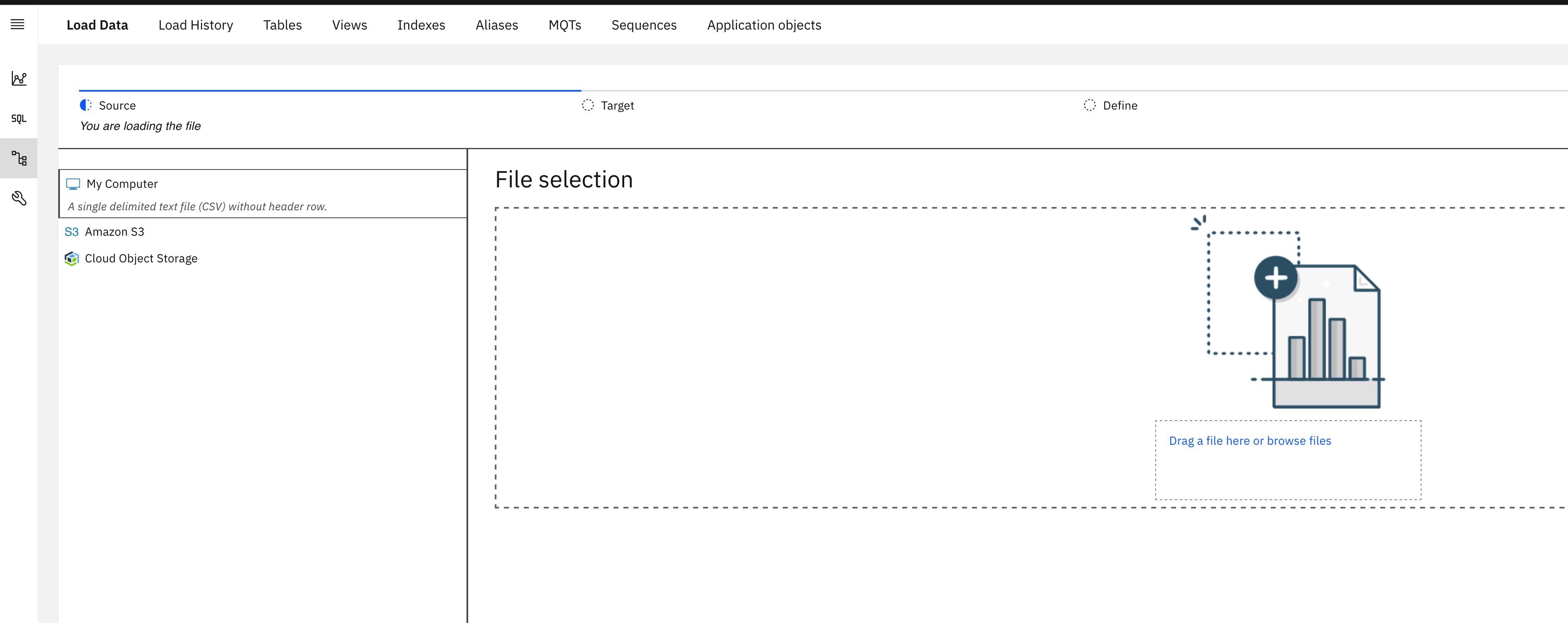
1. Upload csv files from Kaggle competition to some local folder

<https://www.kaggle.com/competitions/titanic/data>

1. Copy all of the files from wkc folder on GitHub
2. Db2 data upload

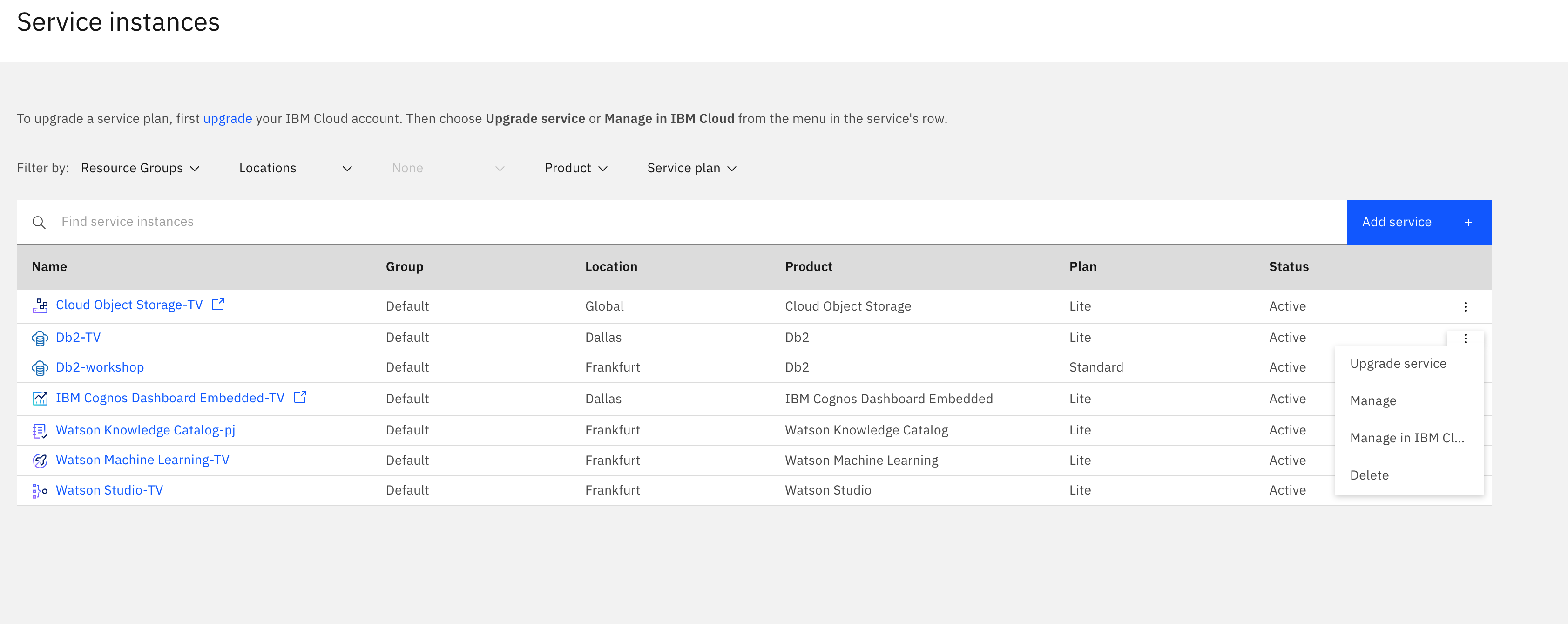
* From **menu/Services instances** check that you have **Db2 Lite** instance provisioned
* Start db2 by clicking on it
* Then **Go to IU**
* From **Data Part/Load Data** click on “***Drag a file here to browse files***” and upload train data set



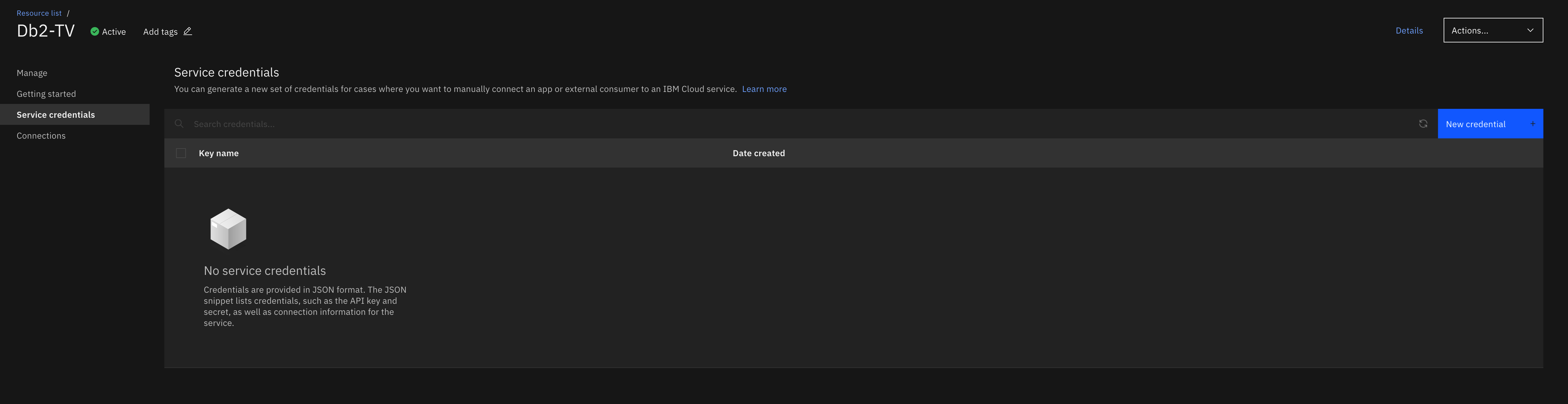
Within upload you will use the default Schema for data (within Lite version you are not able to create a new schema), but create a new table named **TITANIC\_TRAIN\_DATA**

1. Create credentials for db2 connection

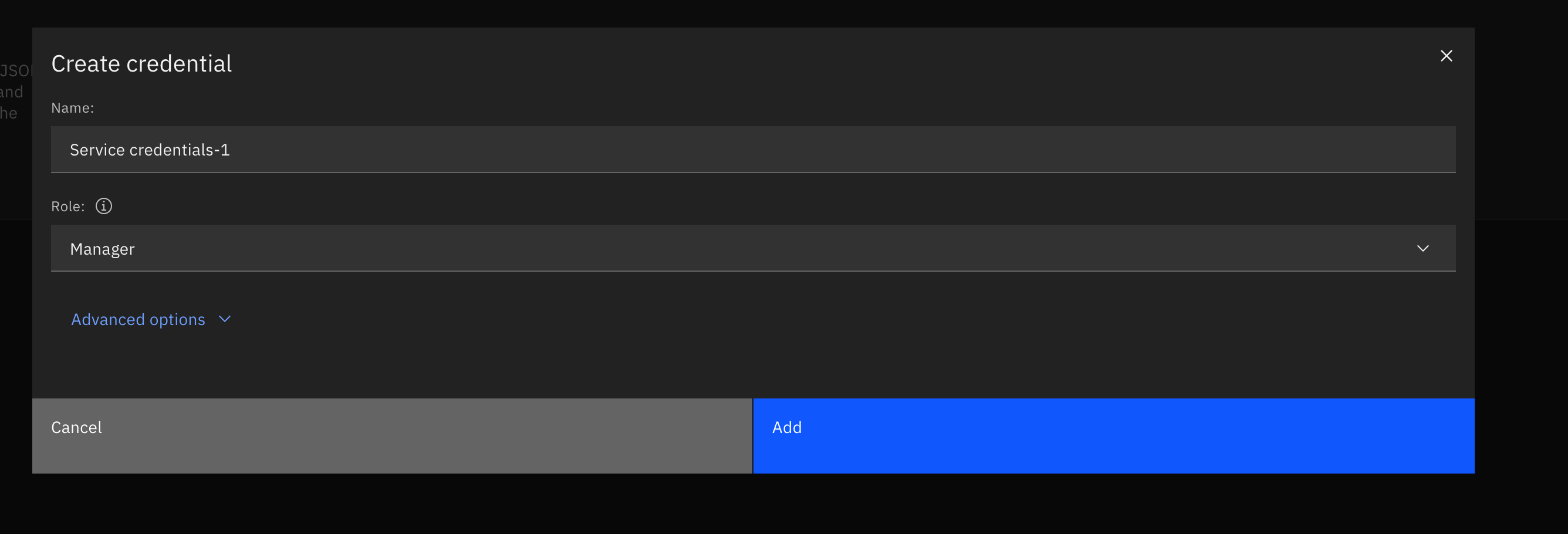
* Return to **Service instances**



* And by clicking on three dots on the right from DB2 instance select **Manage in IBM Cloud**
* From the left side menu select Service Credentials



* And on the right side click New Credential +
* Type in the Name of Credentials and select Manager role, click Add.

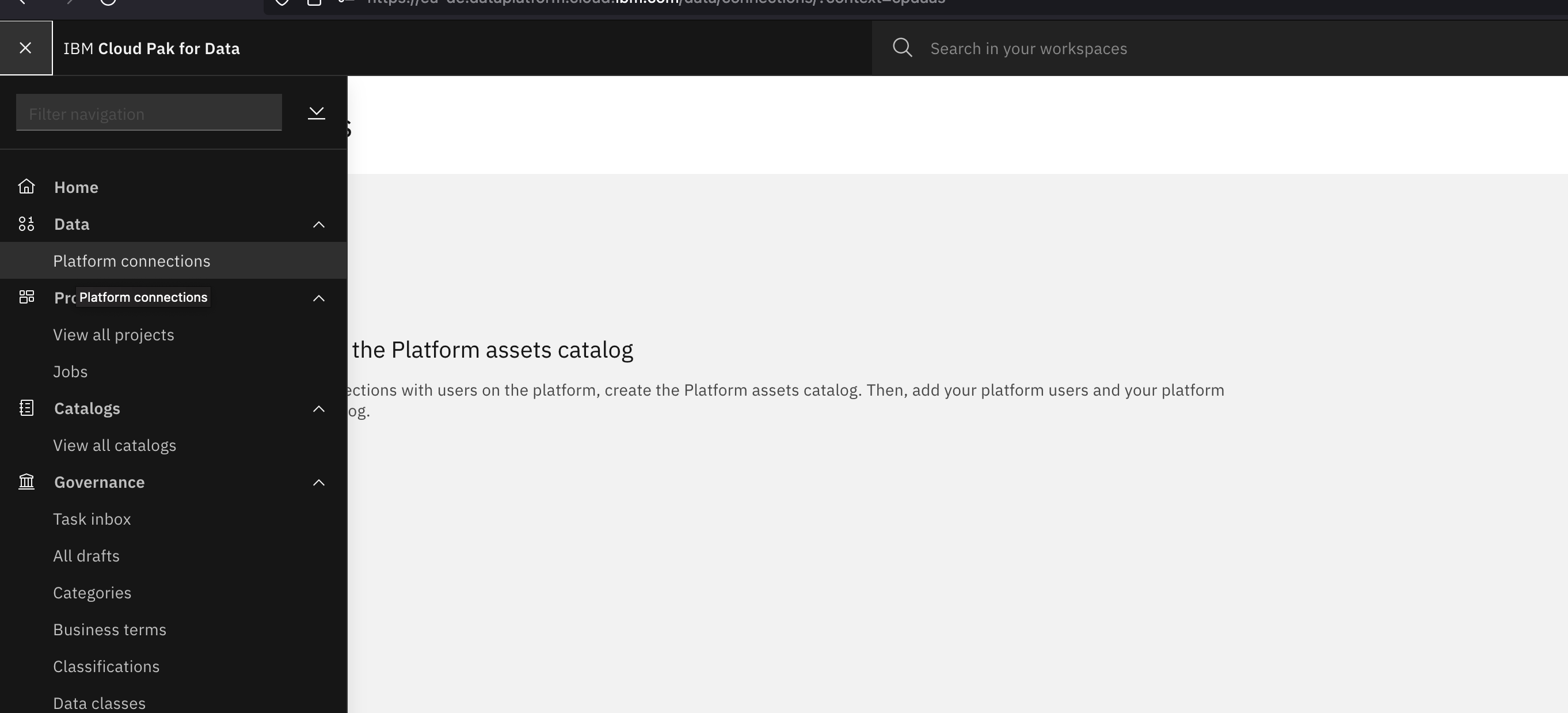


This will generate credentials for connection to db2, the most important are:

* Hostname
* Port
* Database (database name)
* Username
* Password

1. Connect to db2 via Platform Connections of Cloud Pak for Data

* Go to Platform connections from the main Cloud Pak for Data menu

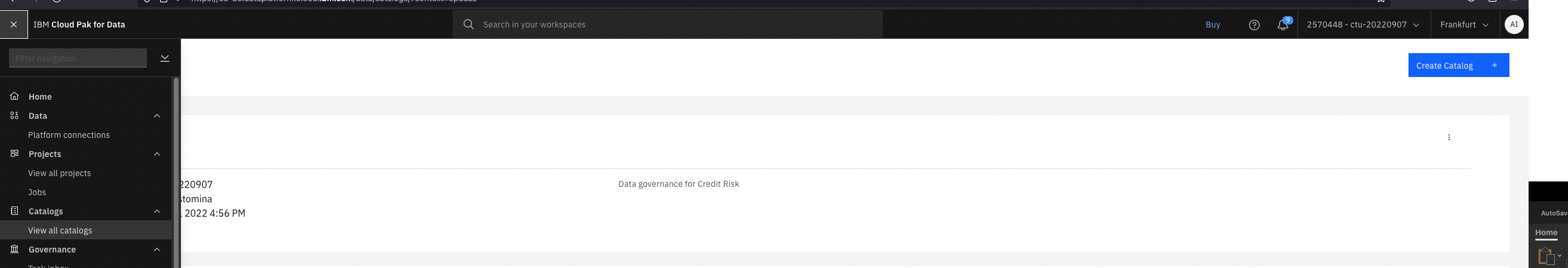


* It will ask you to create Platform assets catalog
* Click on Create catalog
* Select Overwrite original assets option and select Object Storage that you have initially created
* After that click in Create in the bottom right corner of the screen
* In the Access Control Tab that is opened by default after Platform assets catalog is created make sure that you are in the list of Collaborators
* Then from the Connections tab choose New connection +
* Select connection type, that is IBM Db2
* Fill in Text into Connection Name and Description
* Then add Connection details and Credentials from Service credentials created earlier, fill the box with Port is SSL-enabled
* After that test connection by choosing Test connection in the upper right corner of the screen
* After successful text Create by clicking on Create in the right down corner

1. Create a Catalog for Titanic data

We will create a catalog to share data across the whole account, with Lite version it is possible to create up to 2 Catalogs.

* From the Cloud Pak for Data navigation menu Navigation menu, choose Catalogs > View all catalogs.
* Click Create Catalog.
* For the Name, copy and paste the catalog name exactly as shown with no leading or trailing spaces: “Titanic Workshop Catalog”
* If prompted to associate the catalog to a Cloud Object Storage instance, select a Cloud Object Storage from the list.
* Select Enforce data policies, confirm the selection, and accept the defaults for the other fields.
* Click Create.



1. Add a category

* From the Cloud Pak for Data navigation menu Navigation menu, choose Governance > Categories.
* Click Add category > Import from file
* Add file
* Select glossary-organize-governance-titanic
* Select \* Replace all values and click Import
* And after successful import Close

It might take a few minutes for Categories to load

1. Add business terms

You will import business terms into a newly created Category **Titanic data**

* From the Cloud Pak for Data navigation menu, choose **Governance > Business terms.**
* Click Add business term > Import from file.
* Click Add file.
* Select the business-terms-titanic.csv file that you downloaded earlier.
* Click Open.
* Click Next.
* Select Replace all values, and click Import.
* Click Go to task to see the draft business terms. If you miss the notification, then from the Cloud Pak for Data as a Service navigation menu Navigation menu, choose Governance > Task inbox.
* Select the Publish business terms checkbox, and then click Publish. Click Publish to confirm.
* From the Cloud Pak for Data navigation menu Navigation menu, choose Governance > Business terms to the published business terms.

1. Create Titanic Project and add db2 connection to assets

* From the navigation menu > Projects > View all projects
* Click New project+
* Select Create an empty project
* Fill in Project name, Project description (not obligatory) and select Object Storage then click Create.
* Click the Assets tab to view the project's assets.
* From Assets click New asset, select Connection and there from tab From Platform select DB2 connection that you have created earlier, click Select and then Create