

ML Studio Hands-on Assessment Solution

Data Preparation

Go to **Azure Machine Learning** and create a ML Studio by clicking on create button and selecting **Create Workspace** option.

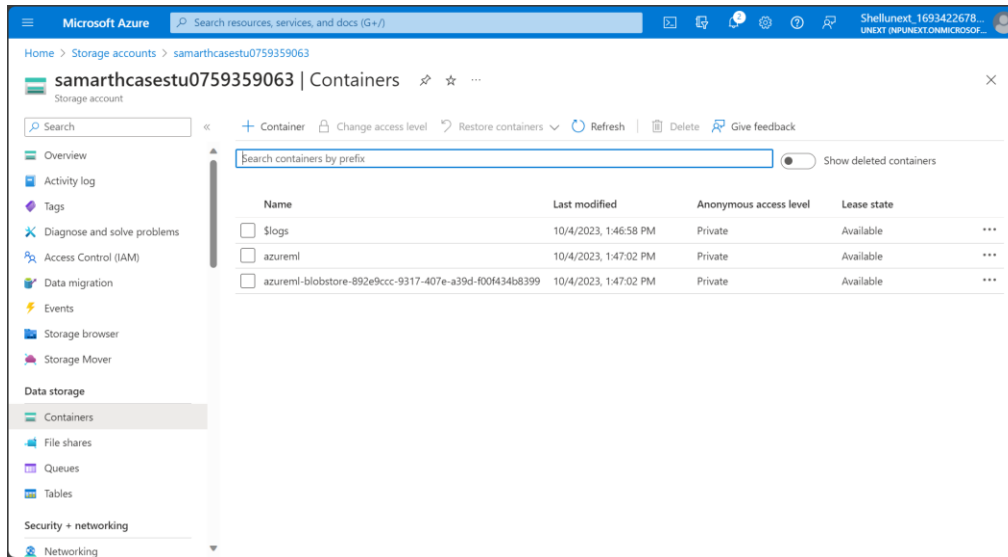
Create a resource group and select a name for the studio. A new storage account will automatically be created by the Azure once the name is typed.

Click on Review+Create button once all the fields have been filled in the Basic Section.

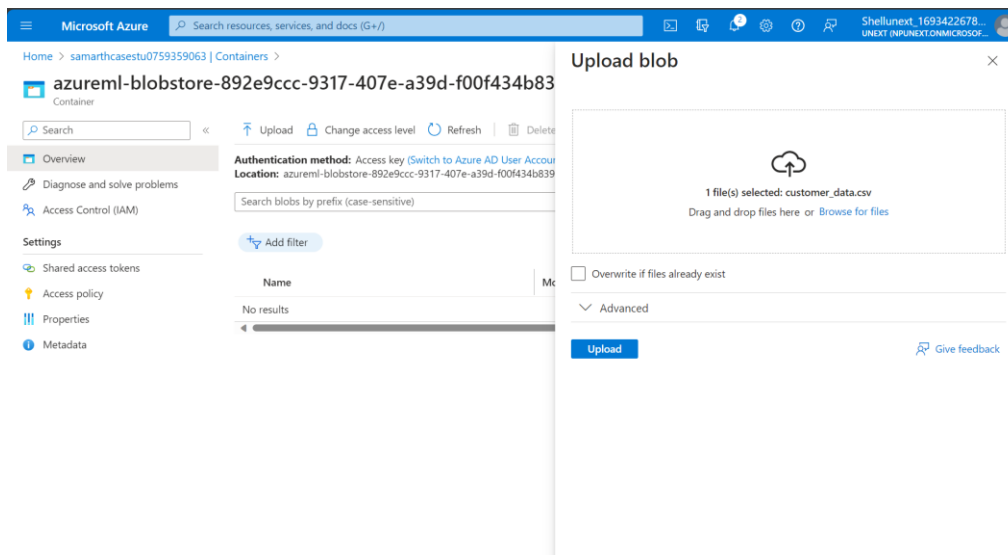
Once the deployment starts this page will be showed.

While the deployment is in the progress, go to the storage that was created while creating the ML Studio.

There go to containers, and select the appropriate storage container.

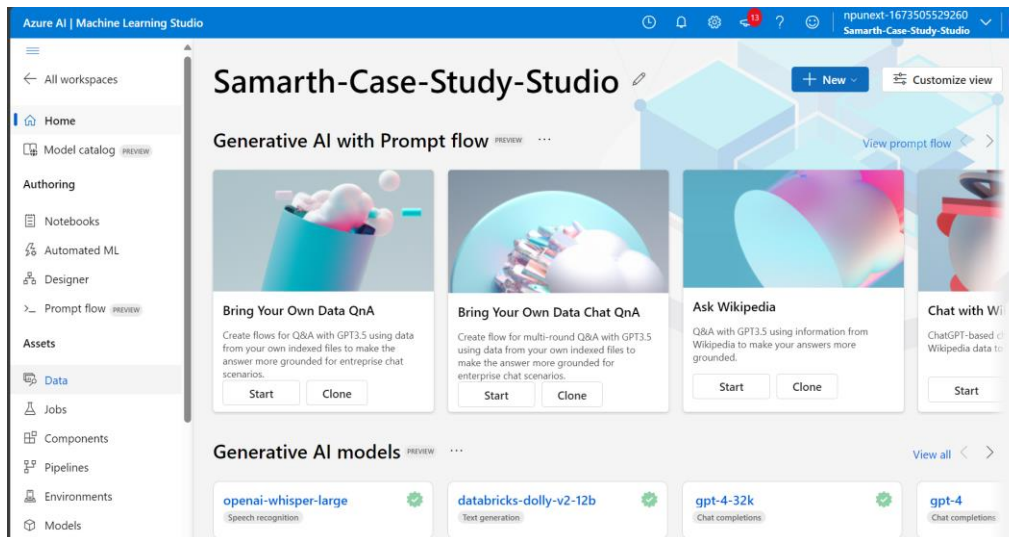


After that click on upload and upload the file from you system.



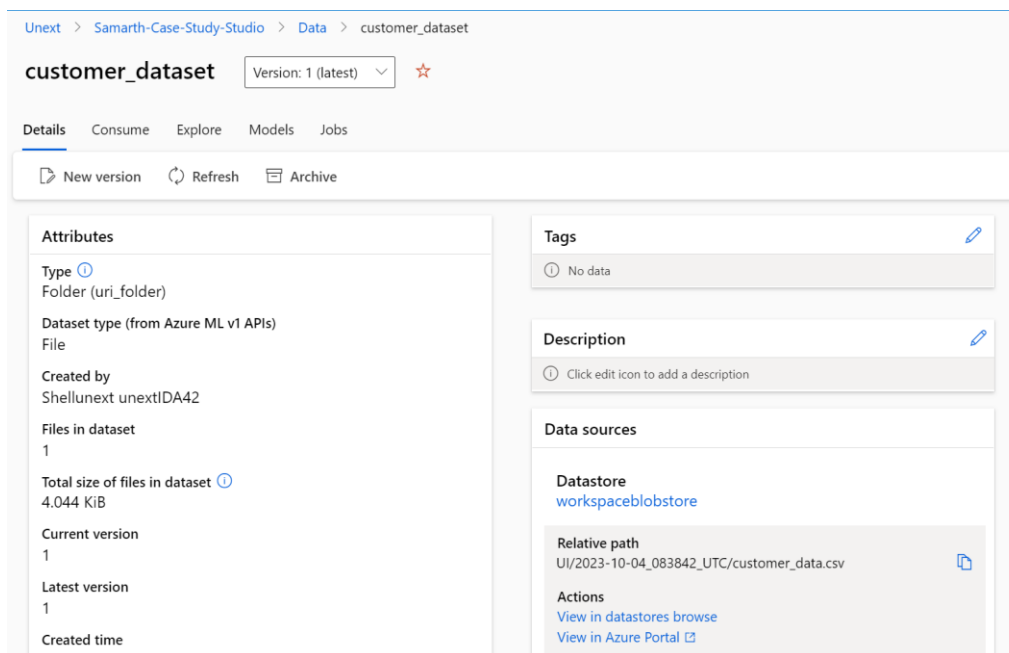
After the deployment of the studio, click on Go to Resource button, and Launch the Studio.

The studio will be opened in a new tab and the following screen will be visible.



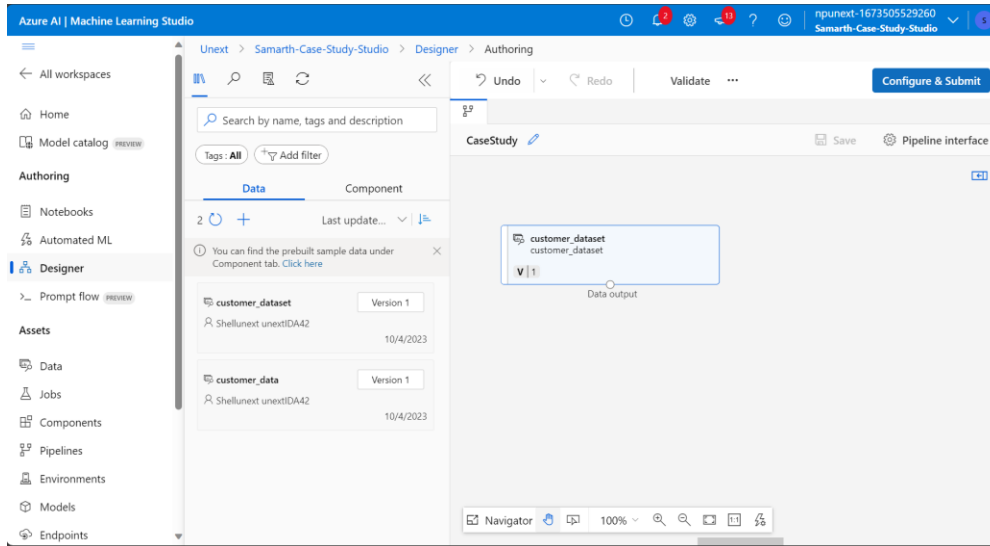
Go to the Data option and click on create button to open a modal to enter the information of the data and the csv file from the blob storage. Once the path has been selected and validated, Click on create and the data set would be developed.

If the uploading was successful, the following screen would be viewed.

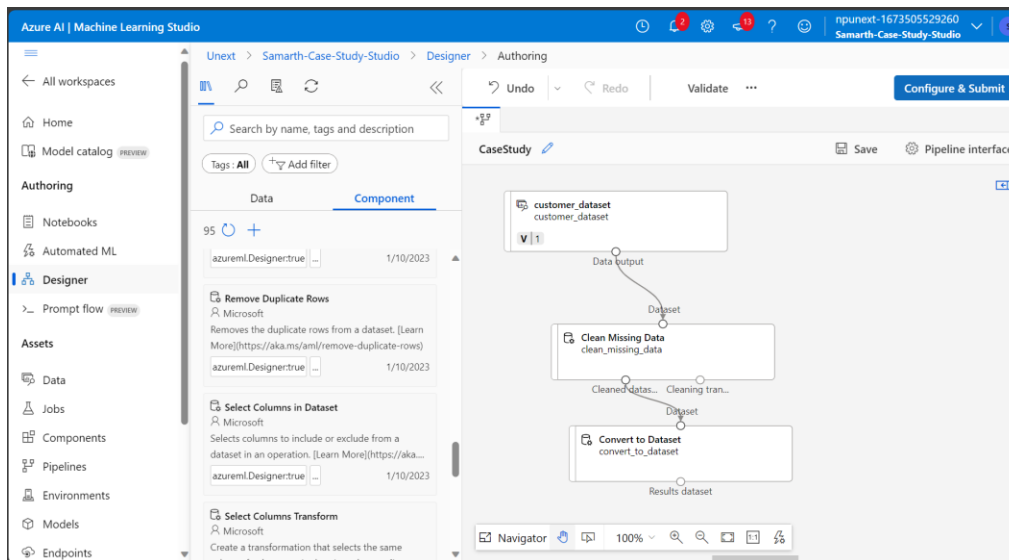


Click on the **Designer** tab to start applying transformations on the dataset.

Drag and drop the dataset



Clean the missing data using the component of the Designer.



Save the cleaned data into another dataset.

Model Development

To develop the model in the notebook we must first create a compute cluster. To do the same, go to **Compute** option and select the **compute cluster** tab.

Click on the **New** button, select the configuration as instructed and click on create. It will create a compute cluster which can be used to compute the code written in the notebook.