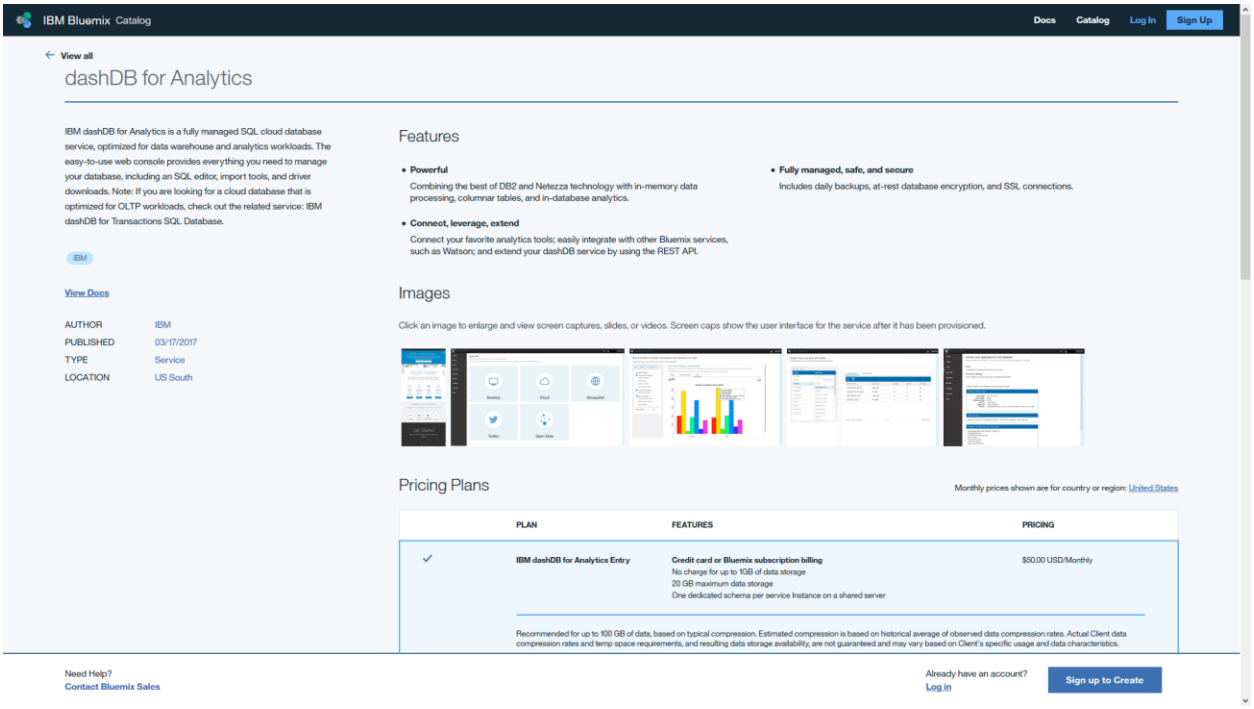
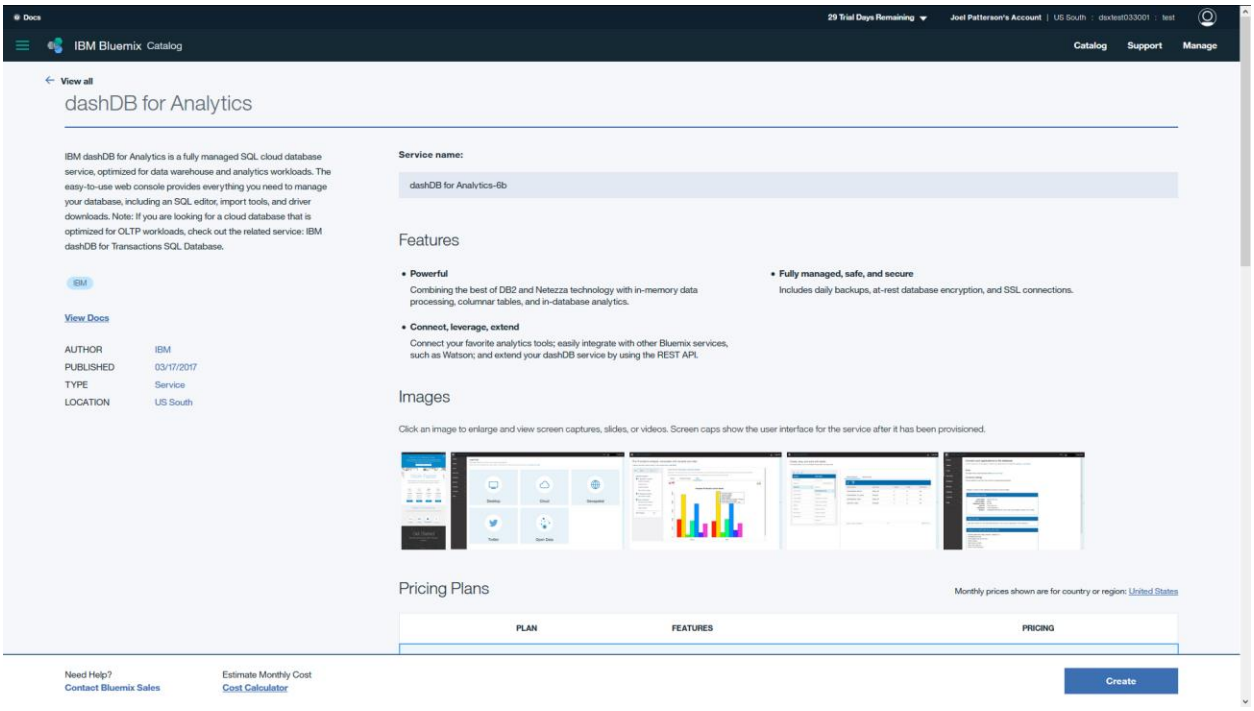
# Creating a dashDB instance in Bluemix

Selecting the dashDB icon 

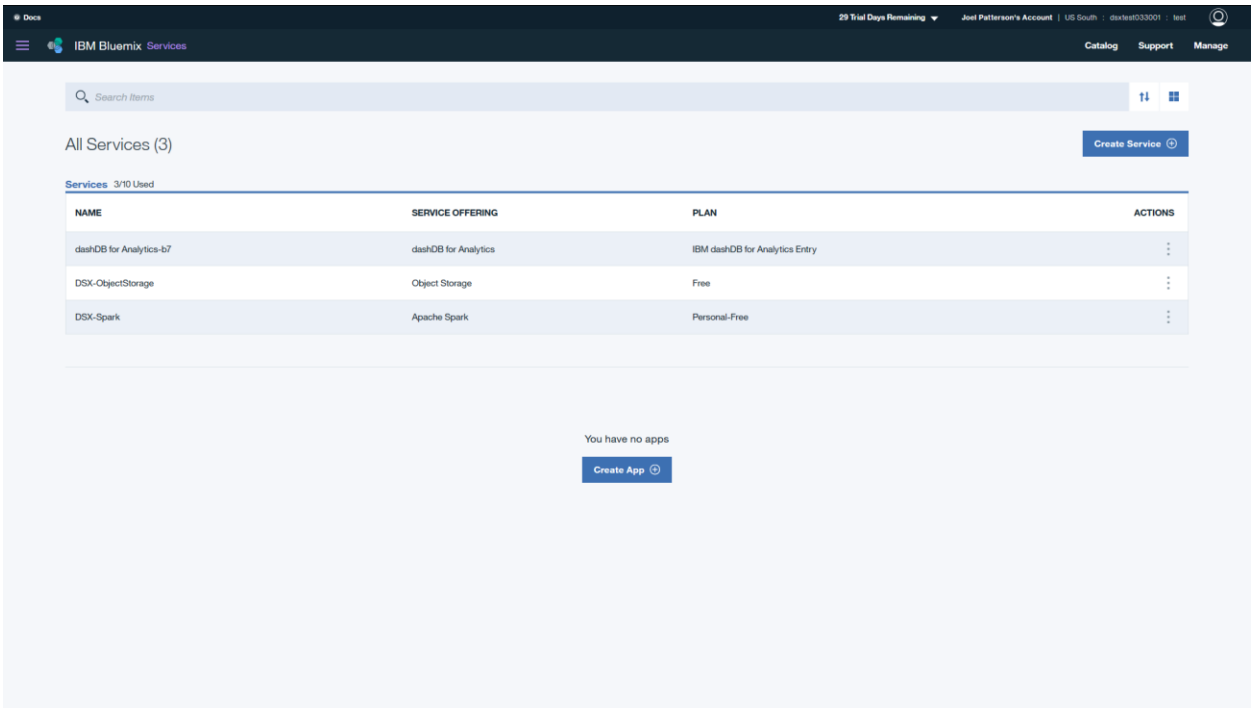
in the DSX Lab #1 notebook creates a new tab with the following screen. Select **Log In**



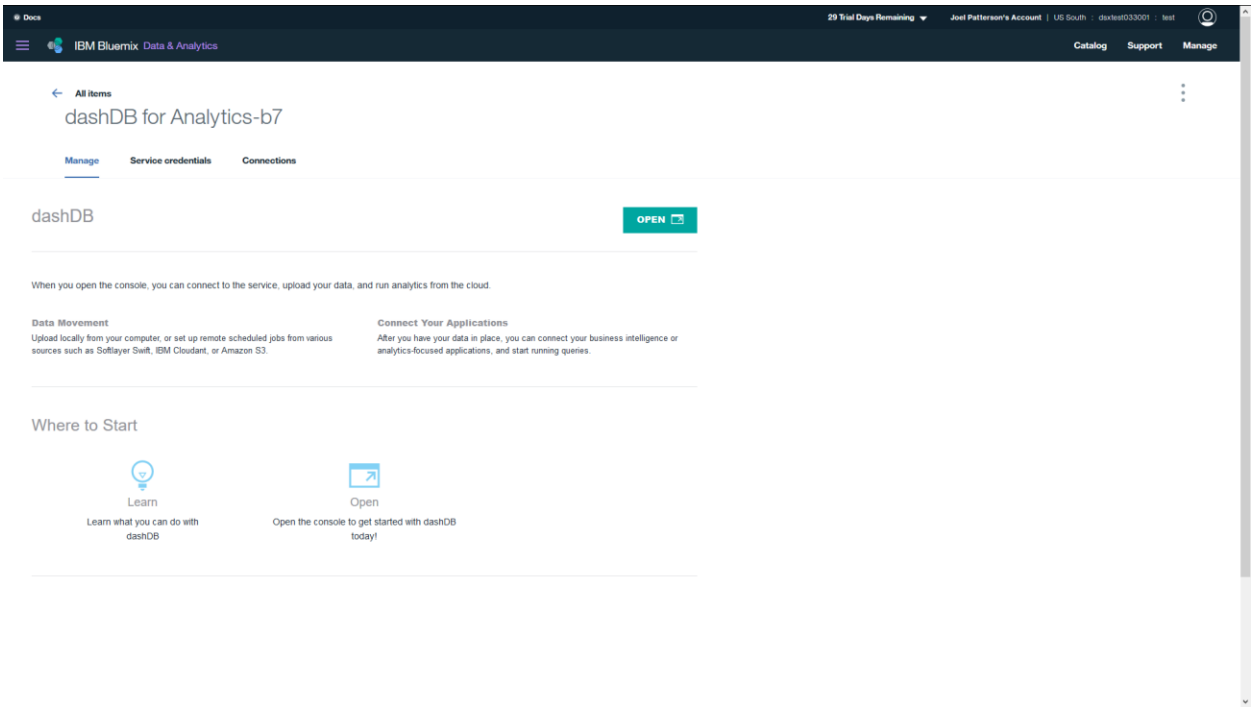

**Log In** should log you into Bluemix using your DSX credentials and bring you to the dashDB create screen



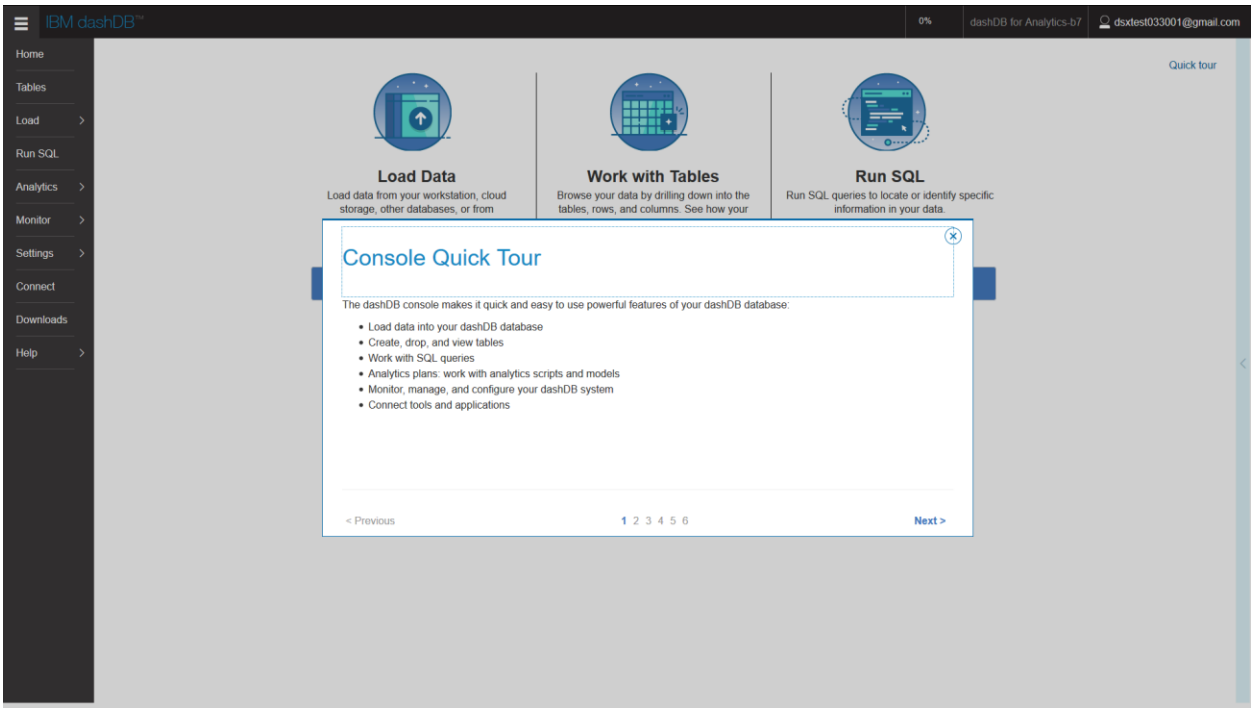

**Create** the dashDB instance – you will be directed to the Dashboard and see something similar to



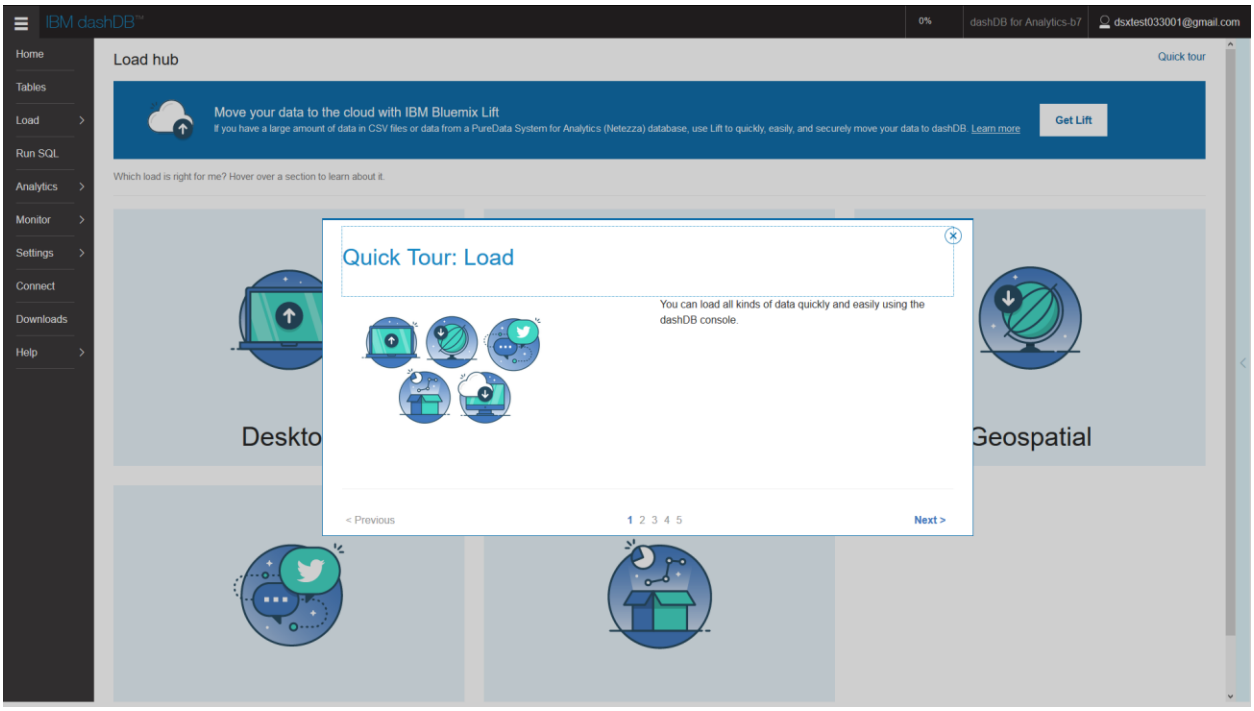

Select the **dashDB for Analytics** service – this brings you to the following



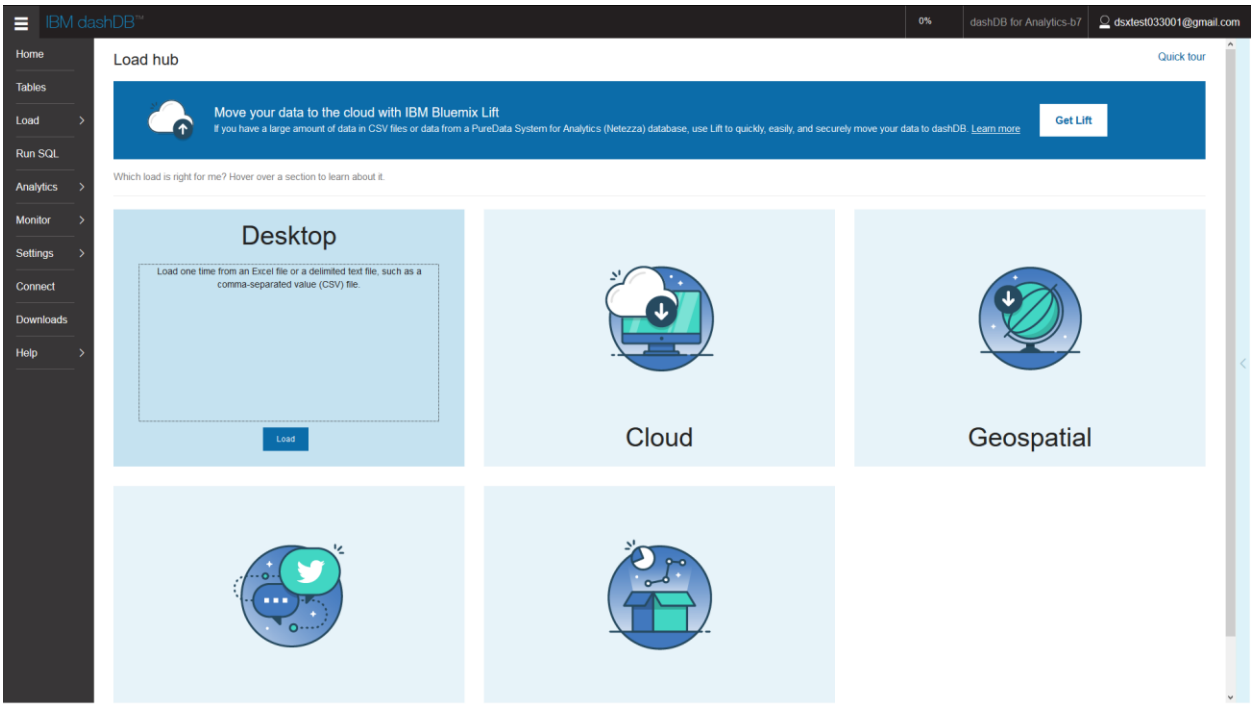

**OPEN** dashDB



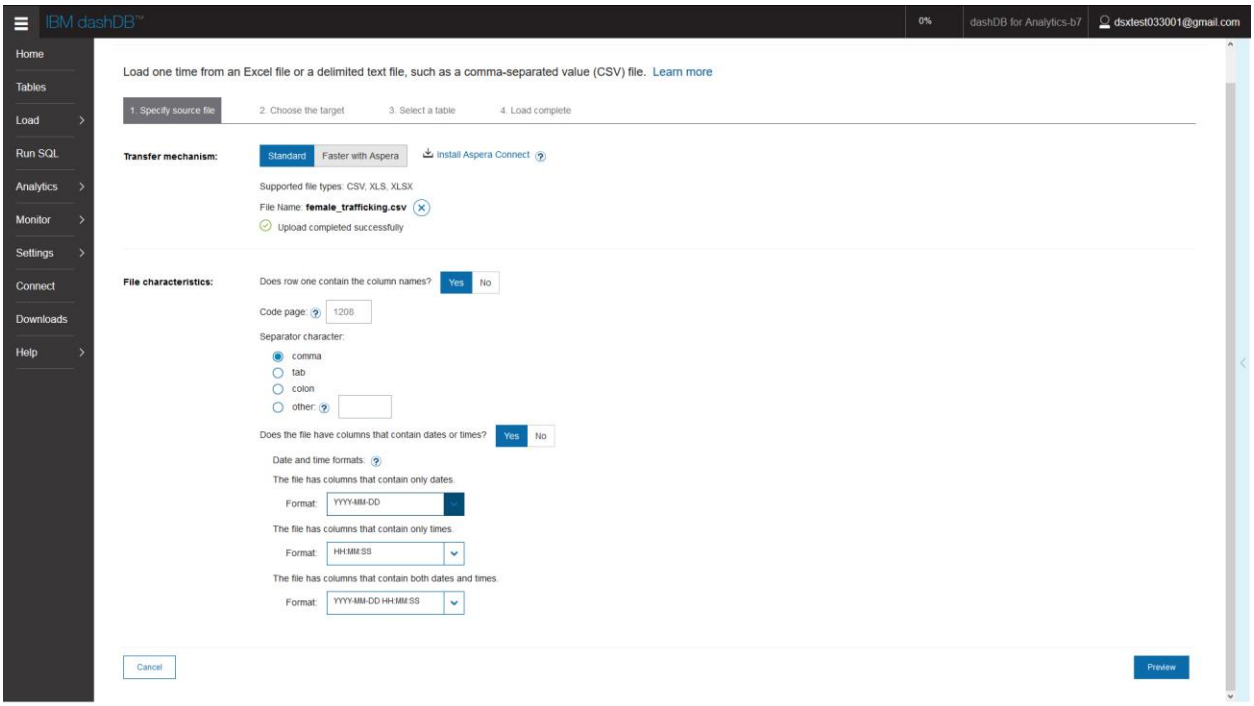

Close the Quick Tour and select **Load Data**



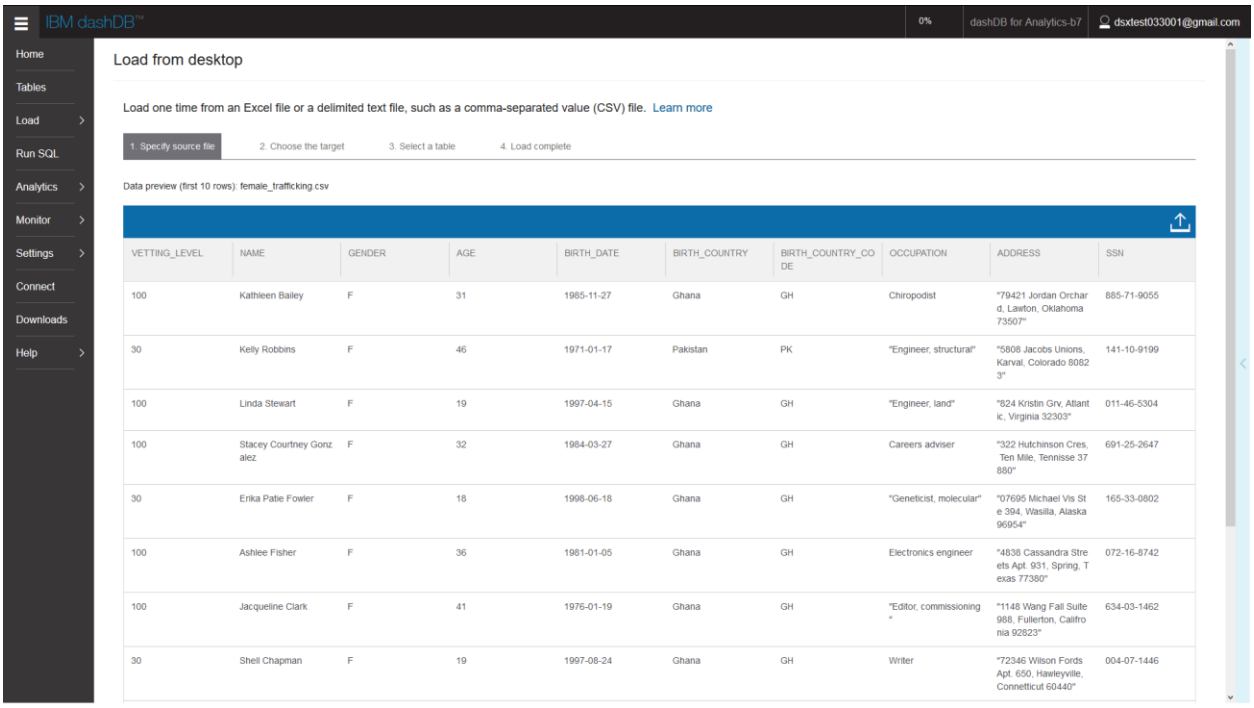

Hover over the various sections to understand your options and then go to **Desktop** and select the **Load** button




Select the female_trafficking.csv file which you should have downloaded previously. It does contain dates (Date of Birth) so we will select the proper format (YYYY-MM-DD). Select the **Preview** button.

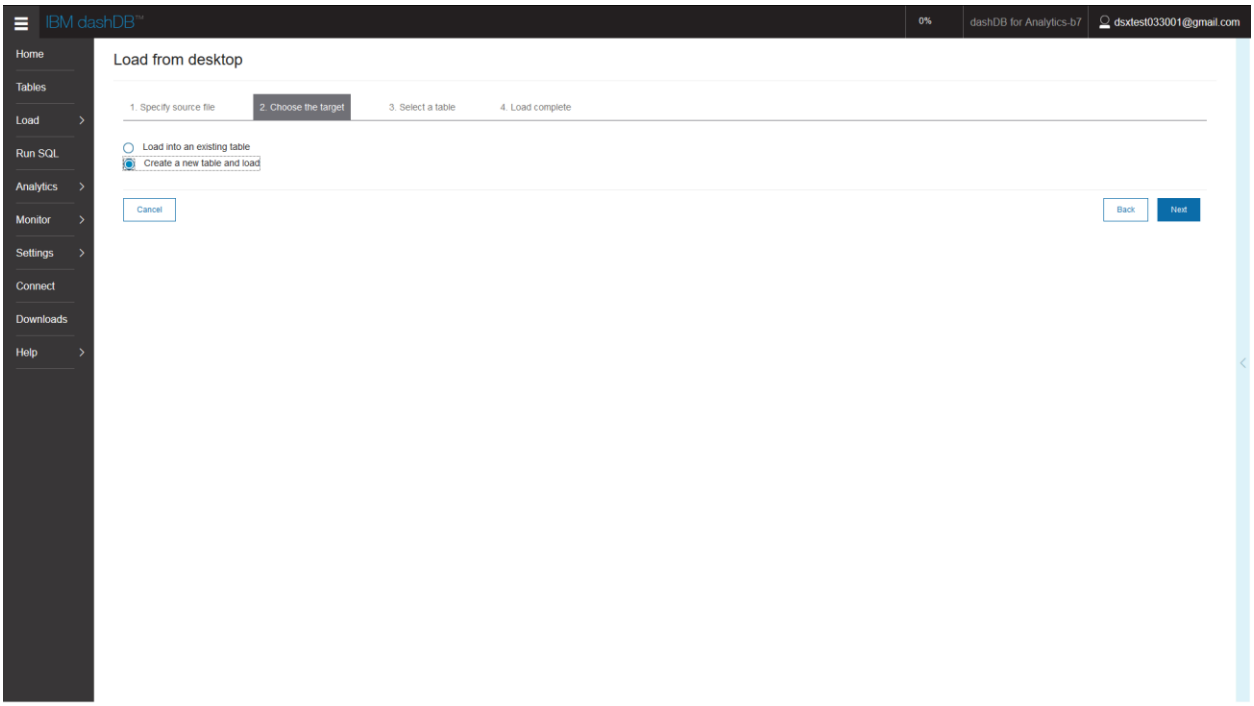



Verify that the data appears correct and then scroll to the bottom and select **Next**

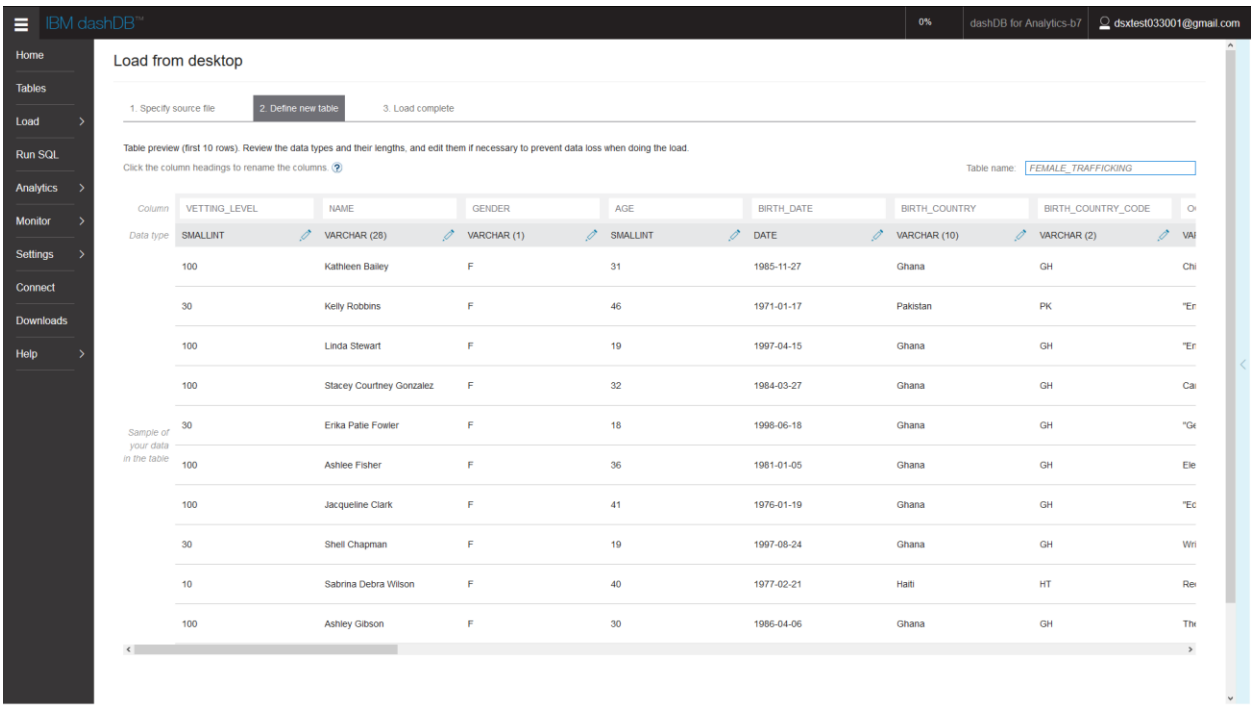



| VETTING_LEVEL | NAME | GENDER | AGE | BIRTH_DATE | BIRTH_COUNTRY | BIRTH_COUNTRY_CODE | OCCUPATION | ADDRESS | SSN |
|---|---|---|---|---|---|---|---|---|---|
| 100 | Kathleen Bailey | F | 31 | 1985-11-27 | Ghana | GH | Chiropodist | "79421 Jordan Orchard, Lawton, Oklahoma 73507" | 885-71-9055 |
| 30 | Kelly Robbins | F | 46 | 1971-01-17 | Pakistan | PK | "Engineer, structural" | "5808 Jacobs Unions, Karval, Colorado 80823" | 141-10-9199 |
| 100 | Linda Stewart | F | 19 | 1997-04-15 | Ghana | GH | "Engineer, land" | "824 Kristin Grv, Atlantic, Virginia 32303" | 011-46-5304 |
| 100 | Stacey Courtney Gonzalez | F | 32 | 1984-03-27 | Ghana | GH | Careers adviser | "322 Hutchinson Cres, Ten Mile, Tennisse 37880" | 691-25-2647 |
| 30 | Erika Patie Fowler | F | 18 | 1998-06-18 | Ghana | GH | "Geneticist, molecular" | "07695 Michael Vis St e 394, Wasilla, Alaska 96954" | 165-33-0802 |
| 100 | Ashlee Fisher | F | 36 | 1981-01-05 | Ghana | GH | Electronics engineer | "4838 Cassandra Streets Apt. 931, Spring, Texas 77380" | 072-16-8742 |
| 100 | Jacqueline Clark | F | 41 | 1976-01-19 | Ghana | GH | "Editor, commissioning" | "1148 Wang Fall Suite 988, Fullerton, Califronia 92823" | 634-03-1462 |
| 30 | Shell Chapman | F | 19 | 1997-08-24 | Ghana | GH | Writer | "72346 Wilson Fords Apt. 650, Hawleyville, Connetticut 60440" | 004-07-1446 |

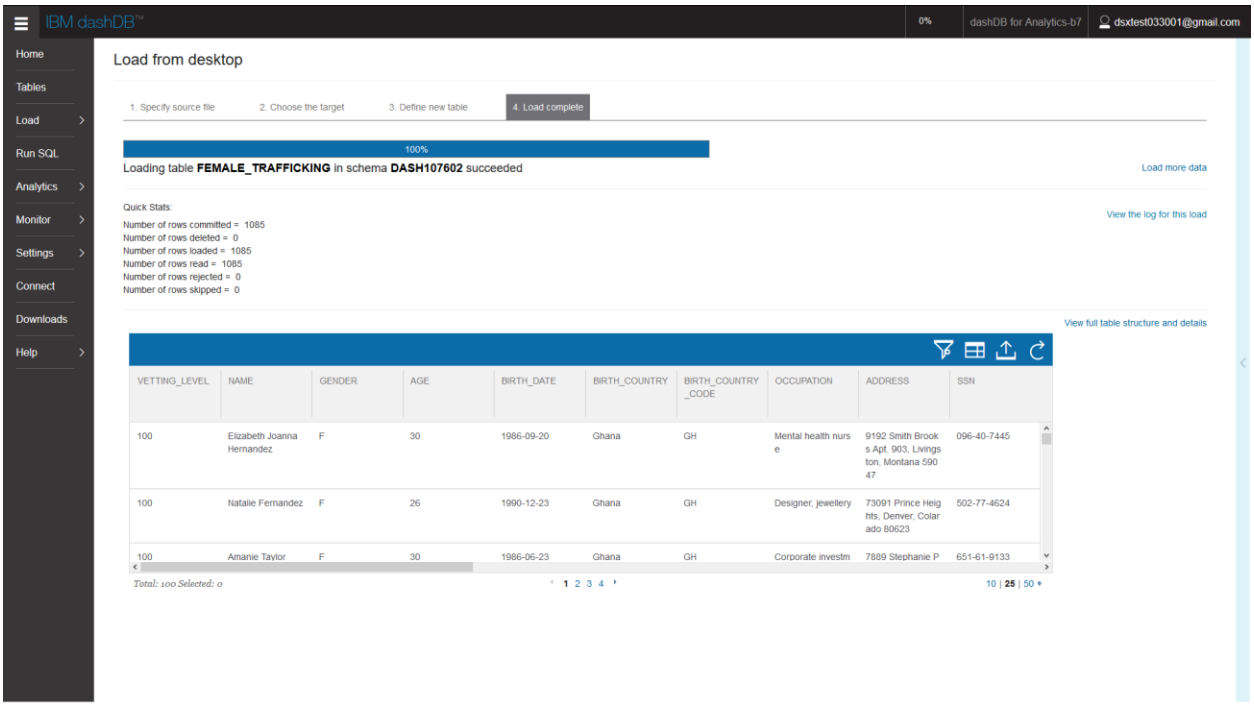
Choose to **Create a new table and load**. Select **Next**




You can change any of the column names, types or the table name if you wish. Scroll to the bottom and select the **Finish** button.




The table is now loaded.




# Adding dashDB as a DSX Data Source

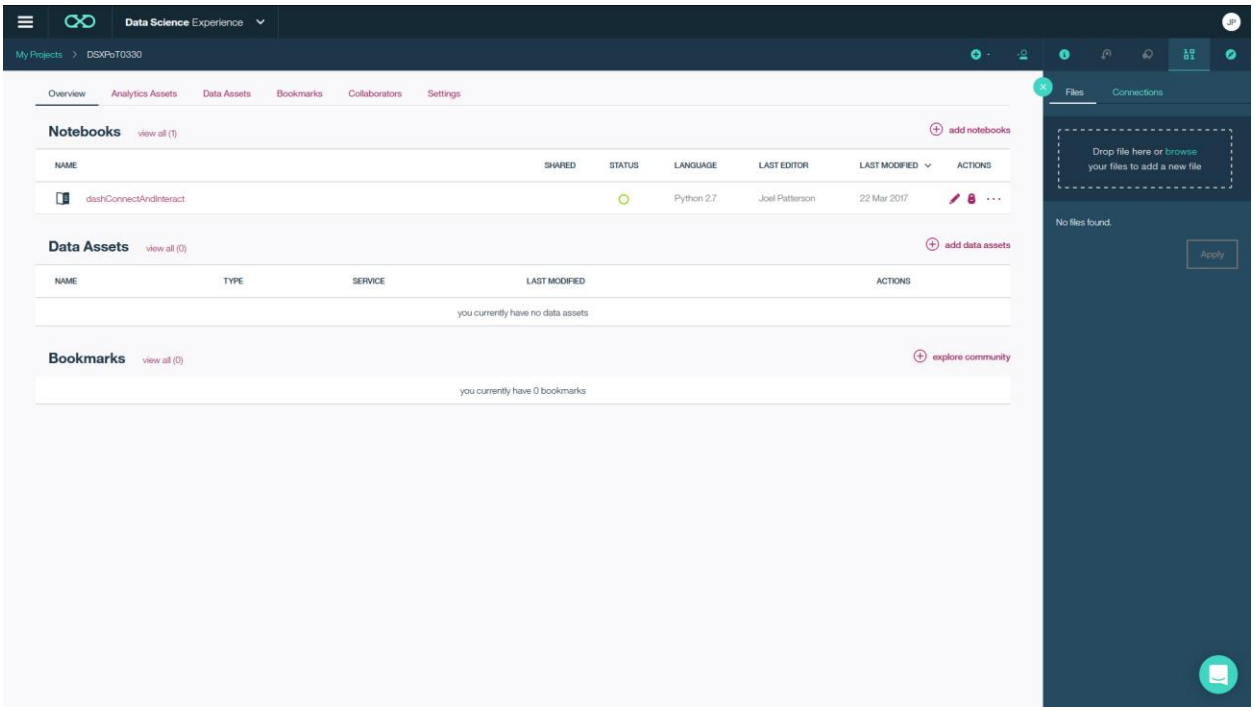
You should continue with this section once you reach the point to add the data source credentials. Let's make the dashDB instance visible in DSX. We're going to have to add it as a Data Source. In the lab you have reached the following section.

# Insert the database connection credentials

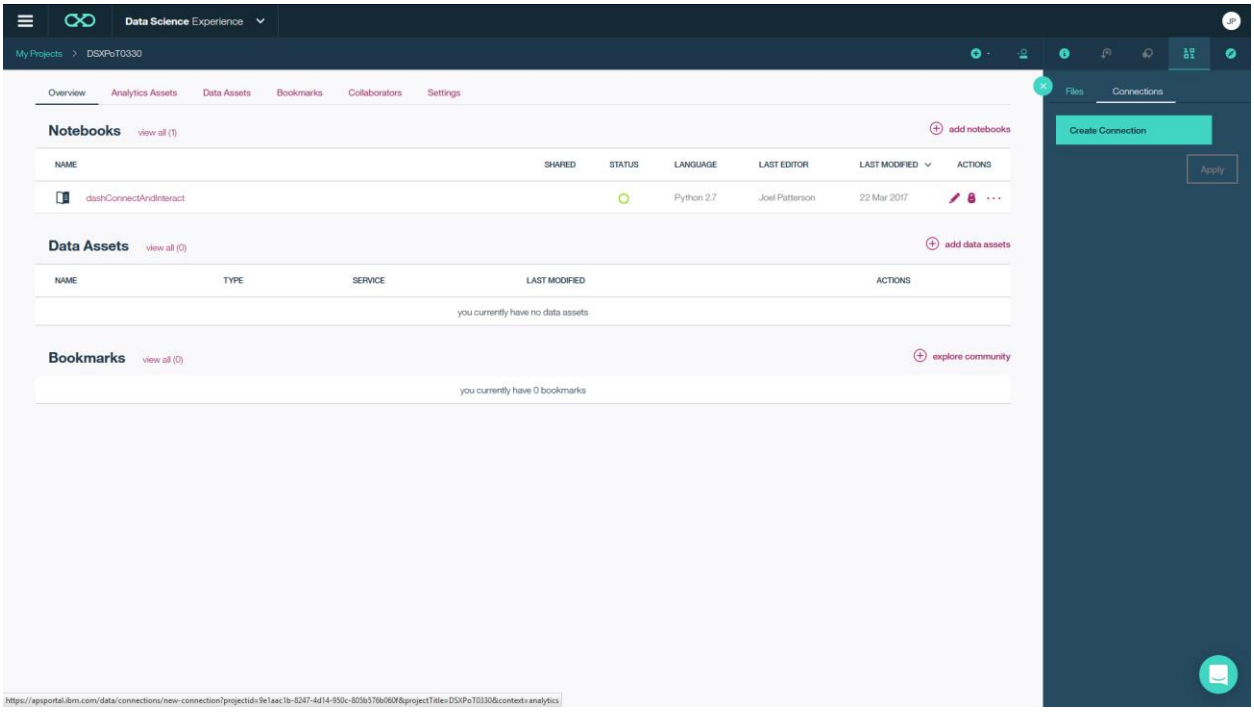
Click on the cell below, then on the notebook toolbar, click the box of 1's and 0's which allows you to insert file or data connections. Select the **Connections** tab.

You should not have any connections defined.


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

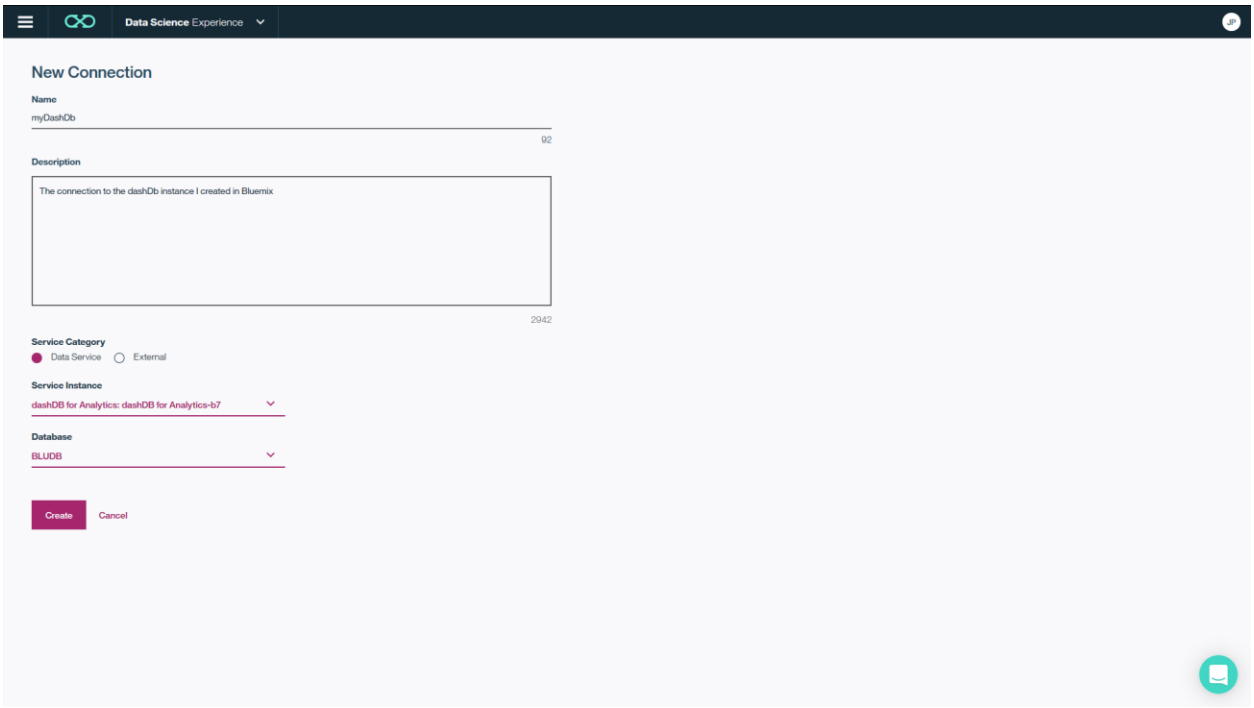



Select **Connections** and then **Create Connection**

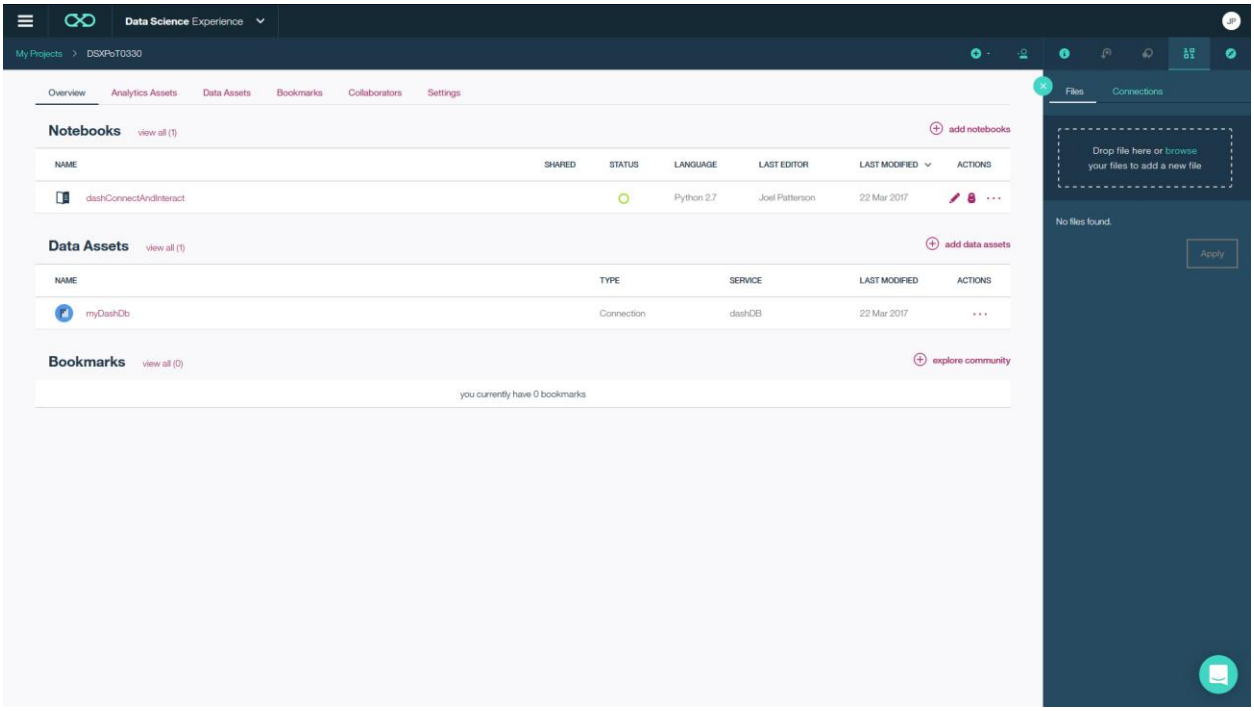



Pick a name for your dashDb connection (I used myDashDb), an optional description, and then select the **Service Instance** (name will vary) and **Database** (BLUDB).

Create.




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




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


Data Science Experience
My Projects > DSXPoT0330 > dashConnectAndInteract
File Edit View Insert Cell Kernel Help
Python 2 with Spark 2.0
Format Markdown CellToolbar
Access dashDB and explore the data with Python
This notebook shows how to access a dashDB data warehouse or DB2 database when using Python. The examples use a dashDB warehouse, but the instructions apply to both dashDB and DB2.
Files Connections
myDashDb
Insert to code