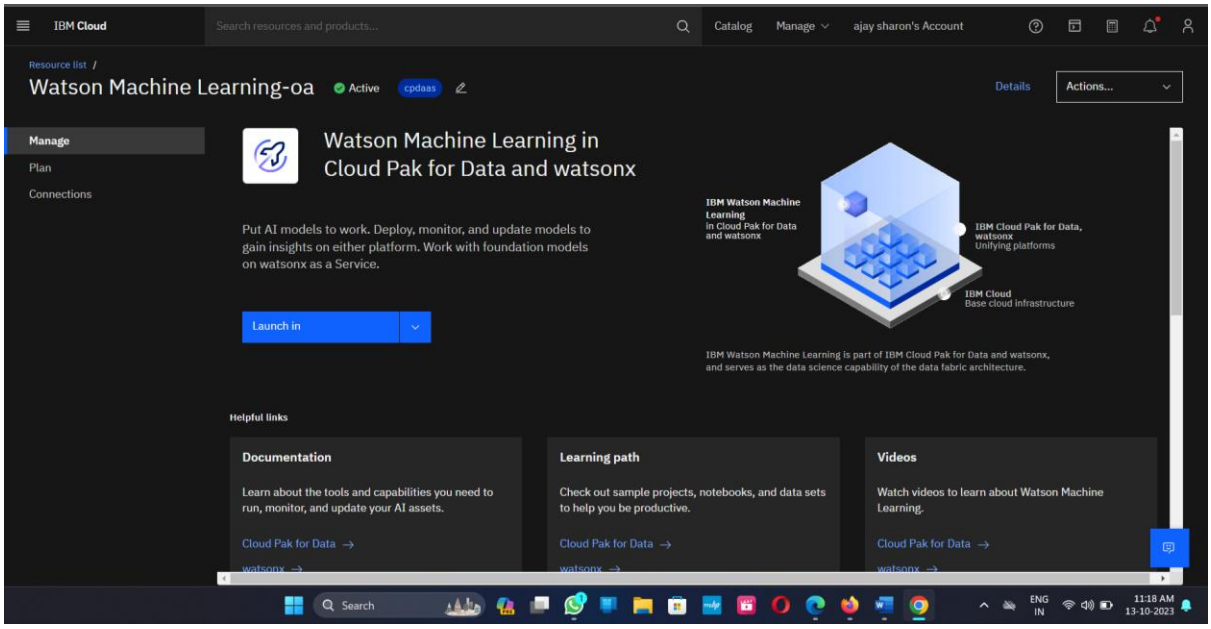
Project Title: Real-time Predictive Analytics with IBM Cloud Watson Studio

Phase 3: Development part 1

Step 1: log on to IBM cloud and launch in the Watson studio



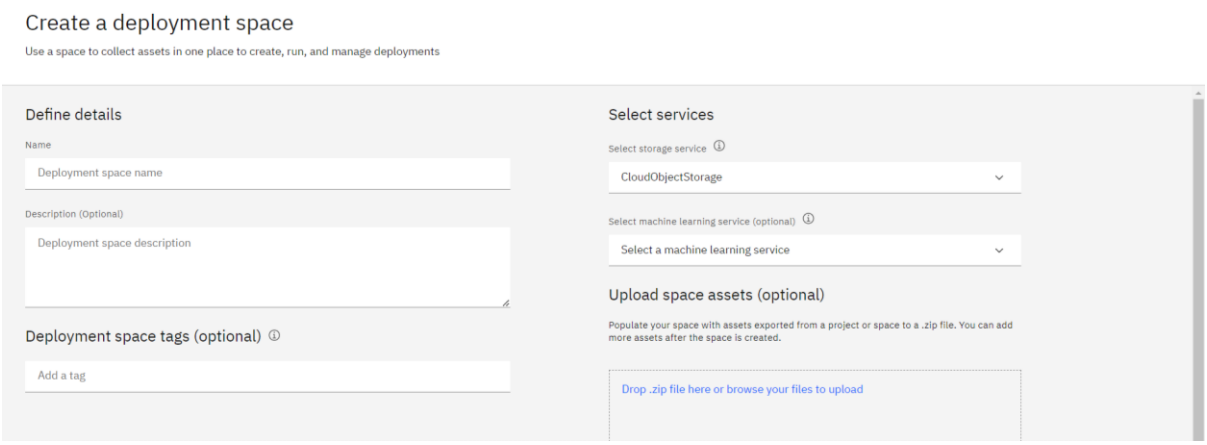
We have already created and developed a model for the customer churn analysis the next stage of the project is the deployment phase

Step2: create deployment space

For creating the deployment we have to create the deployment space for our model,the deployment space can be easily created using the ibm watsonx , it provides the deployment space,in this space we can deploy and test our trained model

To create the space we need to click the “NEW DEPLOYMENT SPACE” then fill in the necessary details

The example of the menu is given below:



Step3:add the model to deployment space

In this step we have to add the trained model for the deployment

It is very important that we have to select the machine learning deployment space for deploying our trained model for customer churn analysis

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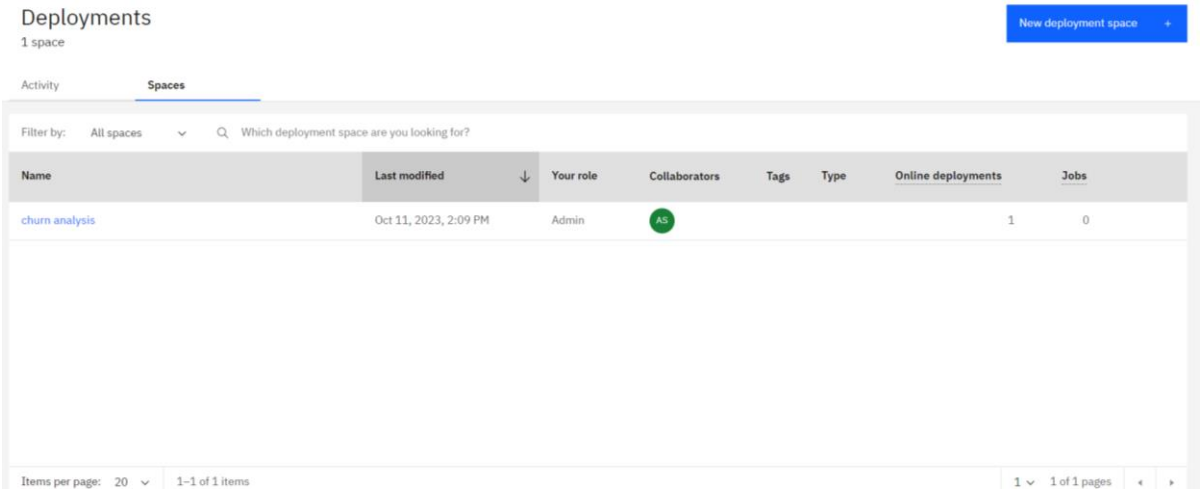
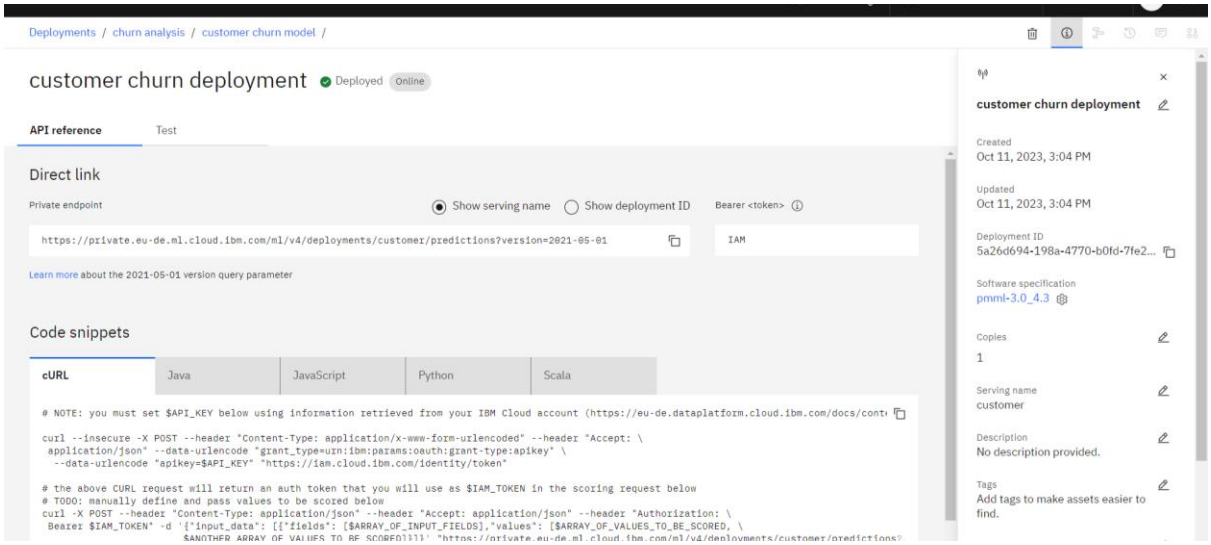


Now we have added our model to the deployment, its necessary because in this space only we can test our model and check whether our model is performing well otherwise we can make changes to model and have to re deploy it

Step4:deployment of model

In this step we have to select the deployment space and deploy our model, after the deployment the status will be shown as online

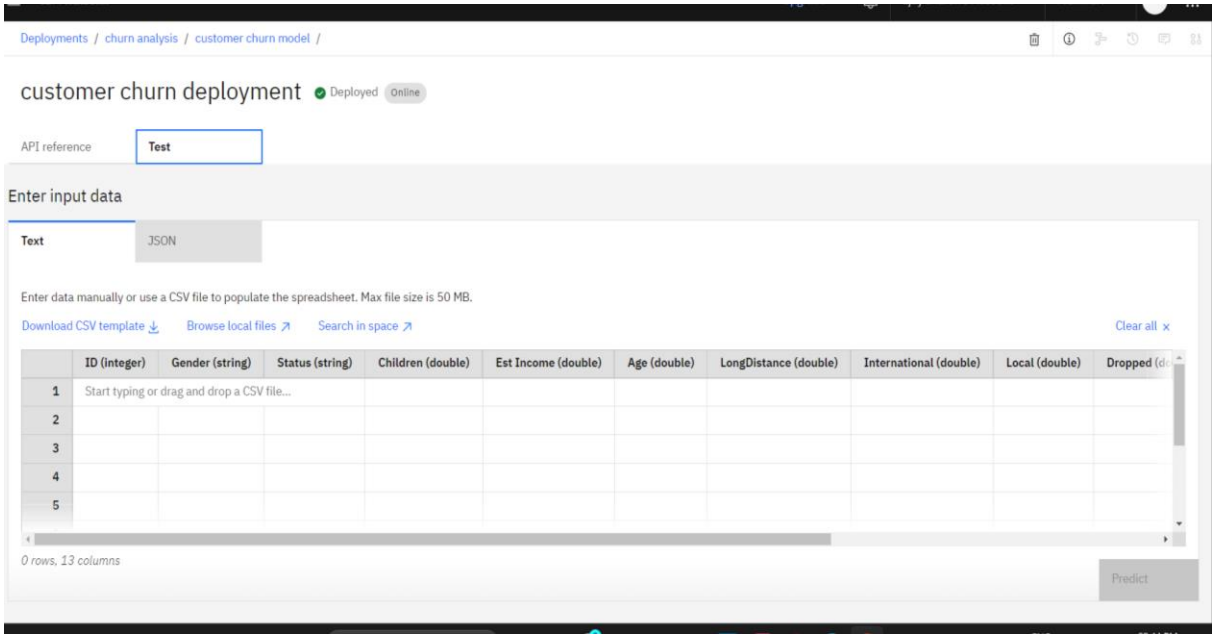


This is the deployment menu, now we just deployed our model for run and now we have to test our model using the appropriate dataset

Step 5: testing the model

For testing our model we have to go to test menu in the deployment area

In this testing area we can give input to our model and analyze the output of the model and we can make necessary changes to our model



After the testing we can analyze the model performance using the analysing tools