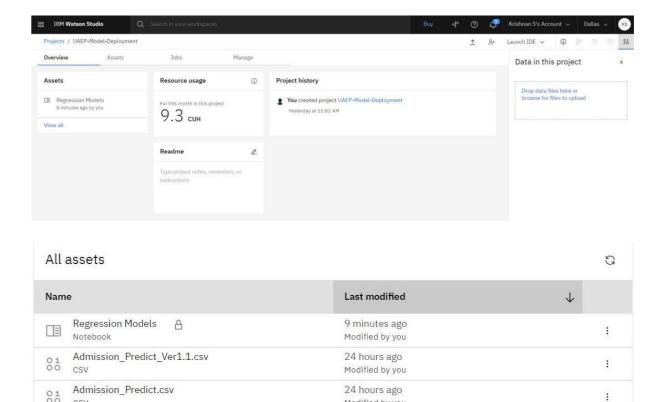
# **Training ML Model on IBM Watson**

**TEAM ID: PNT2022TMID20961** 

**PROJECT:** University Admit Eligibility Predictor

i) **Setting up Watson Studio for running Jupyter notebooks** 

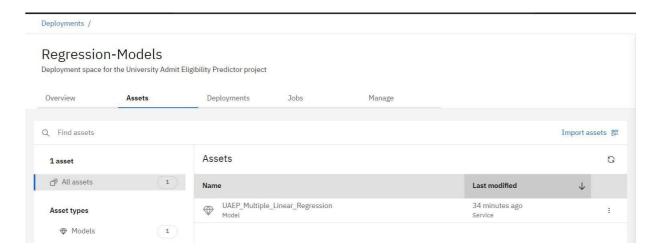


Modified by you

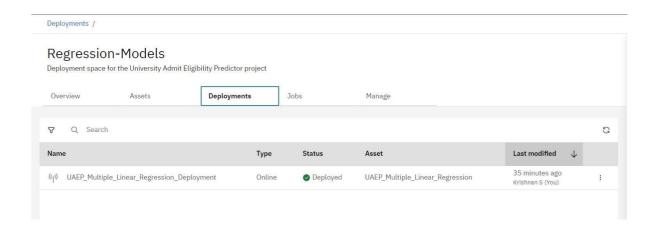
ii) Training and saving the model in IBM Watson Machine Learning Service

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

## Assets:



# **Deployments:**



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

```
import requests
# NOTE: you must manually set API_KEY below using information retrieved from your IBM cloud account.

API_KEY = "<\our-API_Key>"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey":
API_KEY, "grant_type": 'unribm: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": [[326, 110, 2, 3.5, 4, 9.23, 1]]}]}
 response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/uaep_deployment/predictions?version=2022-11-12', json=payload_scoring, headers={'Authorization': 'Bearer ' + mltoken})
print("scoring response")
print(response_scoring.json())
        Scoring response {'predictions': [{'fields': ['predictions'], 'values': [[[0.8448151378927107]]]}}}
```