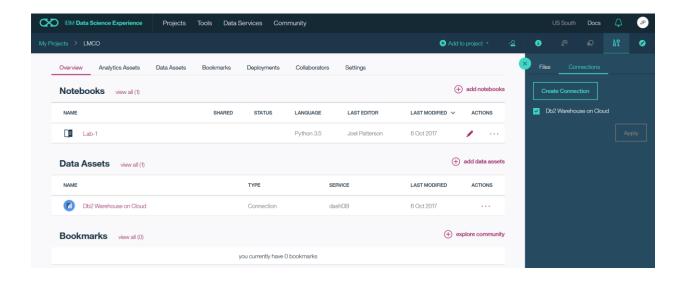


## **Select Create Connection**



Pick a name for your Db2 Warehouse on Cloud connection, an optional description, and then select the **Service Instance** (name will be what you picked when creating the instance) and **Database** (BLUDB).

### Create.



The connection will now show in your list of Data Assets.



And will automatically update in the list of Connections for your notebook.