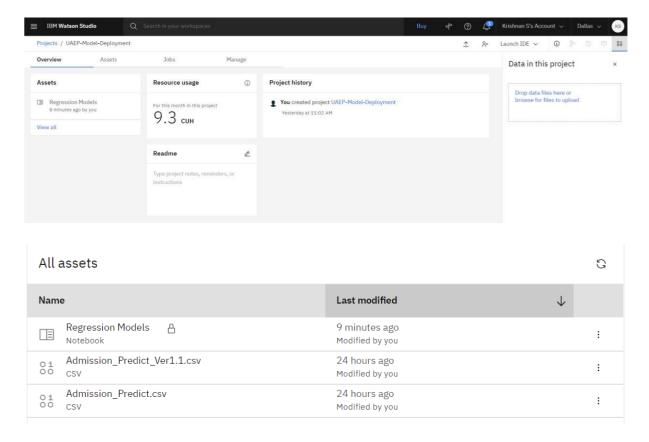
Training ML Model on IBM Watson

TEAM ID: PNT2022TMID26919

PROJECT: University Admit Eligibility Predictor

i) Setting up Watson Studio for running Jupyter notebooks



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

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

```
In [60]: #Set Python Version
    software_spec_uid = client.software_specifications.get_uid_by_name("runtime-22.1-py3.9")
    software_spec_uid

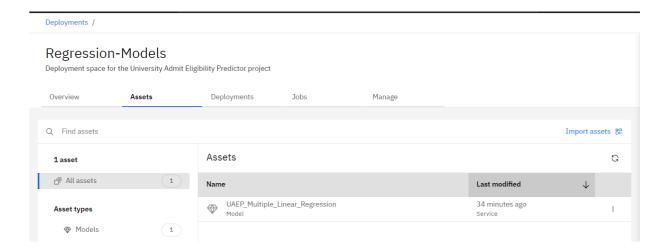
Out[60]: '12b83a17-24d8-5082-900f-0ab31fbfd3cb'

In [61]: model_details = client.repository.store_model(model = multiple_lin_reg, meta_props={
        client.repository.ModelMetaNames.NAME: "UAFP_Multiple_Linean_Regression",
        client.repository.ModelMetaNames.TYPE: "scikit-learn_1.0",
        client.repository.ModelMetaNames.SOFTWARE_SPEC_UID: software_spec_uid
    }
}
model_id = client.repository.get_model_id(model_details)

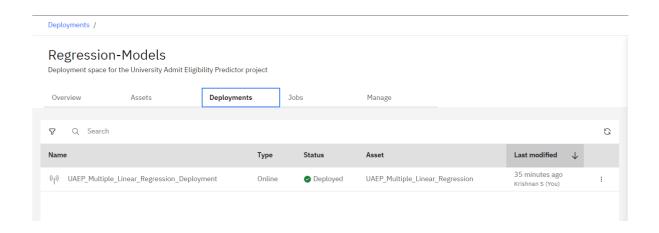
In [62]: model_id

Out[62]: '8083e827-e81f-40d1-84ab-20d511771869'
```

Assets:



Deployments:



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