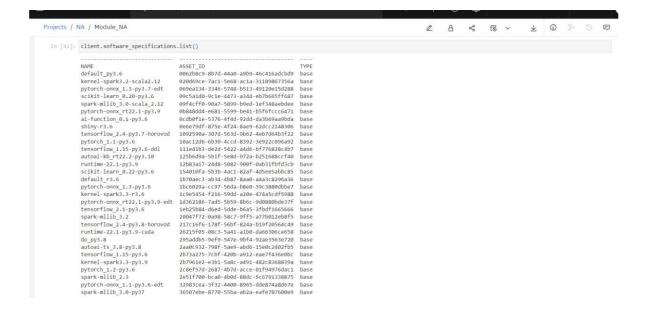
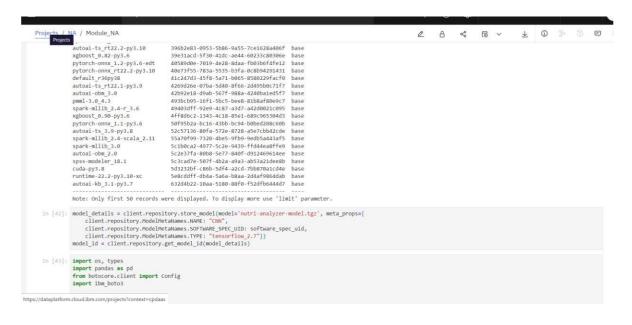
## TRAIN THE MODEL ON IBM

Date	19/11/2022
Team ID	PNT2022TMID23771
Project Name	Al-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	4 Marks









```
Projects / NA / Module NA
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                                                                                                                                                                                                                                                                                         (i)
                    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 wont to remove those credentials before you share the notebook.

cos_client = ibm_boto3.client(service_name='s3',
    ibm_api_key_id='wqDBLEOMISANELOXUSWNZEQS_SSExhBMK80putx-L5Ir',
    ibm_auth_endpoint="Ittps://iam.cloud.ibm.com/oidc/token",
    config=Config(signature_version='oauth'),
    endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')
                    bucket = 'na-donotdelete-pr-rwpgsl31avjqx7'
object_key = 'Dataset.zip'
                    streaming_body_2 = 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/
software_spec_uid = client.software_specifications.get_uid_by_name("tensorflow_rt22.1-py3.9")
                    software spec uid
  Dut[43]: 'acd9c798-6974-5d2f-a657-ce06e986df4d'
   Out[44]: '889dabeb-a601-4588-af3c-5810c863fc10'
   In [45]: client.repository.download(model_id, 'nutrition.tar.gz')
                    Successfully saved model content to file: 'nutrition.tar.gz'
   Out[45]: '/home/wsuser/work/nutrition.tar.gz'
```