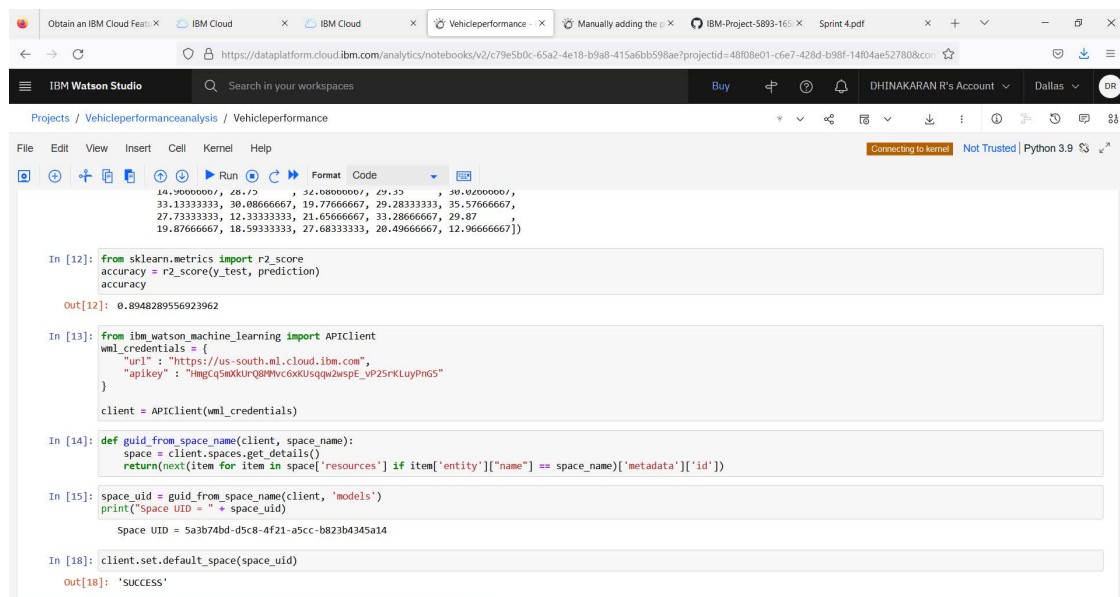


# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-4

DATE	10 November 2022
TEAM ID	PNT2022TMID15686
PROJECT NAME	Machine Learning based Vehicle Performance Analyzer
MAXIMUM MARK	4 Marks

- Training the model in IBM Cloud



The screenshot displays the IBM Watson Studio web interface. The browser address bar shows a URL from the IBM Cloud analytics platform. The interface includes a top navigation bar with the IBM Watson Studio logo and a search bar. Below this, a breadcrumb trail indicates the current project is 'Vehicleperformanceanalysis / Vehicleperformance'. The main workspace contains a Jupyter notebook with the following code:

```
In [12]: from sklearn.metrics import r2_score
accuracy = r2_score(y_test, prediction)

Out[12]: 0.8948289556923962

In [13]: from ibm_watson_machine_learning import APIClient
wml_credentials = {
    "url": "https://us-south.ml.cloud.ibm.com",
    "apikey": "HmgCq5a0kUq8M4vc6xKUsqqu2uspE_vP25rKluyPng5"
}
client = APIClient(wml_credentials)

In [14]: def guid_from_space_name(client, space_name):
    space = client.spaces.get_details()
    return(next(item for item in space['resources'] if item['entity']['name'] == space_name)['metadata']['id'])

In [15]: space_uid = guid_from_space_name(client, 'models')
print("Space UID = " + space_uid)

Space UID = 5a3b74bd-d5c8-4f21-a5cc-b823b4345a14

In [18]: client.set_default_space(space_uid)

Out[18]: 'SUCCESS'
```