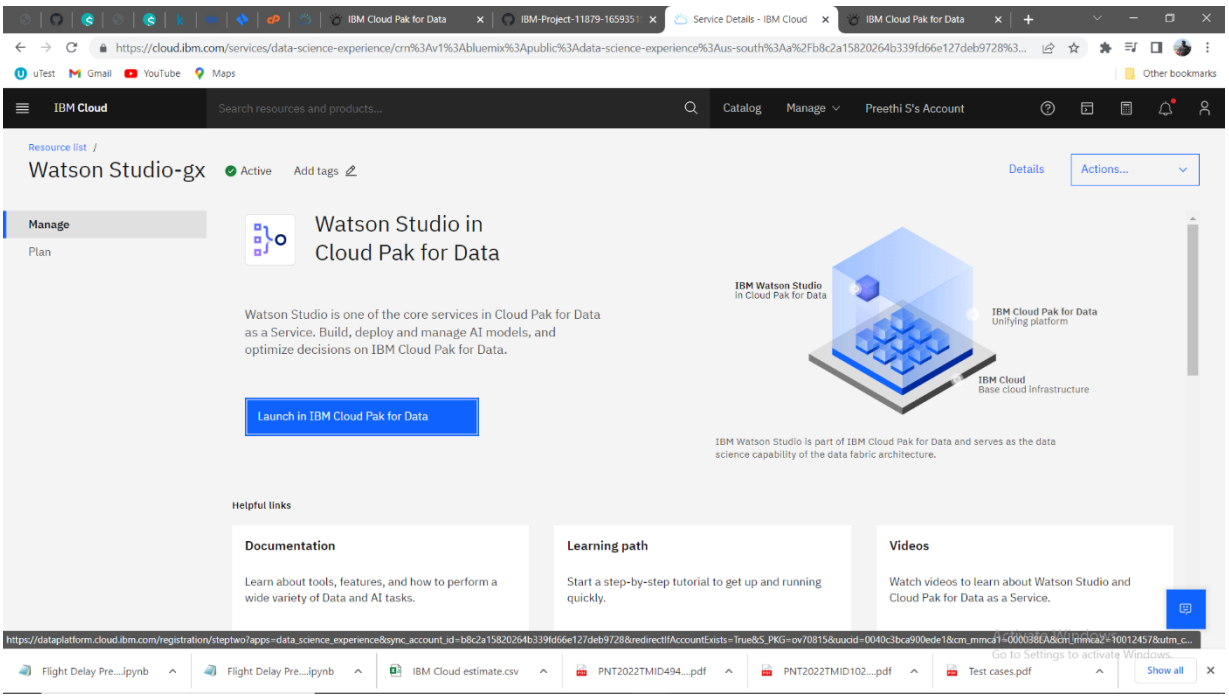
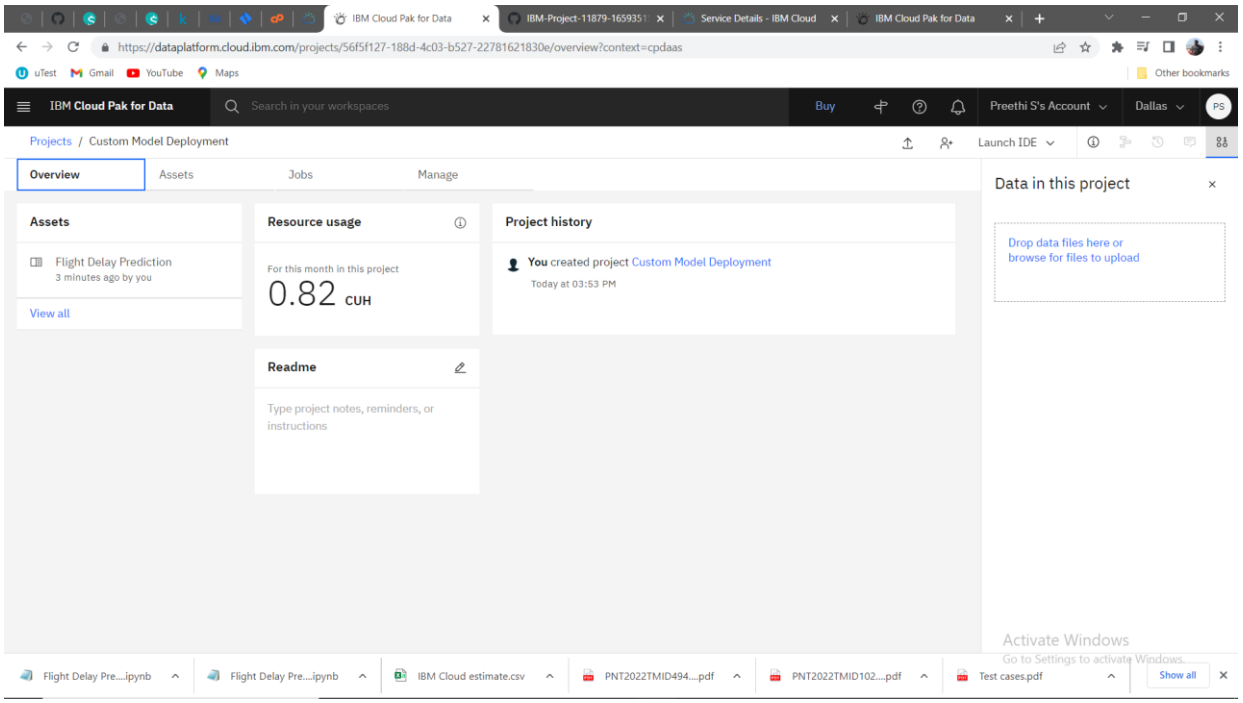
PROJECT DEVELOPMENT PHASE

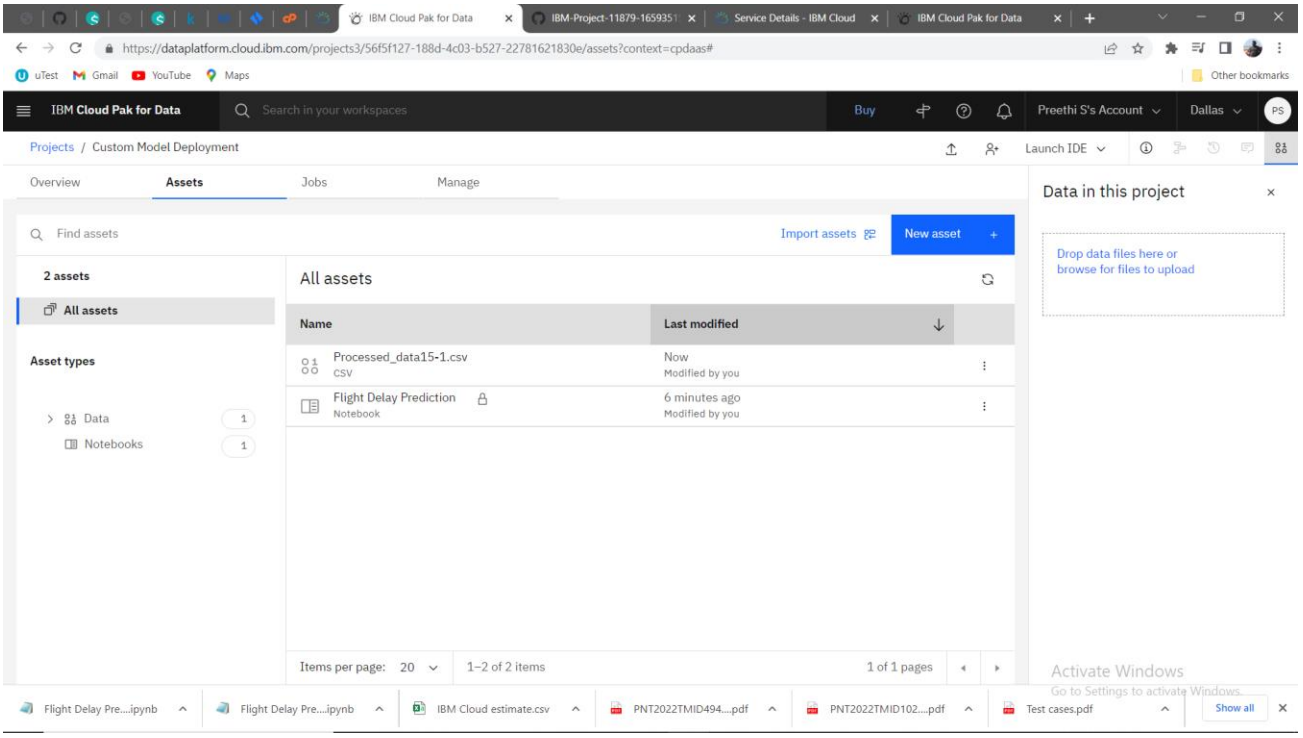
SPRINT-3

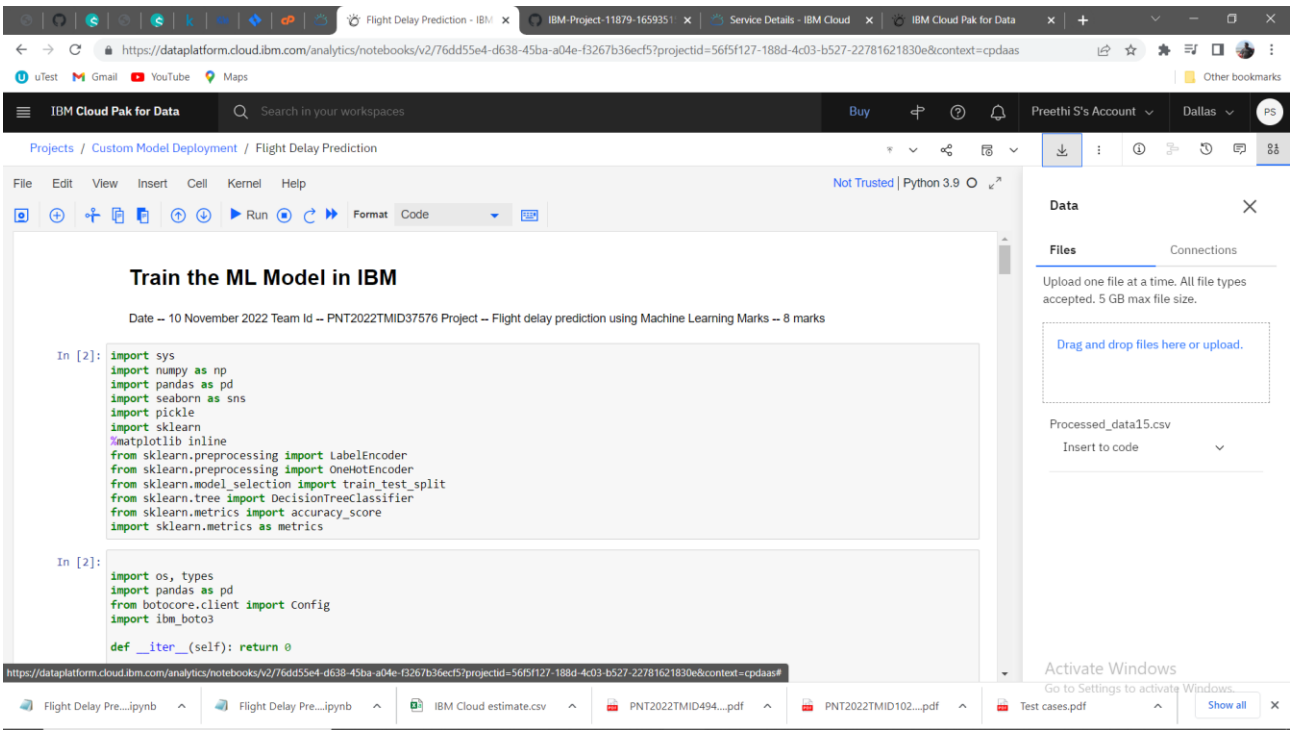
Date	10 November 2022
Team ID	PNT2022TMID37576
Project Name	Developing a Flight Delay Model Using Machine Learning

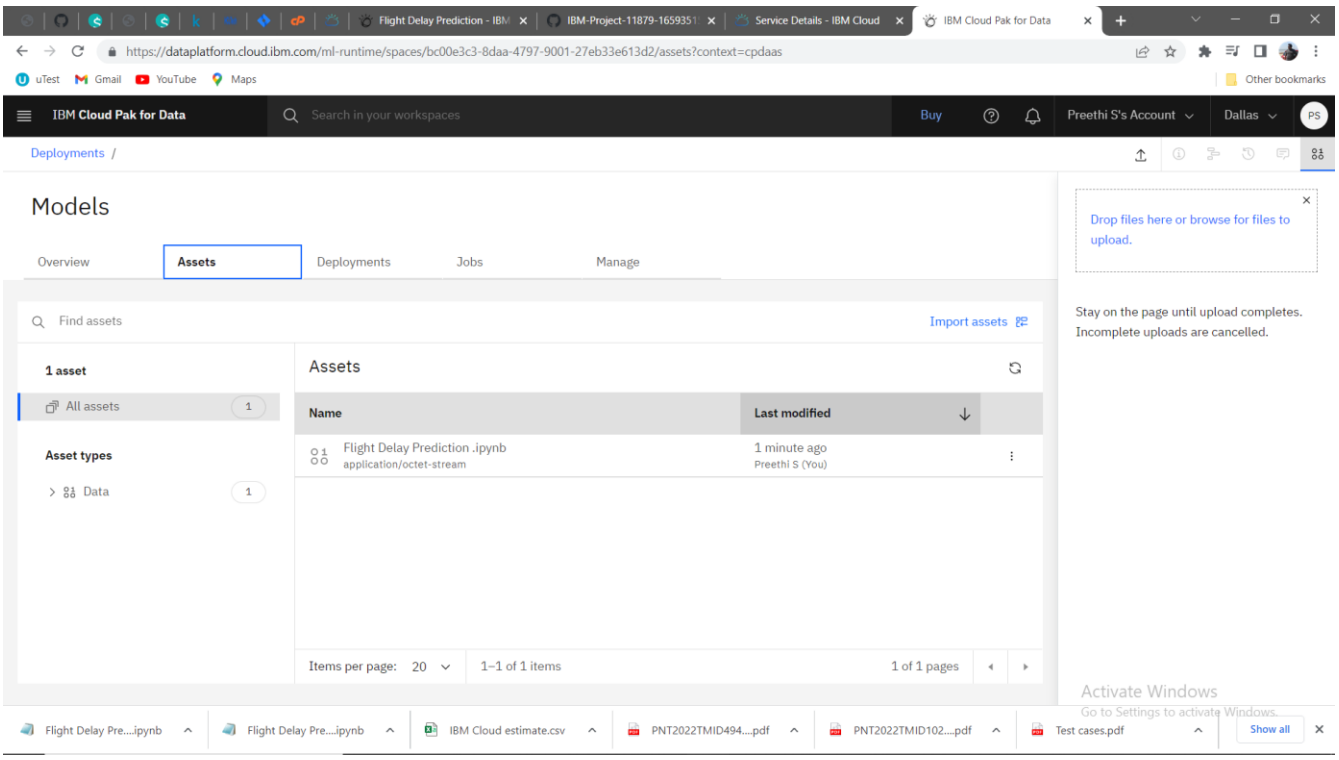
Train The Model On IBM




IBM Cloud Pak for Data
https://dataplatform.cloud.ibm.com/projects/56f5f127-188d-4c03-b527-22781621830e/overview?context=cpdaas
IBM Cloud Pak for Data
Search in your workspaces
Buy
Preethi S's Account
Dallas
Projects / Custom Model Deployment
Launch IDE
Overview
Assets
Jobs
Manage
Assets
Flight Delay Prediction
3 minutes ago by you
View all
Resource usage
For this month in this project
0.82 CUH
Project history
You created project Custom Model Deployment
Today at 03:53 PM
Readme
Type project notes, reminders, or instructions
Data in this project
Drop data files here or browse for files to upload
Activate Windows
Go to Settings to activate Windows.
Flight Delay Pre....ipynb
Flight Delay Pre....ipynb
IBM Cloud estimate.csv
PNT2022TMID494....pdf
PNT2022TMID102....pdf
Test cases.pdf
Show all


IBM Cloud Pak for Data
https://dataplatform.cloud.ibm.com/projects3/56f5f127-188d-4c03-b527-22781621830e/assets?context=cpdaas#
IBM Cloud Pak for Data
Search in your workspaces
Buy
Preethi S's Account
Dallas
Projects / Custom Model Deployment
Launch IDE
Overview
Assets
Jobs
Manage
Find assets
Import assets
New asset
2 assets
All assets
Asset types
Data 1
Notebooks 1
All assets
Name
Last modified
Processed_data15-1.csv
CSV
Now
Modified by you
Flight Delay Prediction
Notebook
6 minutes ago
Modified by you
Items per page: 20
1–2 of 2 items
1 of 1 pages
Data in this project
Drop data files here or browse for files to upload
Activate Windows
Go to Settings to activate Windows.
Flight Delay Pre....ipynb
Flight Delay Pre....ipynb
IBM Cloud estimate.csv
PNT2022TMID494....pdf
PNT2022TMID102....pdf
Test cases.pdf
Show all


Flight Delay Prediction - IBM
IBM-Project-11879-1659351
Service Details - IBM Cloud
IBM Cloud Pak for Data
https://dataplatform.cloud.ibm.com/analytics/notebooks/v2/76dd55e4-d638-45ba-a04e-f3267b36ecf5?projectid=56f5f127-188d-4c03-b527-22781621830e&context=cpdaas
IBM Cloud Pak for Data
Search in your workspaces
Buy
Preethi S's Account
Dallas
Projects / Custom Model Deployment / Flight Delay Prediction
File Edit View Insert Cell Kernel Help
Not Trusted | Python 3.9
Run Format Code
Train the ML Model in IBM
Date -- 10 November 2022 Team Id -- PNT2022TMID37576 Project -- Flight delay prediction using Machine Learning Marks -- 8 marks
In [2]:
import sys
import numpy as np
import pandas as pd
import seaborn as sns
import pickle
import sklearn
%matplotlib inline
from sklearn.preprocessing import LabelEncoder
from sklearn.preprocessing import OneHotEncoder
from sklearn.model_selection import train_test_split
from sklearn.tree import DecisionTreeClassifier
from sklearn.metrics import accuracy_score
import sklearn.metrics as metrics
In [2]:
import os, types
import pandas as pd
from botocore.client import Config
import ibm_boto3
def __iter__(self): return 0
Data
Files
Connections
Upload one file at a time. All file types accepted. 5 GB max file size.
Drag and drop files here or upload.
Processed_data15.csv
Insert to code
Activate Windows
Go to Settings to activate Windows.
Flight Delay Pre....ipynb
Flight Delay Pre....ipynb
IBM Cloud estimate.csv
PNT2022TMID494....pdf
PNT2022TMID102....pdf
Test cases.pdf
Show all


Flight Delay Prediction - IBM
IBM-Project-11879-1659351
Service Details - IBM Cloud
IBM Cloud Pak for Data
https://dataplatform.cloud.ibm.com/ml-runtime/spaces/bc00e3c3-8daa-4797-9001-27eb33e613d2/assets?context=cpdaas
IBM Cloud Pak for Data
Search in your workspaces
Buy
Preethi S's Account
Dallas
Deployments /
Models
Overview
Assets
Deployments
Jobs
Manage
Find assets
Import assets
1 asset
All assets 1
Asset types
Data 1
Assets
Name
Last modified
Flight Delay Prediction .ipynb
application/octet-stream
1 minute ago
Preethi S (You)
Items per page: 20
1–1 of 1 items
1 of 1 pages
Drop files here or browse for files to upload.
Stay on the page until upload completes. Incomplete uploads are cancelled.
Activate Windows
Go to Settings to activate Windows.
Flight Delay Pre....ipynb
Flight Delay Pre....ipynb
IBM Cloud estimate.csv
PNT2022TMID494....pdf
PNT2022TMID102....pdf
Test cases.pdf
Show all