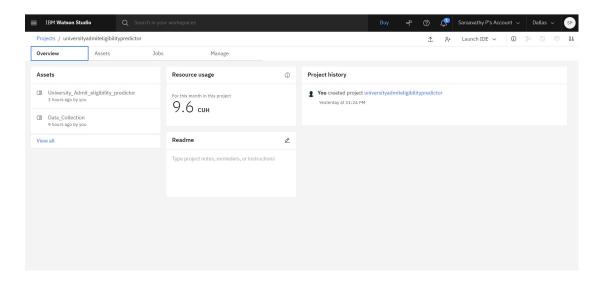
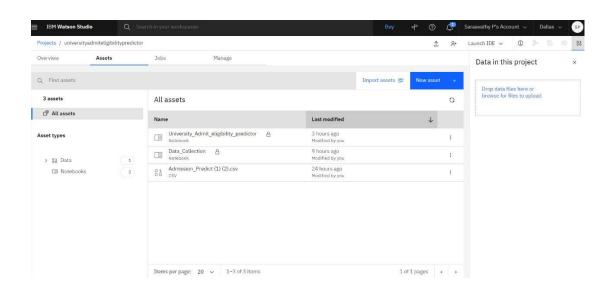
### TRAINING ML MODEL ON IBM WATSON

# Team ID- PNT2022TMID21016 Project- University Admit Eligibility Predictor

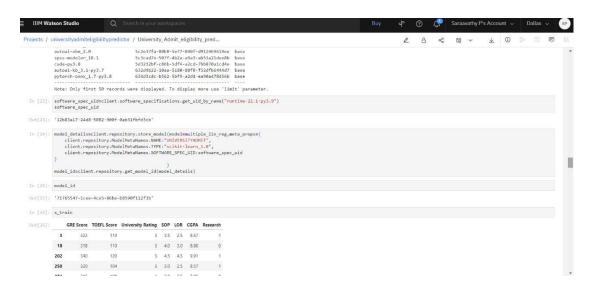
1. Setting up Watson studio for running Jupyter notebooks



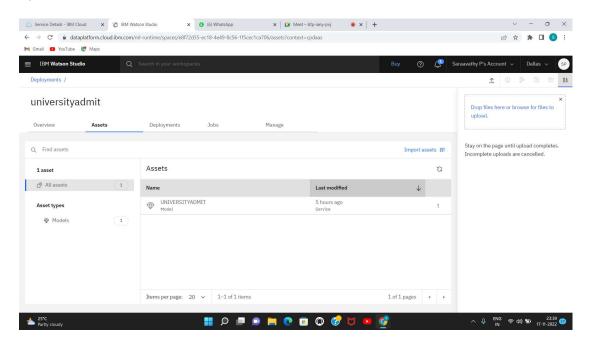
2. Training and saving the model in IBM Machine learning service

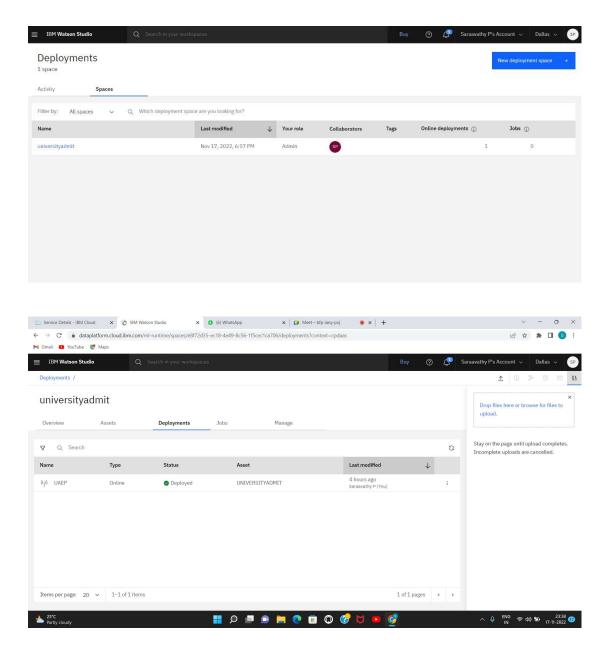


## 3) PERSISTING THE MULTIPLE LINEAR REGRESSION MODEL AND DEPLOYING IT IN IBM CLOUD



#### 4) ASSETS AND DEPLOYMENTS





### 5)Testing the created model using API created for the deployed model:

```
import requests
import json

# NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
API_KEY = ""
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","Research"]], "values": [[320,100,2,3]
response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/a5037cc3-64cd-410e-9acc-2bd9da728164/predictions?version=2022-
json-payload_scoring,headers={'Authorization': 'Bearer ' + mltoken})
print("Scoring response")
print("scoring responses")
print(response_scoring.json())
Scoring response
{'predictions': [{'fields': ['prediction'], 'values': [[[0.6588228761439119]]]}}}
```