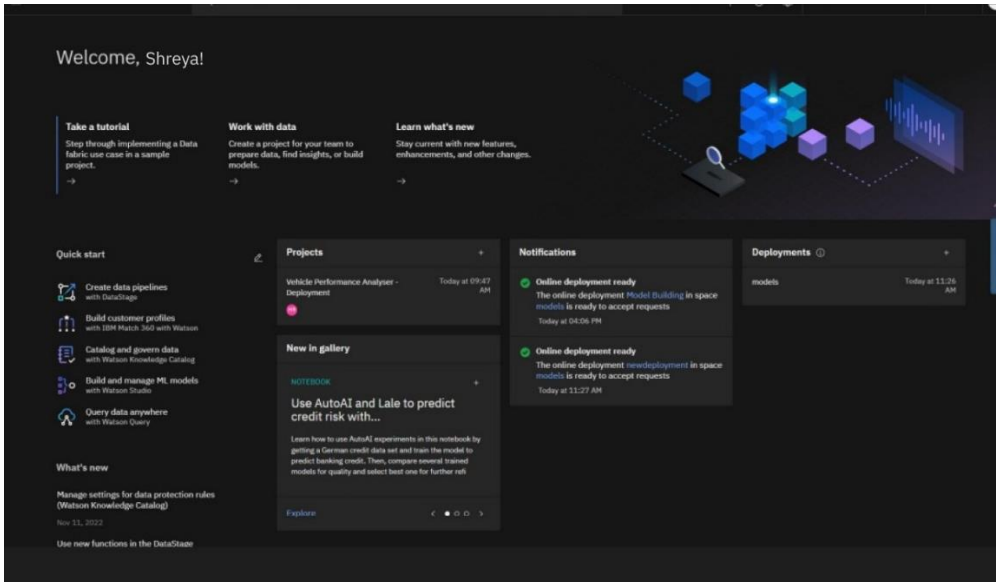
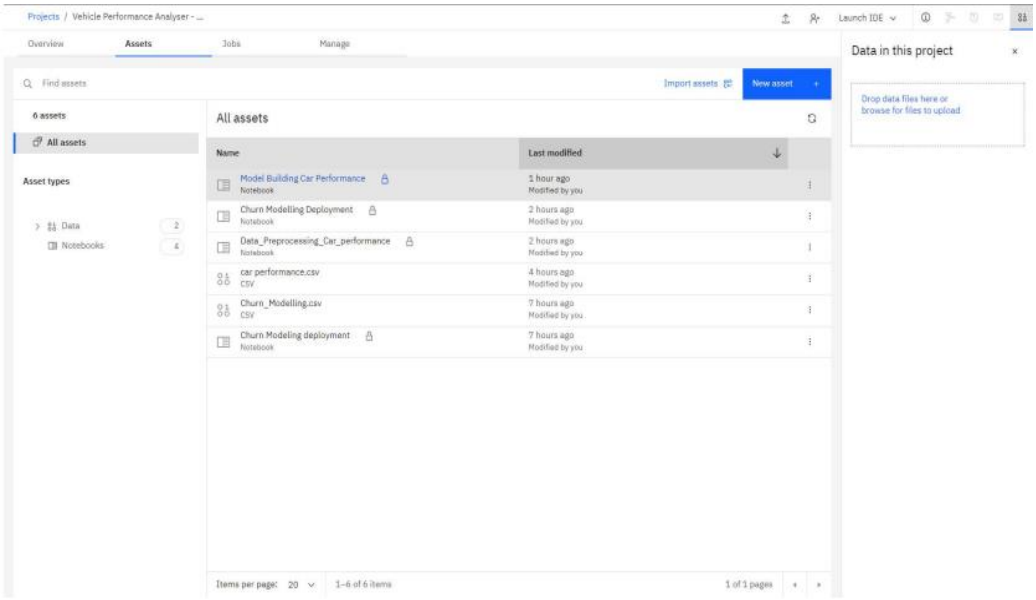
Train Model on IBM

Date	14.11.2022
Team ID	PNT2022TMID00551
Project Name	Machine Learning based Vehicle Performance Analyzer

1.Training the ML Model in IBM Watson Studio:

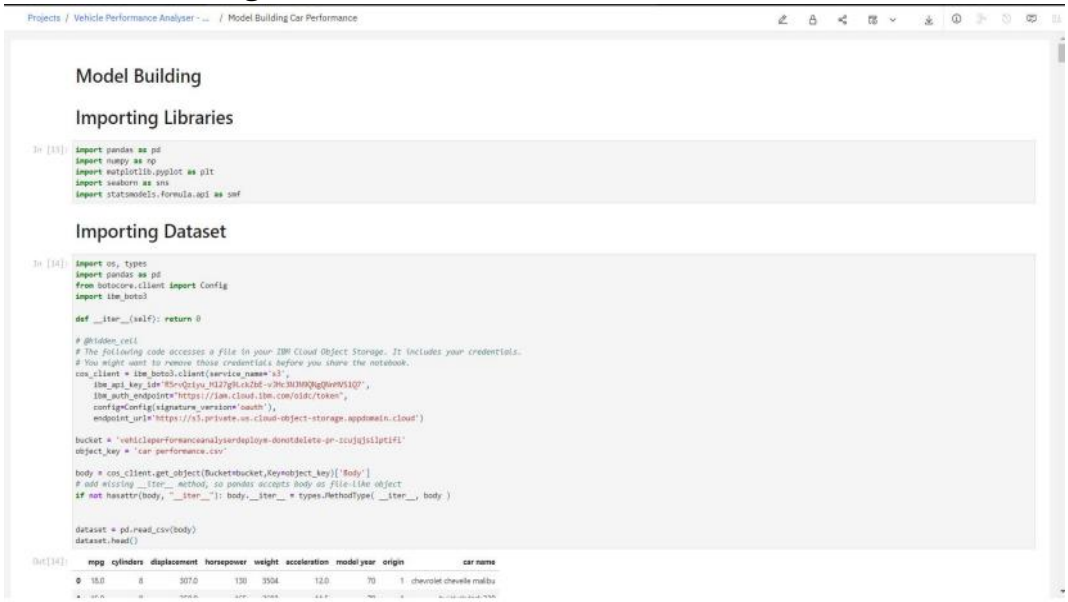


2. Model for Vehicle performance has been created using Jupyter Notebook.

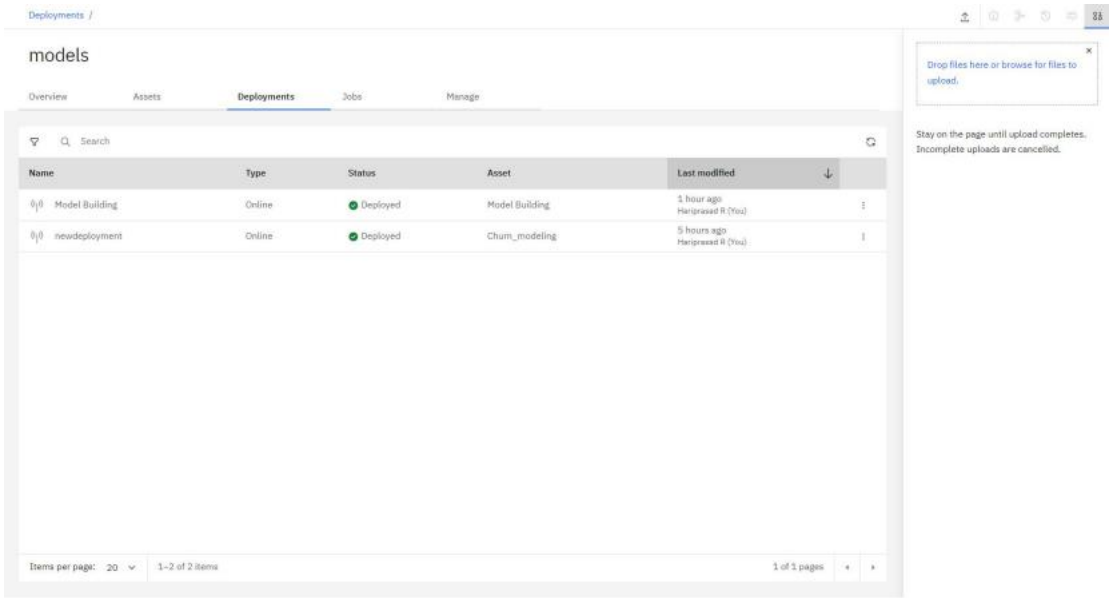


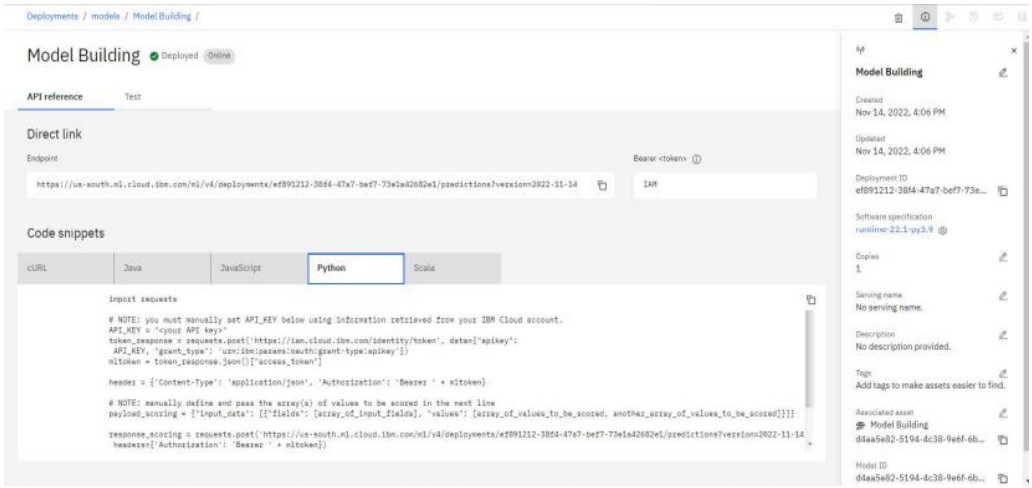
Dataset: Car_performance.csv

Churn_Modeling.csv



3. Model for Vehicle performance has been created using Jupyter Notebook and Deployed




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-bef7-73e1a42682e1/predictions?version=2022-11-14
Bearer <token>
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"]
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": [{"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-bef7-73e1a42682e1/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-bef7-73e...
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
d4aa5e82-5194-4c38-9e6f-6b...
Model ID
d4aa5e82-5194-4c38-9e6f-6b...