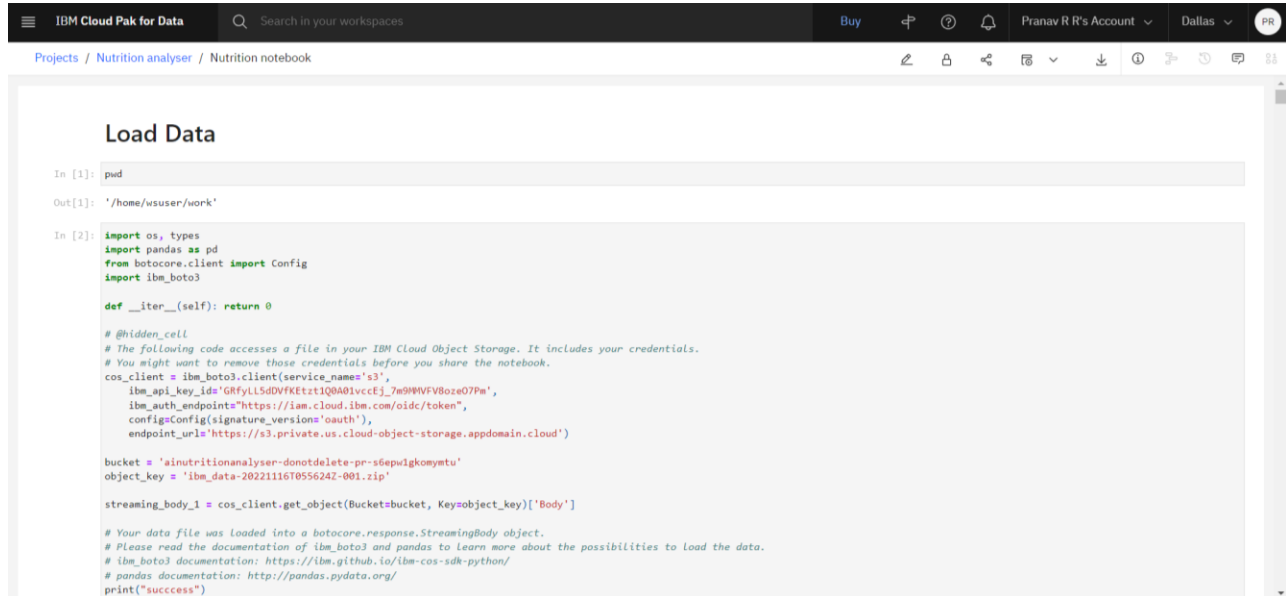


Sprint -IV

Date	17 October 2022
Team ID	PNT2022TMID14661
Project Name	AI POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS

IBM Cloud: We have deployed our AI model on IBM Cloud.



The screenshot shows the IBM Cloud Pak for Data interface. At the top, there's a navigation bar with 'IBM Cloud Pak for Data', a search bar, and user account information. Below the navigation bar, the breadcrumb trail reads 'Projects / Nutrition analyser / Nutrition notebook'. The main content area displays a Jupyter Notebook with the title 'Load Data'. The notebook contains two input cells. The first cell, labeled 'In [1]:', contains the command 'pwd', and the output is '/home/wsuser/work'. The second cell, labeled 'In [2]:', contains a Python script that imports necessary libraries (os, types, pandas, boto3, Config, ibm_boto3), defines a function to load data from IBM Cloud Object Storage, and prints a success message. The script includes comments about removing credentials and provides links to documentation for ibm_boto3 and pandas.

```
In [1]: pwd
Out[1]: '/home/wsuser/work'

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='GRFyLLSdDVfKtzt1Q0M01vccfj_7m9WVVFVBoze07Pa',
                              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 = 'ainutritionanalyser-donotdelete-pr-s6epwlgkomymtu'
object_key = 'ibm_data-20221116T055624Z-001.zip'

streaming_body_1 = cos_client.get_object(Bucket=bucket, Key=object_key)['Body']

# Your data file was loaded into a botocore.response.StreamingBody object.
# Please read the documentation of ibm_boto3 and pandas to learn more about the possibilities to load the data.
# ibm_boto3 documentation: https://ibm.github.io/ibm-cos-sdk-python/
# pandas documentation: http://pandas.pydata.org/
print("success")
```

Foodish API: an random food picture generator is used to set the background image of the home/ landing page to make it more appealing for the user.

