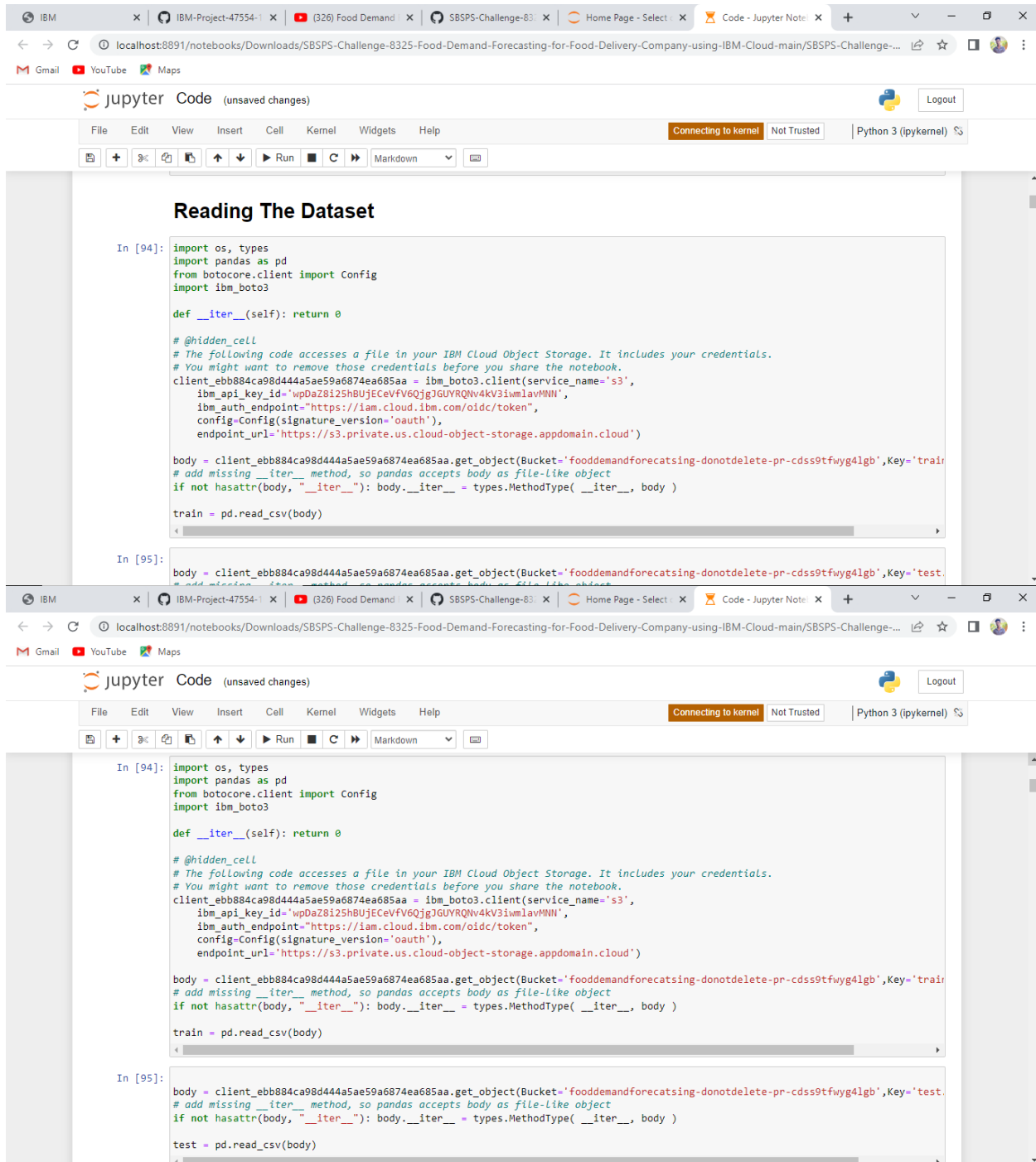


TEAM ID: PNT2022TMID17645

## PROJECT NAME: DemandEst - AI powered Food Demand Forecaster



```
In [94]: 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.
client_ebb884ca98d444a5ae59a6874ea685aa = ibm_boto3.client(service_name='s3',
    ibm_api_key_id='wp0a28125hBUjECeVfV6QjgJGUYRQNV4kV3iwmIavMMN',
    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')

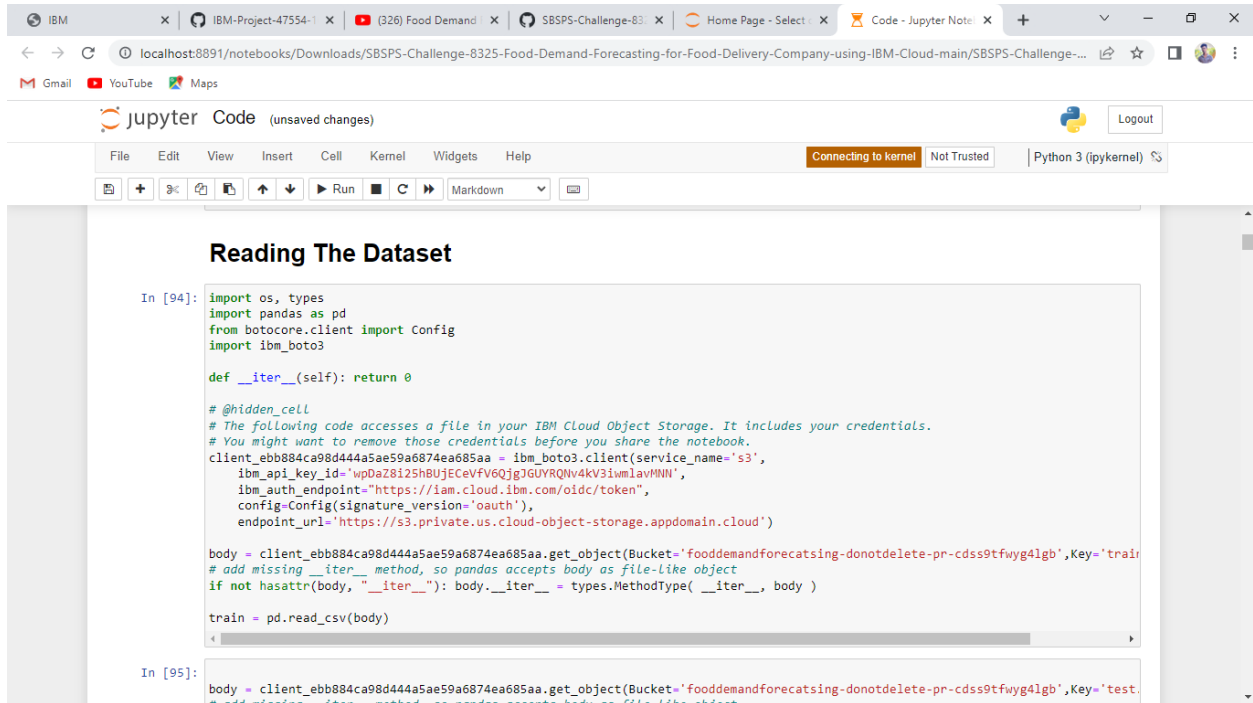
body = client_ebb884ca98d444a5ae59a6874ea685aa.get_object(Bucket='fooddemandforecatsing-donotdelete-pr-cdss9tfwyg4lgb',Key='train')
# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType( __iter__, body )

train = pd.read_csv(body)

In [95]: body = client_ebb884ca98d444a5ae59a6874ea685aa.get_object(Bucket='fooddemandforecatsing-donotdelete-pr-cdss9tfwyg4lgb',Key='test')
# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType( __iter__, body )

test = pd.read_csv(body)
```

# Team Member 1



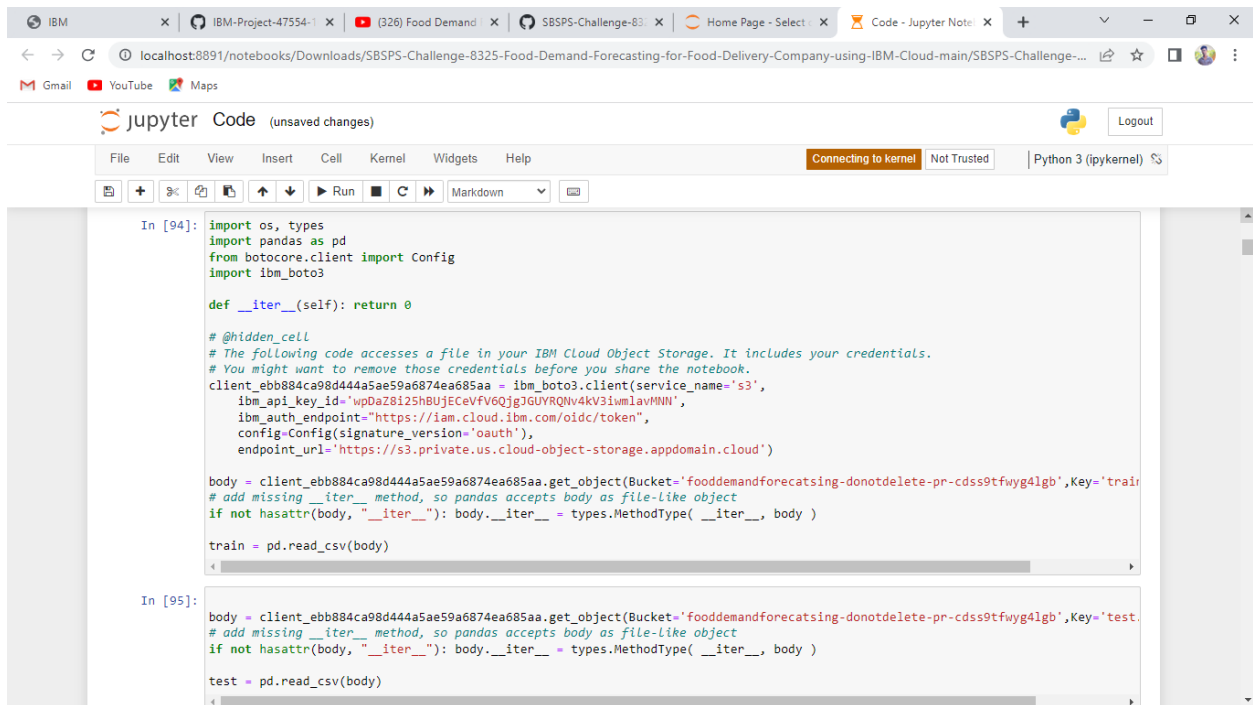
```
In [94]: import os, types
import pandas as pd
from boto3.client import Config
import boto3

def __iter__(self): return 0

# @hidden_cell
# The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
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client = boto3.client(service_name='s3',
    aws_access_key_id='wp0a28125hBjEceVfV6Qj7GUYRQNV4kV3iwm1avMNN',
    aws_secret_access_key='...',
    aws_session_token='...',
    config=Config(signature_version='oauth'),
    endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')

body = client.get_object(Bucket='fooddemandforecating-donotdelete-pr-cdss9tfwyg4lgb',Key='train')
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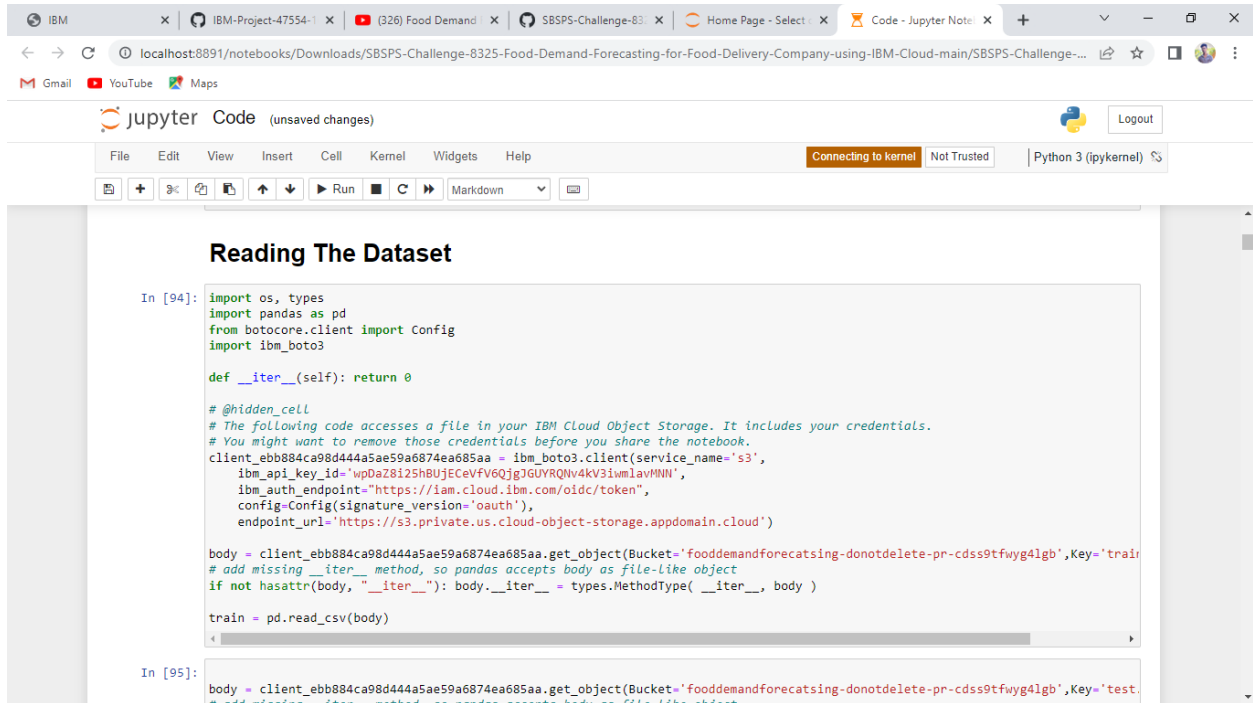
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if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType( __iter__, body )

test = pd.read_csv(body)
```

## Team Member 2



```
In [94]: import os, types
import pandas as pd
from boto3.client import Config
import boto3

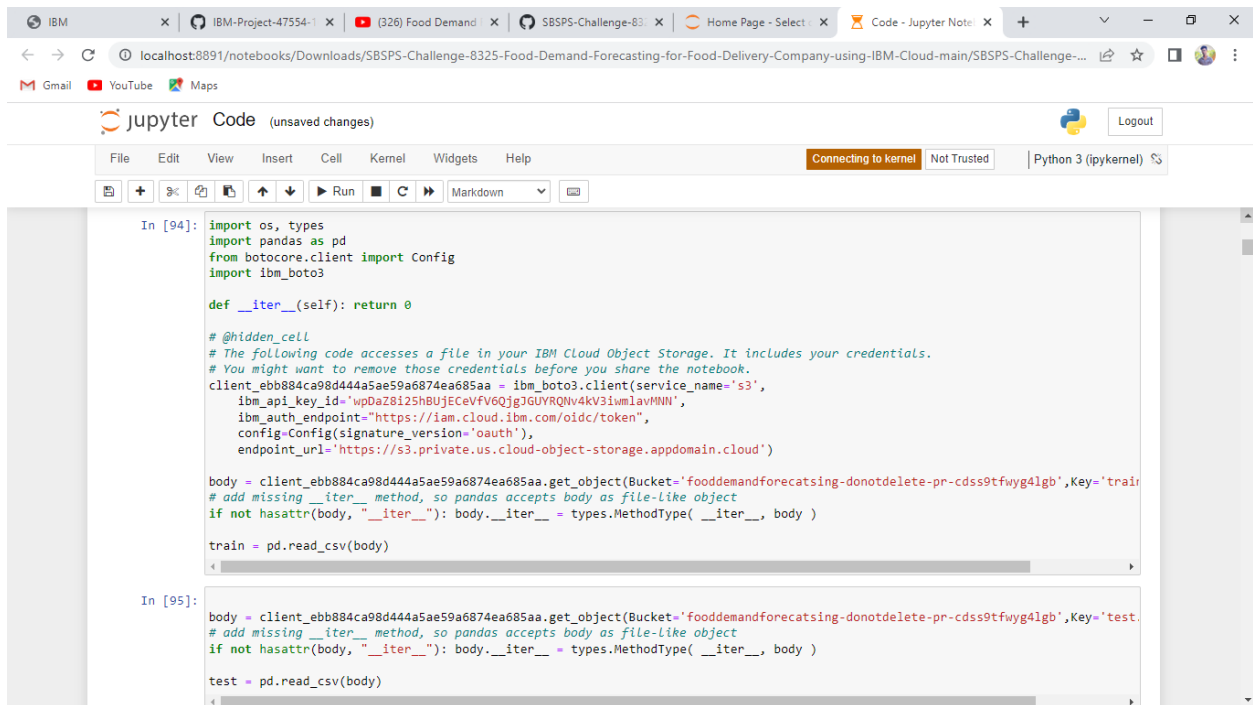
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```

```
In [95]: body = client_ebb884ca98d444a5ae59a6874ea685aa.get_object(Bucket='fooddemandforecatsing-donotdelete-pr-cdss9tfwyg4lgb',Key='test')
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import pandas as pd
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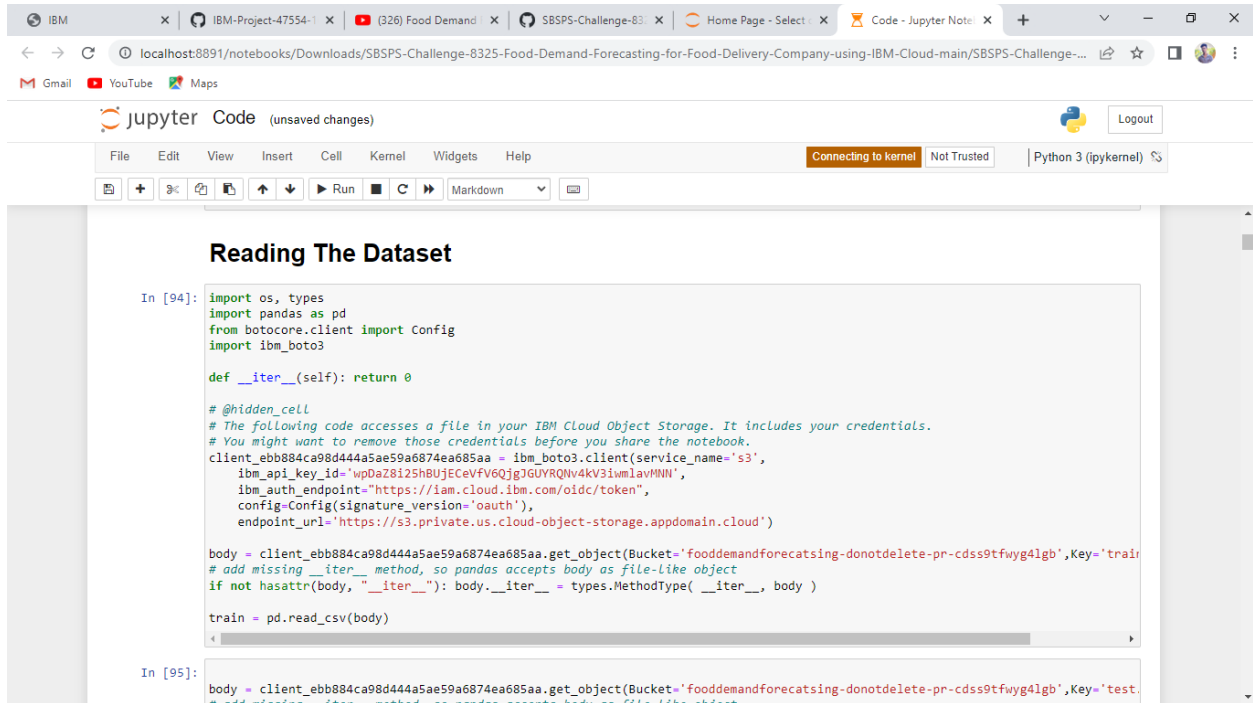
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test = pd.read_csv(body)
```

## Team Member 3



The screenshot shows a Jupyter Notebook interface with a browser window at the top. The notebook has a title bar "jupyter Code (unsaved changes)" and a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", "Widgets", and "Help". The status bar indicates "Connecting to kernel", "Not Trusted", and "Python 3 (ipykernel)". The notebook content is titled "Reading The Dataset" and contains two code cells. The first cell, labeled "In [94]:", imports necessary libraries and defines a function to read a CSV file from IBM Cloud Object Storage. The second cell, labeled "In [95]:", uses the function to read a specific file from the storage.

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In [94]: import os, types
import pandas as pd
from boto3.client import Config
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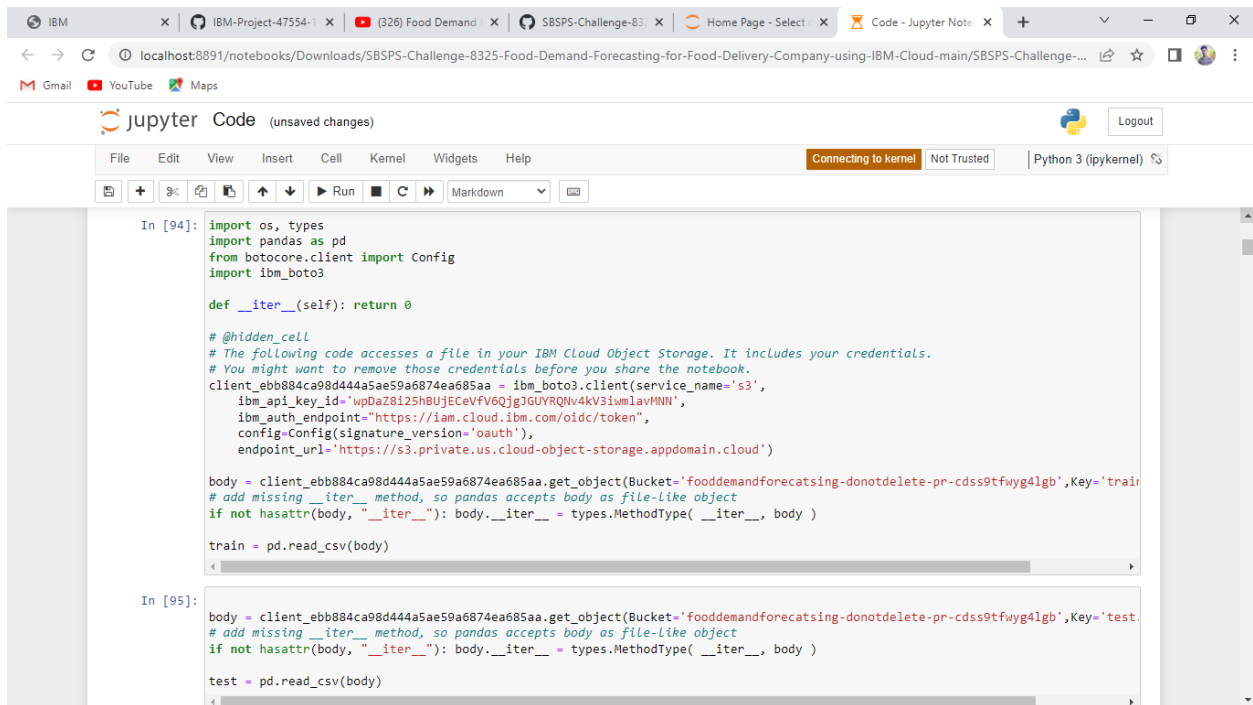
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    config=Config(signature_version='oauth'),
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    ibm_auth_endpoint='https://iam.cloud.ibm.com/oidc/token',
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