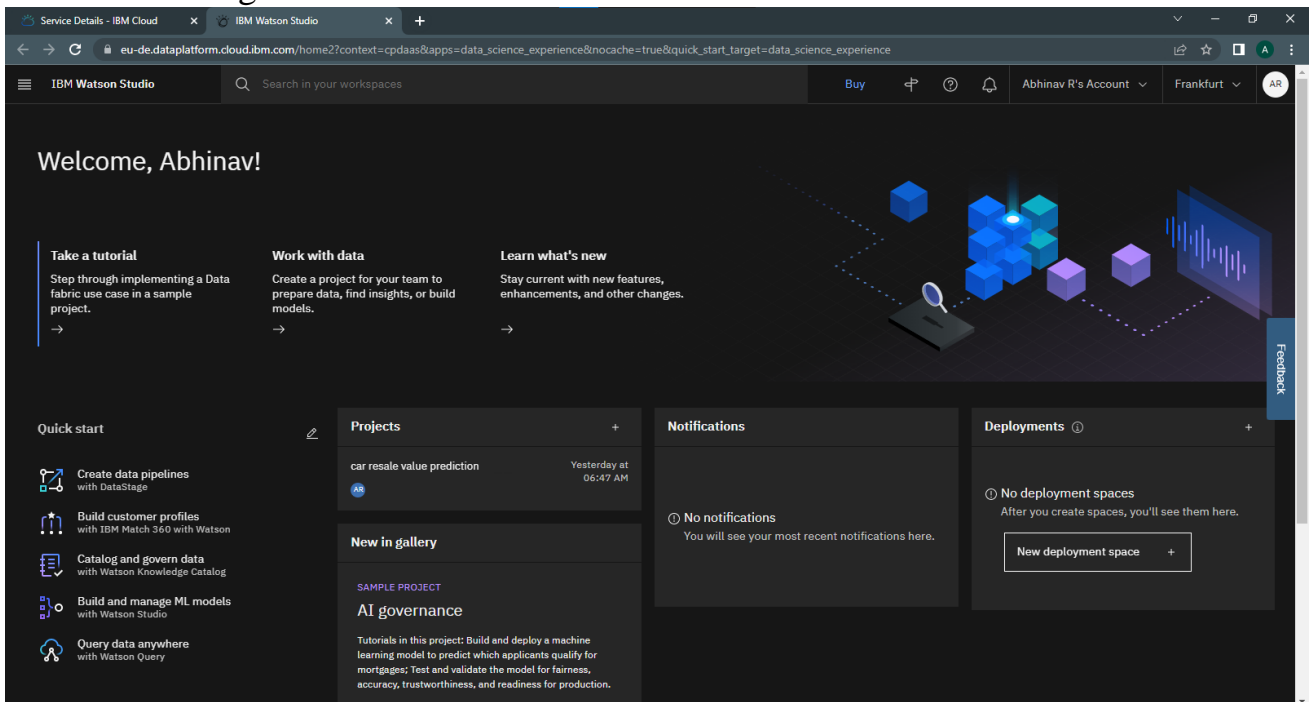


Train Model on IBM

1. Training the ML Model in IBM Watson Studio:



2. Model for Vehicle performance has been created using Jupyter Notebook.

```
Model Building - IBM Watson Studio
eu-de.dataplatform.cloud.ibm.com/analytics/notebooks/v2/0a3ebb8f-8c4c-48c8-bd53-fba20a3c2622?projectid=3e40df2c-a01b-4562-9fe5-0569c1c498ff&context=cpdaas

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In [1]: import pandas as pd
import numpy as np
import matplotlib as plt
from sklearn.preprocessing import LabelEncoder
import pickle

In [2]: import os, types
import pandas as pd
from botocore.client import Config
import ibm_boto3

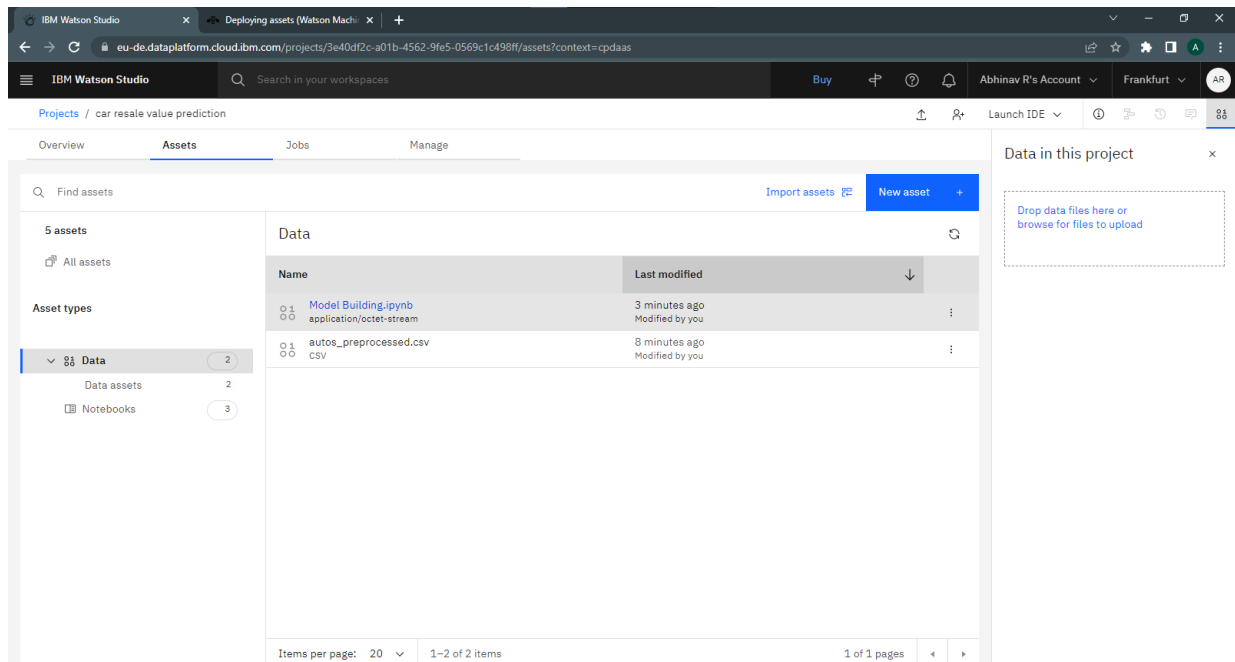
def __iter__(self): return 0

# @hidden_cell
# The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
# You might want to remove those credentials before you share the notebook.
cos_client = ibm_boto3.client(service_name='s3',
ibm_api_key_id='s0nj4nSV7YpdOX6GvszR8gLA6uWAtsg4Tcvl2M0s',
ibm_auth_endpoint='https://iam.cloud.ibm.com/oidc/token',
config=Config(signature_version='oauth'),
endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')

bucket = 'carresalevaluepredictiondeployment-donotdelete-pr-ryosh4pvhemjh'
object_key = 'autos_preprocessed.csv'

body = cos_client.get_object(Bucket=bucket, Key=object_key)['Body']
# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, '__iter__'): body.__iter__ = types.MethodType(__iter__, body)

df = pd.read_csv(body)
df.head()
```



Dataset: Autos_Preprocessed.csv

3. Model for Car Resale Model has been created using Jupyter Notebook and Deployed under “models” space.

