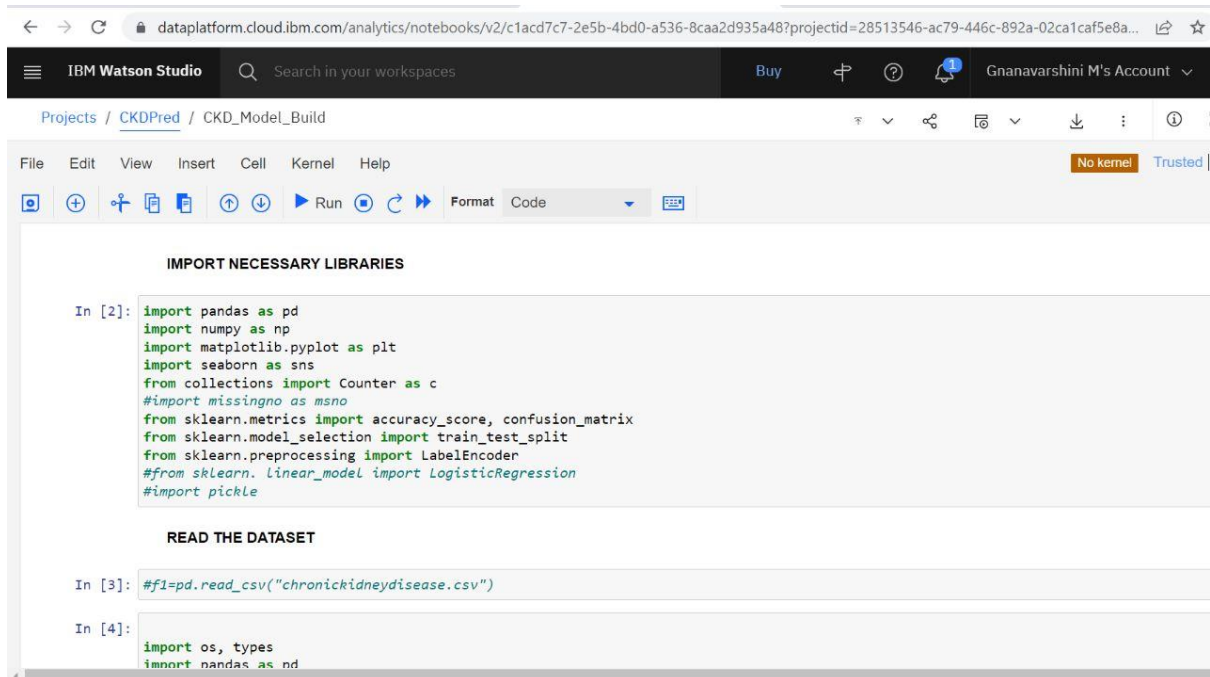


SCREENSHOTS FOR MODEL DEPLOYMENT IN IBM CLOUD



The screenshot shows the IBM Watson Studio interface. The browser address bar displays the URL: `dataplatfrom.cloud.ibm.com/analytics/notebooks/v2/c1acd7c7-2e5b-4bd0-a536-8caa2d935a48?projectid=28513546-ac79-446c-892a-02ca1caf5e8a...`. The top navigation bar includes the IBM Watson Studio logo, a search bar, a 'Buy' button, and a user profile for 'Gnanavarshini M's Account'. The breadcrumb trail shows 'Projects / CKDPred / CKD_Model_Build'. The notebook interface has a menu bar (File, Edit, View, Insert, Cell, Kernel, Help) and a toolbar with icons for file operations, running, and formatting. The code editor contains two cells:

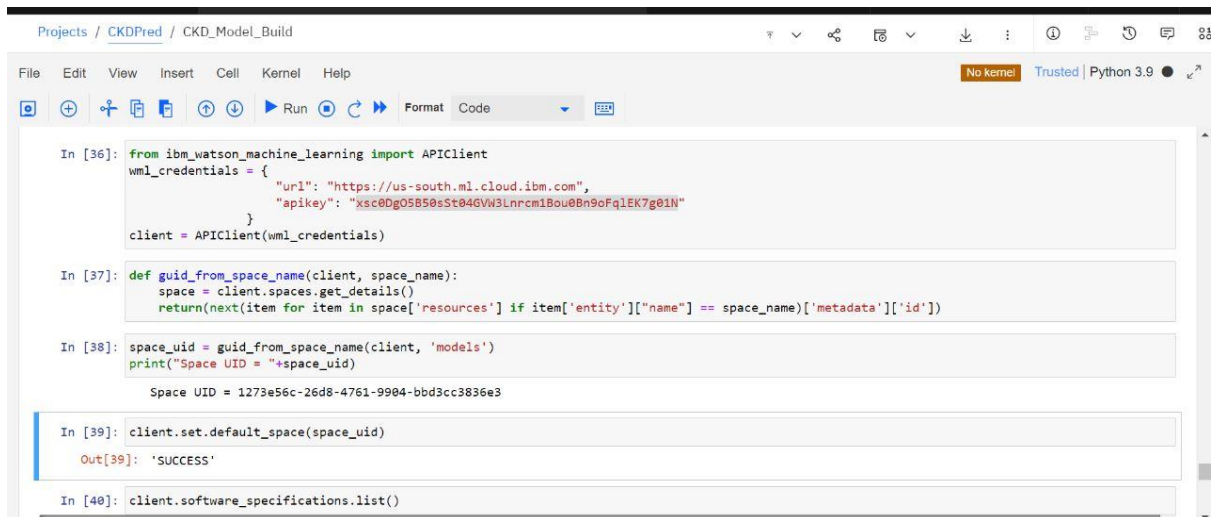
```
IMPORT NECESSARY LIBRARIES

In [2]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
from collections import Counter as c
#import missingno as msno
from sklearn.metrics import accuracy_score, confusion_matrix
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import LabelEncoder
#from sklearn.linear_model import LogisticRegression
import pickle

READ THE DATASET

In [3]: #f1=pd.read_csv("chronickidneydisease.csv")

In [4]: import os, types
import pandas as nd
```



The screenshot shows the continuation of the notebook in IBM Watson Studio. The breadcrumb trail remains 'Projects / CKDPred / CKD_Model_Build'. The code editor shows four more cells:

```
In [36]: from ibm_watson_machine_learning import APIClient
wml_credentials = {
    "url": "https://us-south.ml.cloud.ibm.com",
    "apikey": "xsc0DgO5B50s5t04GVW3LnrcmIBou0Bn9oFq1EK7g01N"
}
client = APIClient(wml_credentials)

In [37]: 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 [38]: space_uid = guid_from_space_name(client, 'models')
print("Space UID = "+space_uid)

Space UID = 1273e56c-26d8-4761-9904-bbd3cc3836e3

In [39]: client.set.default_space(space_uid)

Out[39]: 'SUCCESS'

In [40]: client.software_specifications.list()
```

IBM Watson Studio

Search in your workspaces

Buy

Gnanavarshini M's Account

Dallas

Deployments / models / ckd_pred /

model Deployed Online

API reference

Test

Direct link

Endpoint

Bearer <token>

https://us-south.ml.cloud.ibm.com/ml/v4/deployments/f4af460b-49e4-4b53-9c7a-25929a2729b8/predictions?version=20 IAM

IBM Watson Studio

Search in your workspaces

Buy

Gna

Deployments /

models

Overview


Assets

Deployments

Jobs

Manage

Search

Name	Type	Status	Asset	Last modified	
 model	Online	Deployed	ckd_pred	23 hours ago Gnanavarshini M (You)	

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