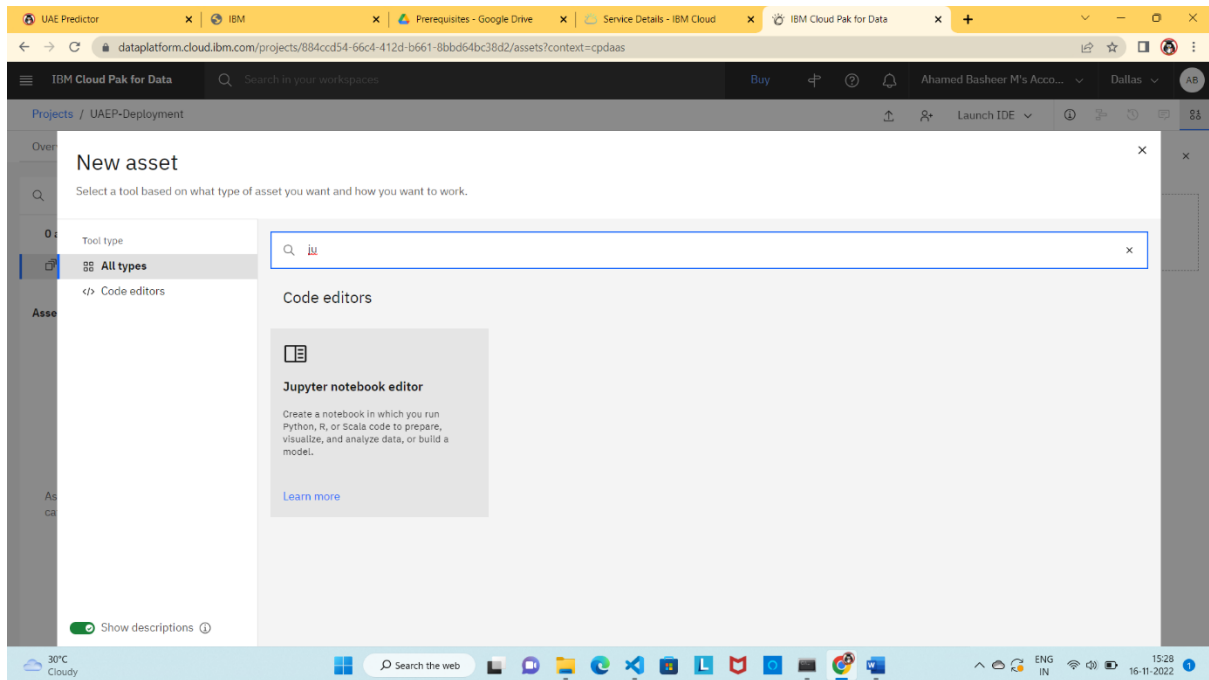


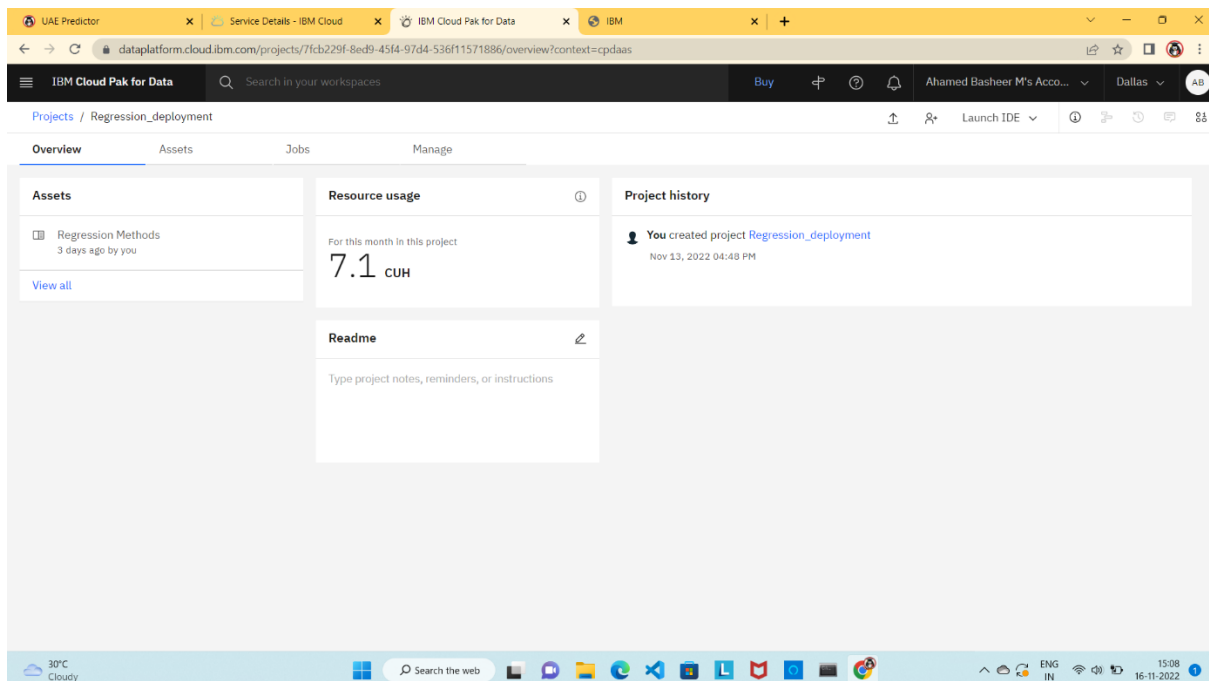
# DEPLOYMENT OF ML MODEL ON IBM WATSON STUDIO

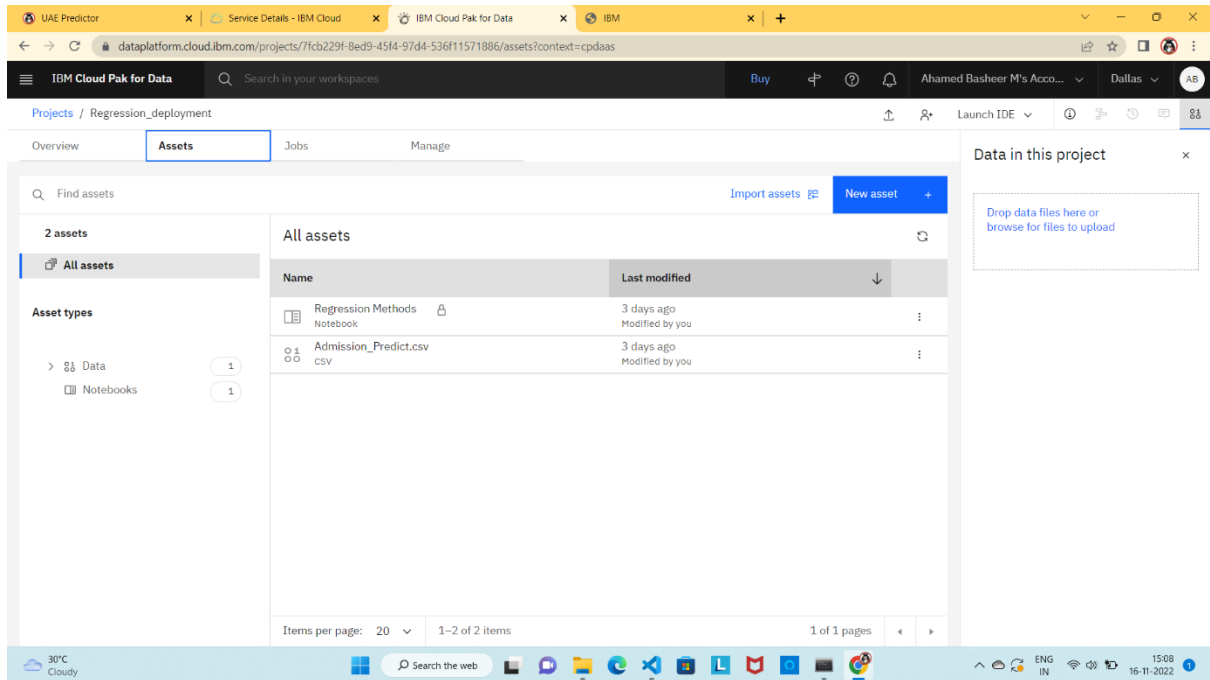
Team ID	PNT2022TMID27859
Project Name	University Admit Eligibility Predictor

## 1.Setting up Jupyter Notebook Editor :

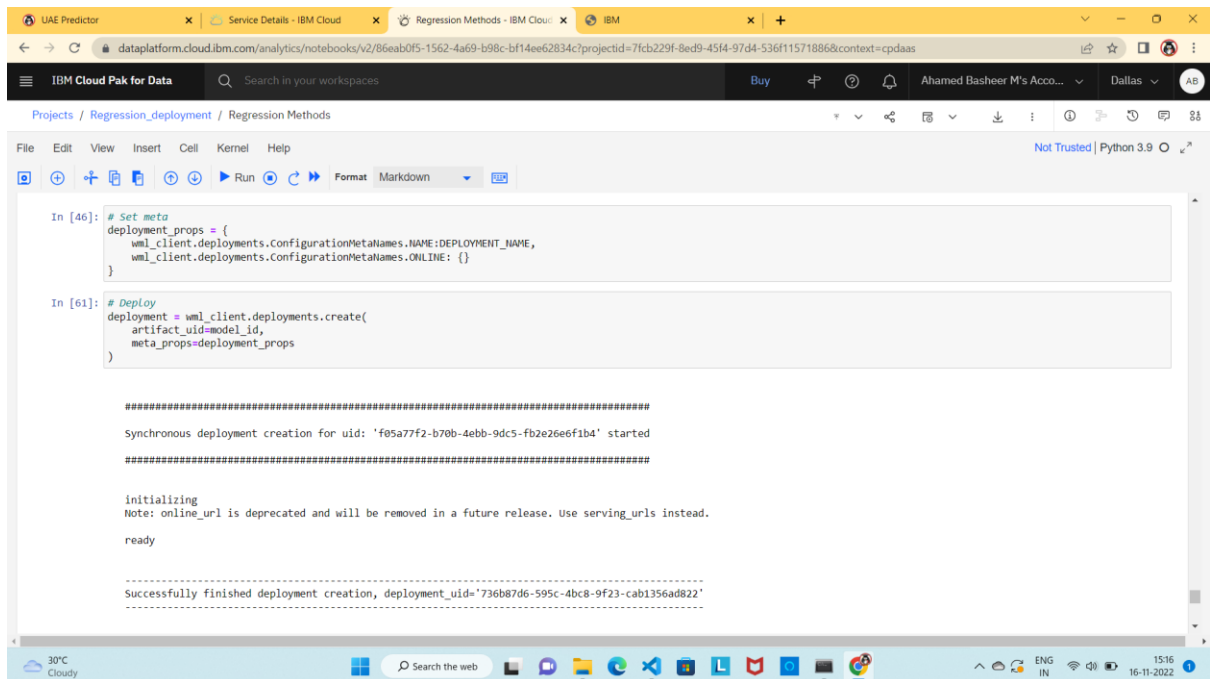


## 2.Assets :

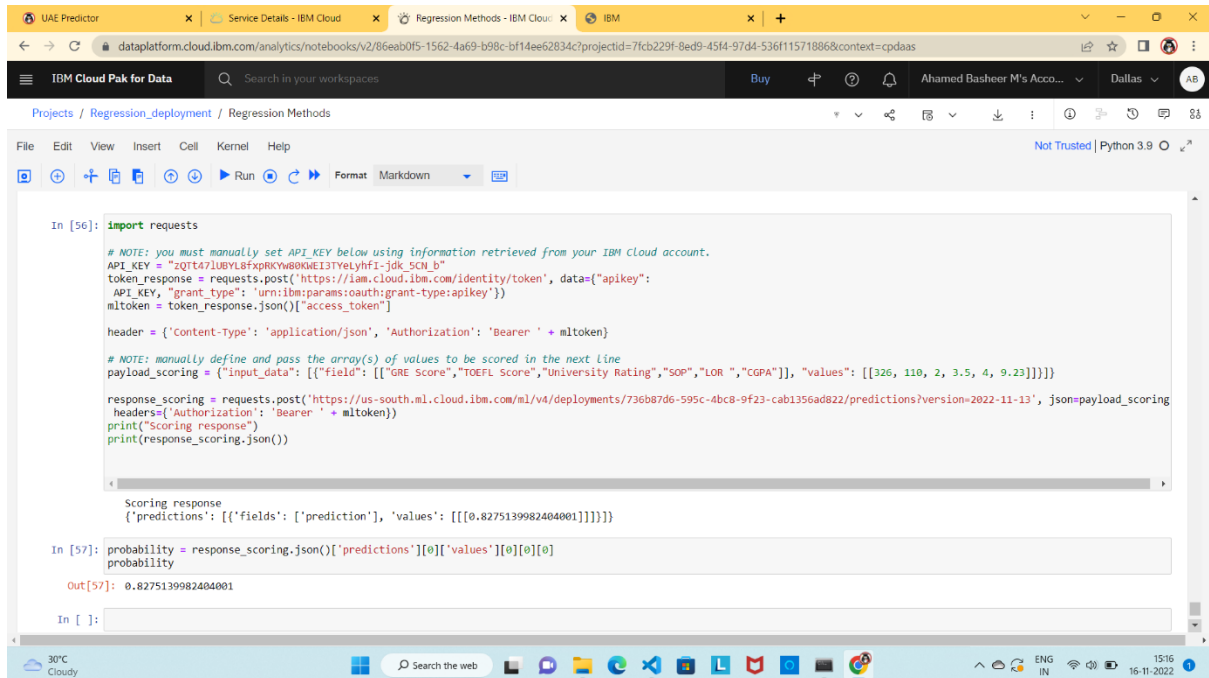




### 3.Deployment of ML model on IBM Watson Studio:



## 4. Testing the created model using the API key created for the deployed model:



```
In [56]: import requests

# NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
API_KEY = "2Q7t471UBYL8fxpR0Yw0KME13Tyelyhfi-jdk_SCH_b"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey":
    API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
mltoken = token_response.json()["access_token"]

header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}

# NOTE: manually define and pass the array(s) of values to be scored in the next line
payload_scoring = {"input_data": [{"field": ["GRE Score", "TOEFL Score", "University Rating", "SOP", "LOR ", "CGPA"], "values": [[326, 110, 2, 3.5, 4, 9.23]]}]

response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/736b87d6-595c-4bc8-9f23-cab1356ad822/predictions?version=2022-11-13', json=payload_scoring,
    headers={'Authorization': 'Bearer ' + mltoken})
print("Scoring response")
print(response_scoring.json())

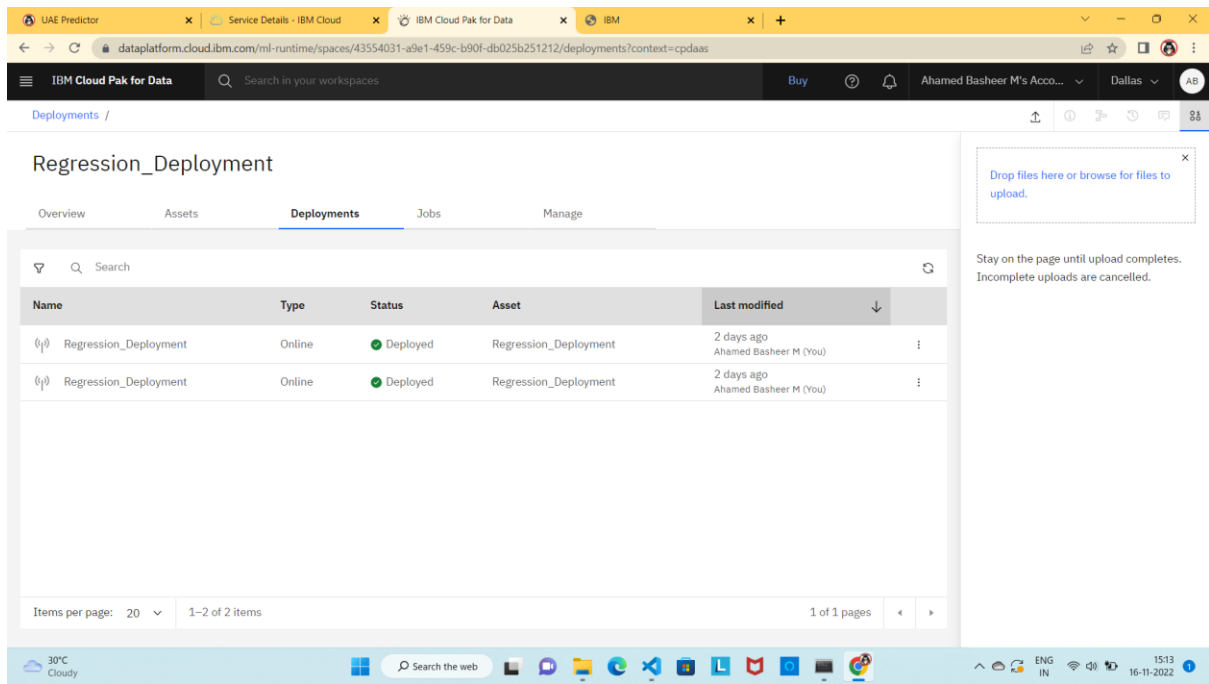
Scoring response
{'predictions': [{'fields': ['prediction'], 'values': [[[0.8275139982404001]]]]}]

In [57]: probability = response_scoring.json()['predictions'][0]['values'][0][0][0]
probability

Out[57]: 0.8275139982404001

In [ ]:
```

## 5. Deployments:



Regression_Deployment					
Overview	Assets	Deployments	Jobs	Manage	
Name	Type	Status	Asset	Last modified	
Regression_Deployment	Online	Deployed	Regression_Deployment	2 days ago Ahamed Basheer M (You)	
Regression_Deployment	Online	Deployed	Regression_Deployment	2 days ago Ahamed Basheer M (You)	