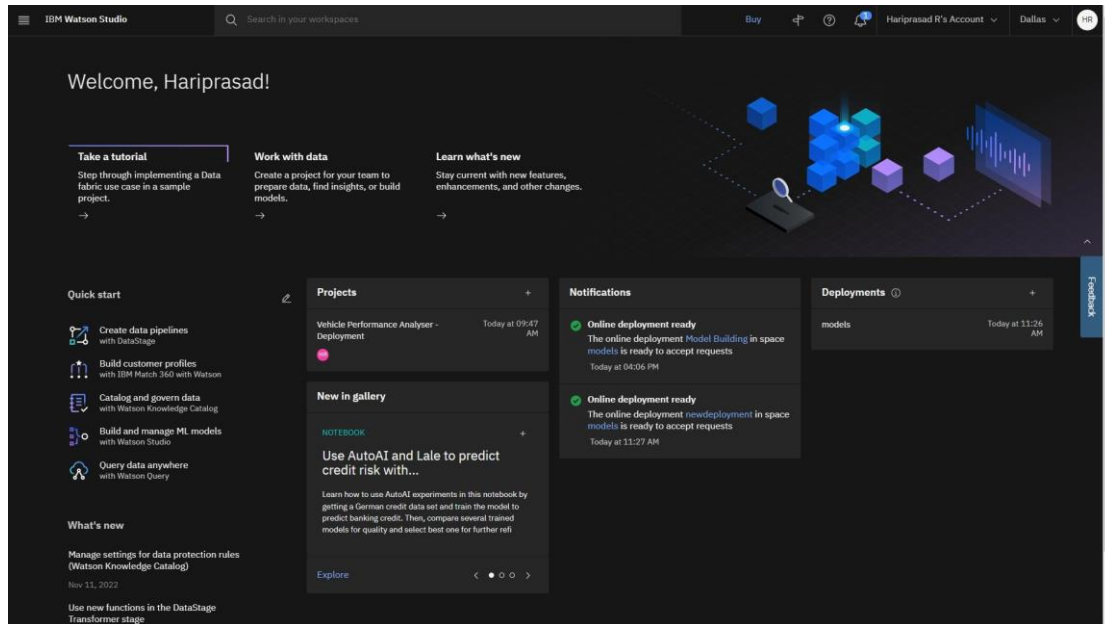


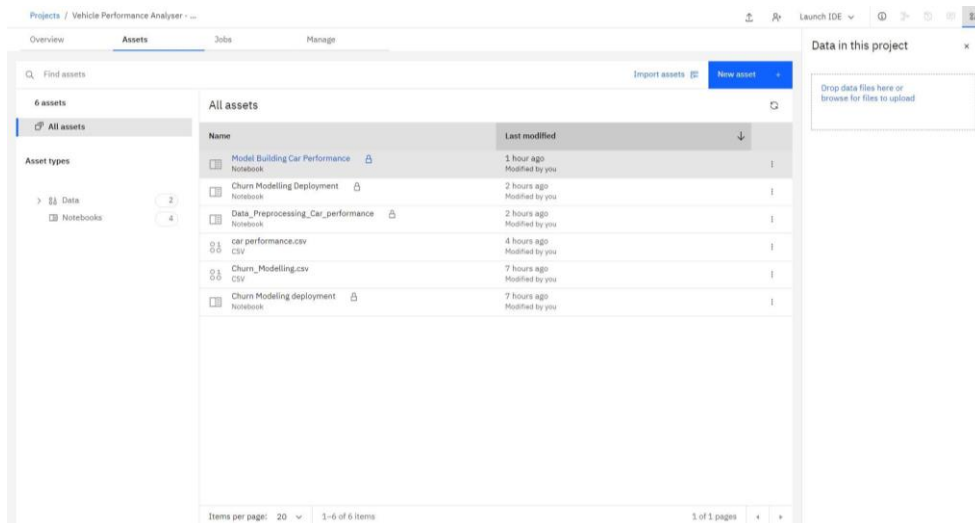
Train Model on IBM

Date	14 - November - 2022
Team ID	PNT2022TMID02392
Project Name	Machine Learning based Vehicle Performance Analyzer

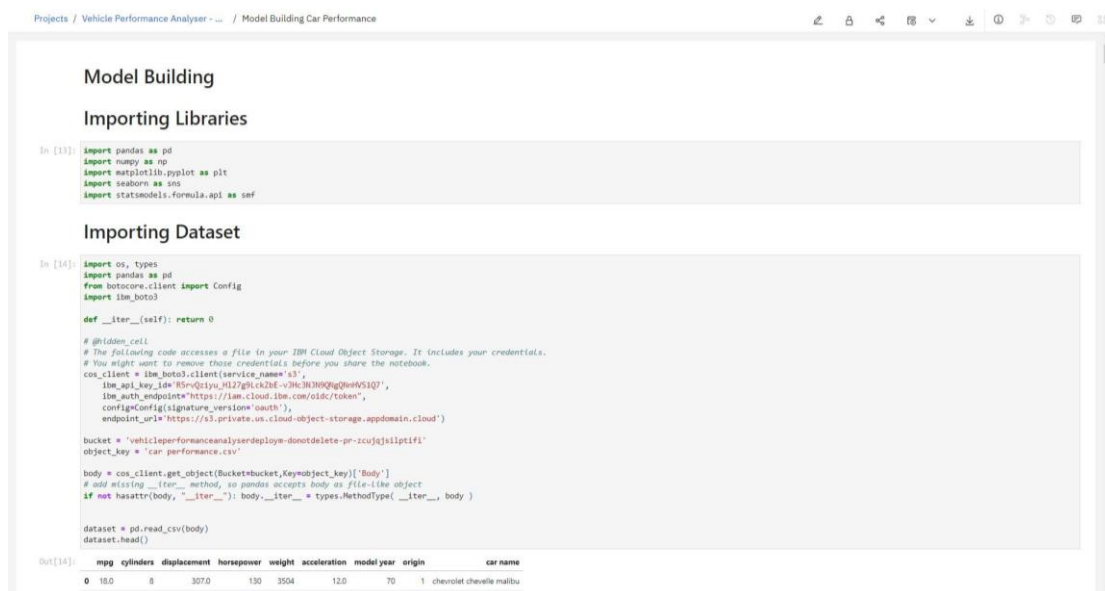
1. Training the ML Model in IBM Watson Studio:



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



Dataset: Car_performance.csv
Churn_Modeling.csv



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

Deployments /

models

Overview Assets Deployments Jobs Manage

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Name	Type	Status	Asset	Last modified
Model Building	Online	Deployed	Model Building	1 hour ago Hariprasad R (You)
newdeployment	Online	Deployed	Churn_modeling	5 hours ago Hariprasad R (You)

Items per page: 20 1-2 of 2 items 1 of 1 pages

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Deployments / models / Model Building /

Model Building Deployed Online

API reference Test

Direct link

Endpoint `https://us-south.ml.cloud.ibm.com/ml/v4/deployments/ef891212-38f4-47a7-be7f-73e1a42682e1/predictions?version=2022-11-14` IAM

Code snippets

cURL Java JavaScript **Python** Scala

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

headers = {'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": [{"fields": [array_of_input_fields], "values": [array_of_values_to_be_scored, another_array_of_values_to_be_scored]}]}]

response_scoring = requests.post("https://us-south.ml.cloud.ibm.com/ml/v4/deployments/ef891212-38f4-47a7-be7f-73e1a42682e1/predictions?version=2022-11-14
headers={'Authorization': 'Bearer ' + mltoken})
```

Model Building

Created
Nov 14, 2022, 4:06 PM

Updated
Nov 14, 2022, 4:06 PM

Deployment ID
ef891212-38f4-47a7-be7f-73e...

Software specification
runtime-22.1-py3.9

Copies
1

Serving name
No serving name.

Description
No description provided.

Tags
Add tags to make assets easier to find.

Associated asset
Model Building
d4aa5e82-5194-4c38-9eef-6b...

Model ID
d4aa5e82-5194-4c38-9eef-6b...