

Project Development Phase Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID03631
Project Name	A Gesture - Based Tool for Sterile Browsing of Radiology Images
Marks	4 Marks

IBM Watson Studio:

The screenshot displays the IBM Watson Studio interface. The top navigation bar includes the IBM Watson Studio logo, a search bar, and user account information (ELAVARASAN P's Account, Frankfurt). The main workspace shows a Jupyter notebook with the following code:

```
In [1]:
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.
# You might want to remove those credentials before you share the notebook.
cos_client = boto3.client(service_name='s3',
                          iam_api_key_id='x25zmx20eltzX2Uc0w0ZFa5_14Fk13gX6Vfc42Vs1J-',
                          iam_auth_endpoint='https://iam.cloud.ibm.com/oidc/token',
                          config=Config(signature_version='oauth'),
                          endpoint_url='https://s3.private.eu.cloud-object-storage.appdomain.cloud')

bucket = 'sprint1-donotdelete-pr-ry13csz9xkc2qe'
object_key = 'dataset.zip'

streaming_body_5 = cos_client.get_object(Bucket=bucket, Key=object_key)['Body']

# Your data file was loaded into a boto3.response.StreamingBody object.
# Please read the documentation of boto3 and pandas to learn more about the possibilities to load the data.
# boto3 documentation: https://boto3.amazonaws.com/v1/documentation/api/latest/guide/quickstart.html#python
# pandas documentation: http://pandas.pydata.org/

In [2]:
from io import BytesIO
import zipfile
unzip=zipfile.ZipFile(BytesIO(streaming_body_5.read()),'r')
file_paths=unzip.namelist()
for path in file_paths:
    unzip.extract(path)

In [3]: ls

dataset/

In [ ]:
```

The interface also shows a sidebar with file explorer and a bottom status bar indicating the environment is Trusted Python 3.9.

Link: https://eu-de.dataplatform.cloud.ibm.com/analytics/notebooks/v2/c340d2b6-647a-42b2-b50b-5ecc7387ddcf/view?access_token=f57701d489f01dafb573e134fb54e16698ca89d537544e23123102e0bb726941