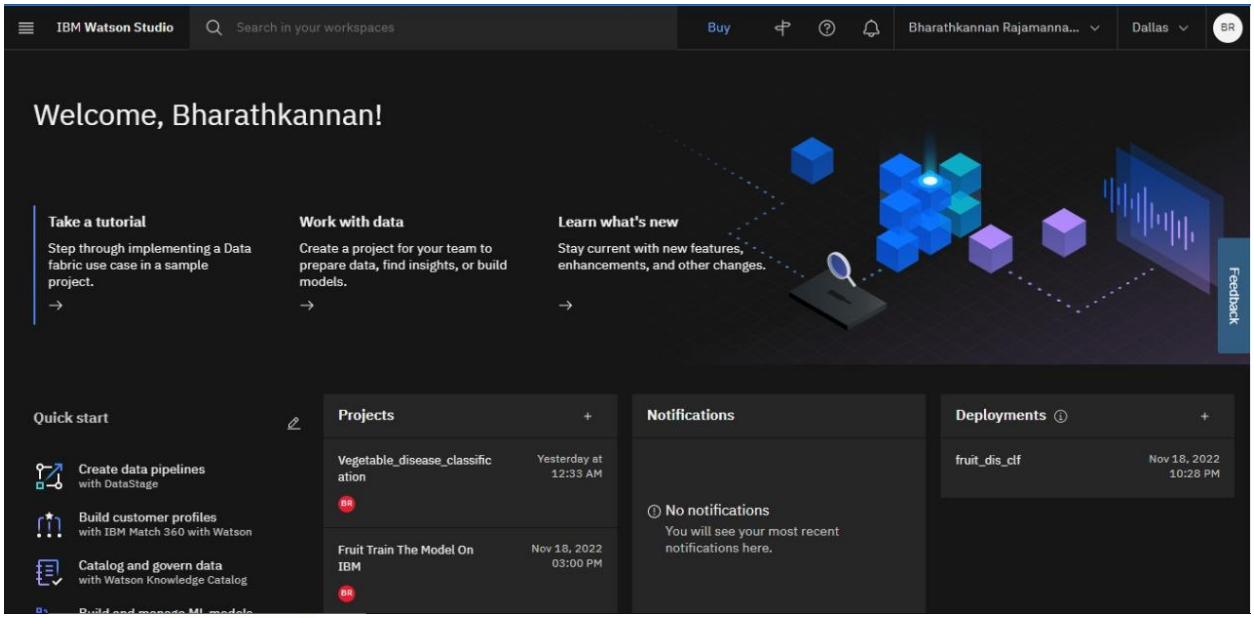
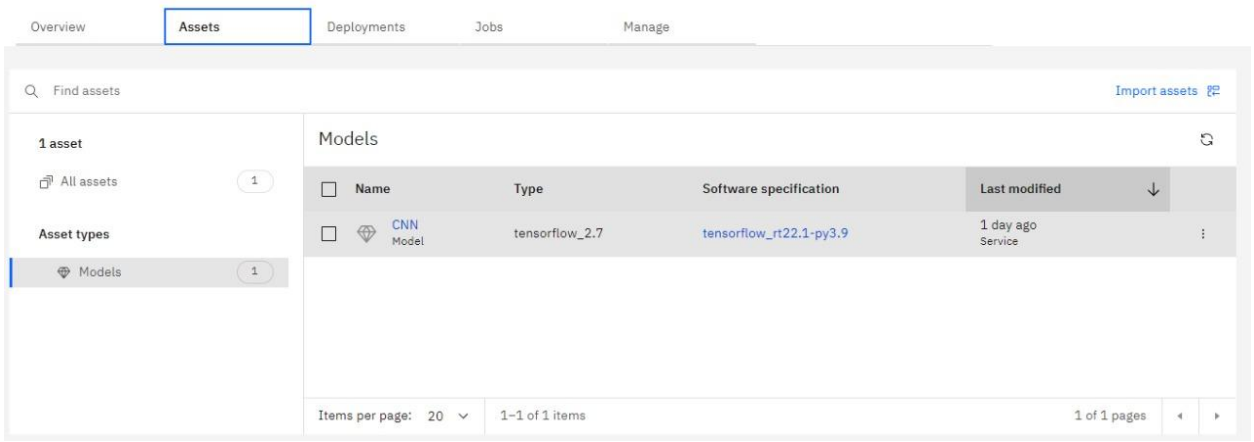
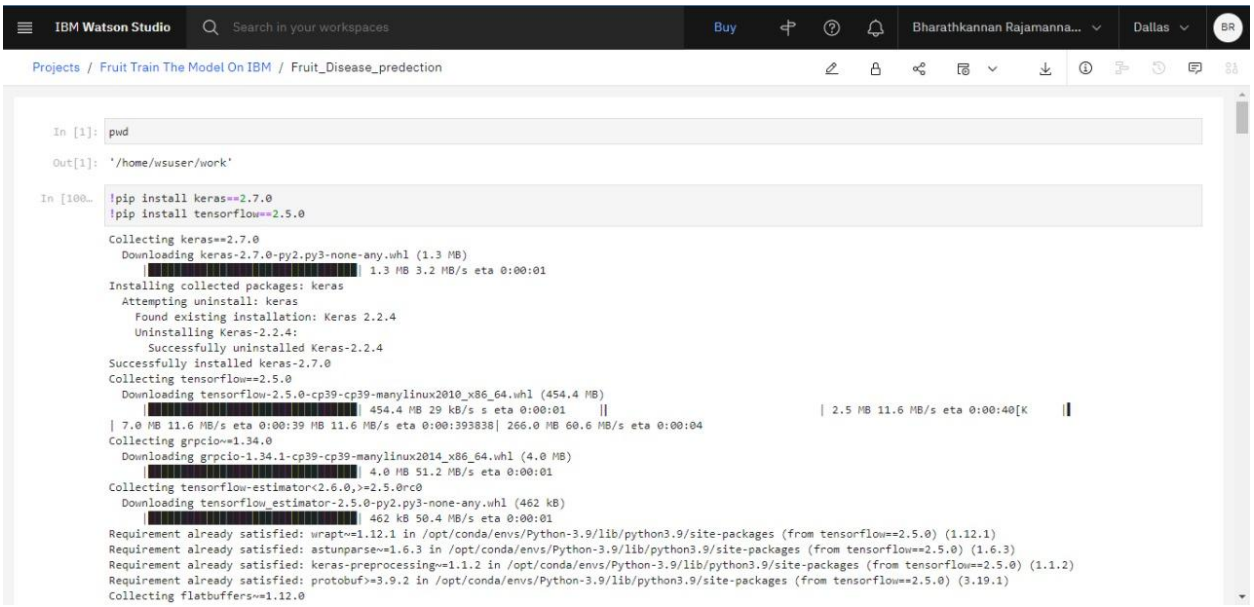
Fertilizer Recommendation System Using Disease Prediction

Team ID: PNT2022TMID38633

Cloud Deployment Proofs :



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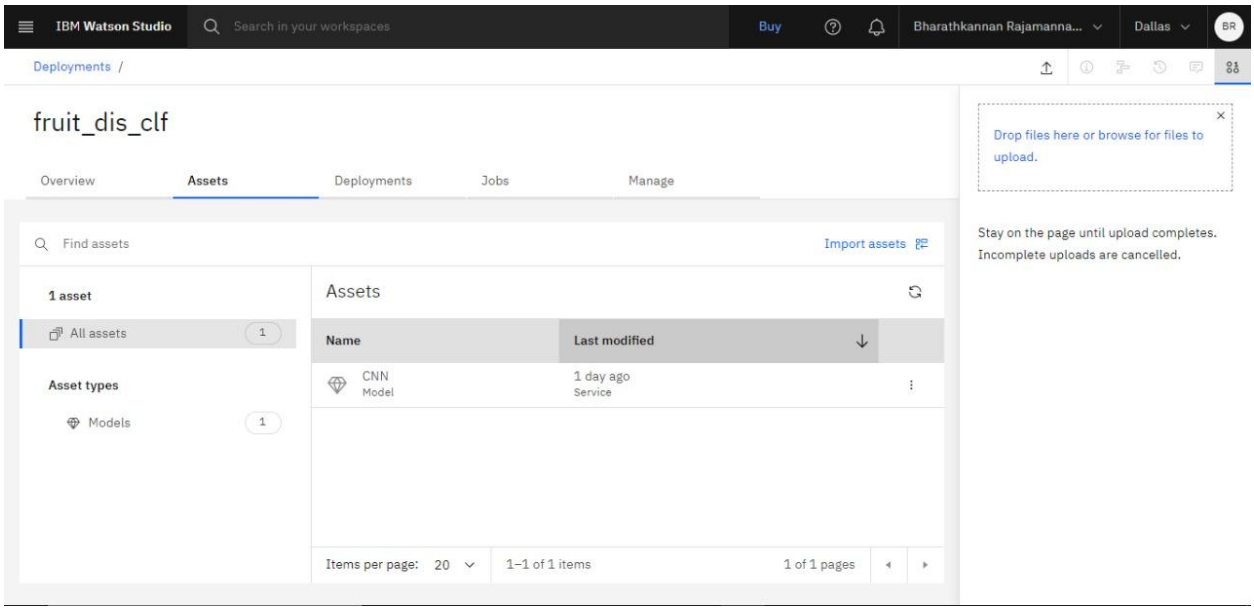
Projects / Fruit Train The Model On IBM / Fruit_Disease_predection
In [1]: pwd
Out[1]: '/home/wsuser/work'
In [100...
!pip install keras==2.7.0
!pip install tensorflow==2.5.0
Collecting keras==2.7.0
Downloading keras-2.7.0-py2.py3-none-any.whl (1.3 MB)
1.3 MB 3.2 MB/s eta 0:00:01
Installing collected packages: keras
Attempting uninstall: keras
Found existing installation: Keras 2.2.4
Uninstalling Keras-2.2.4:
Successfully uninstalled Keras-2.2.4
Successfully installed keras-2.7.0
Collecting tensorflow==2.5.0
Downloading tensorflow-2.5.0-cp39-cp39-manylinux2010_x86_64.whl (454.4 MB)
454.4 MB 29 kB/s s eta 0:00:01
2.5 MB 11.6 MB/s eta 0:00:40[K
7.0 MB 11.6 MB/s eta 0:00:39 MB 11.6 MB/s eta 0:00:393838 266.0 MB 60.6 MB/s eta 0:00:04
Collecting grpcio~=1.34.0
Downloading grpcio-1.34.1-cp39-cp39-manylinux2014_x86_64.whl (4.0 MB)
4.0 MB 51.2 MB/s eta 0:00:01
Collecting tensorflow-estimator<2.6.0,>=2.5.0rc0
Downloading tensorflow_estimator-2.5.0-py2.py3-none-any.whl (462 kB)
462 kB 50.4 MB/s eta 0:00:01
Requirement already satisfied: wrapt~=1.12.1 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.12.1)
Requirement already satisfied: astunparse~=1.6.3 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.6.3)
Requirement already satisfied: keras-preprocessing~=1.1.2 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.1.2)
Requirement already satisfied: protobuf>=3.9.2 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (3.19.1)
Collecting flatbuffers~=1.12.0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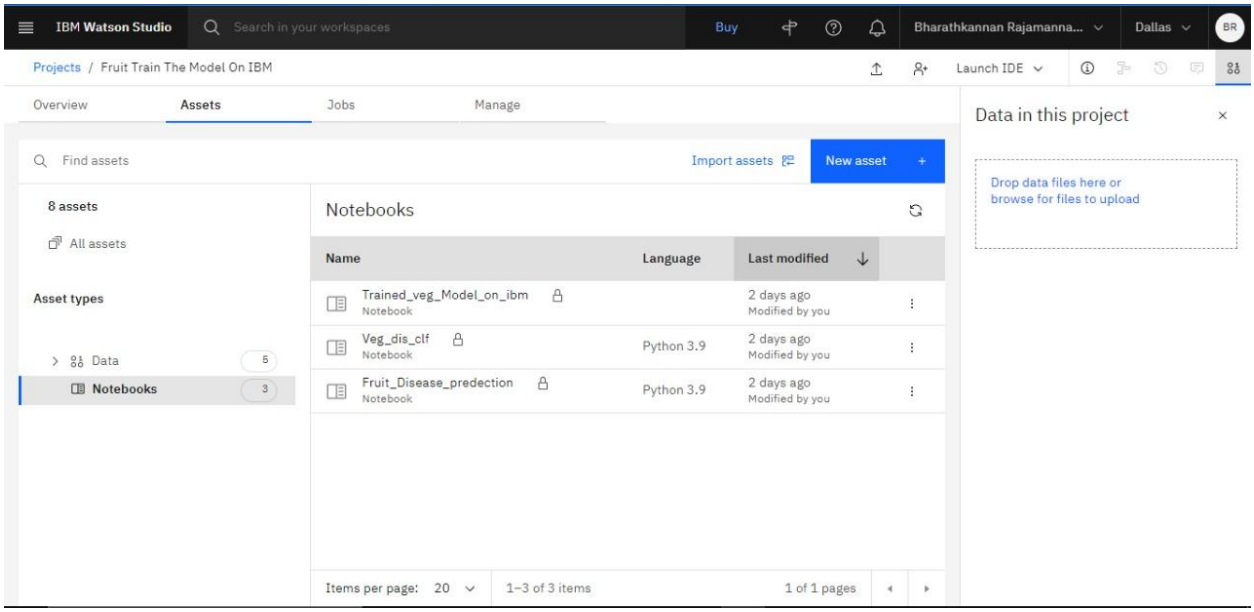
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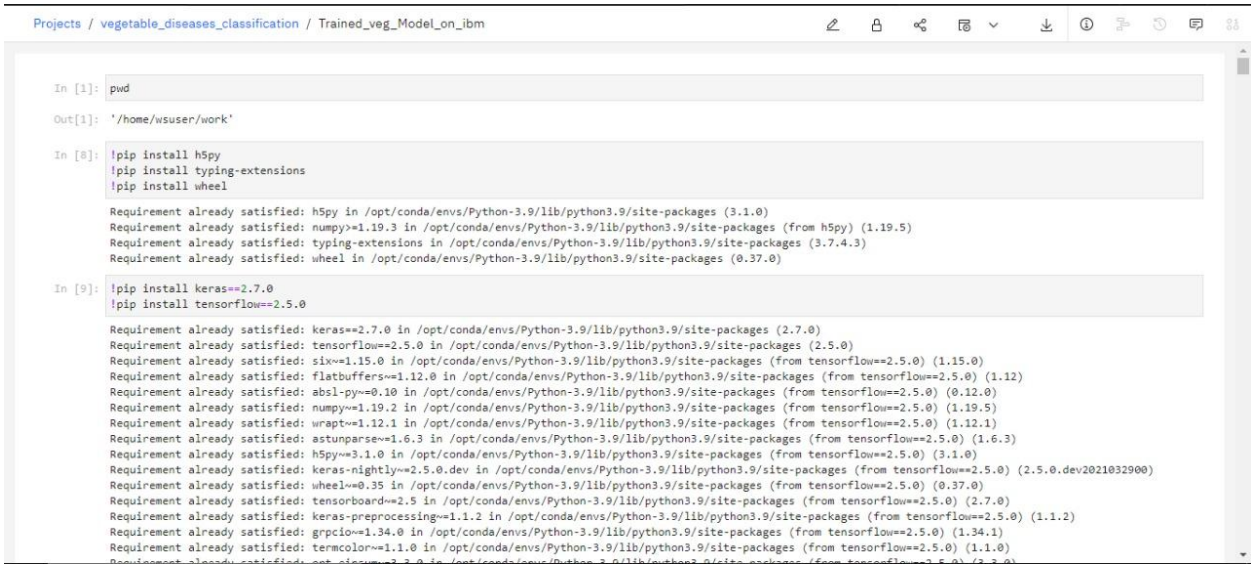
Projects / vegetable_diseases_classification / Trained_veg_Model_on_ibm
In [1]: pwd
Out[1]: '/home/wsuser/work'
In [8]: !pip install h5py
!pip install typing-extensions
!pip install wheel
Requirement already satisfied: h5py in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (3.1.0)
Requirement already satisfied: numpy>=1.19.3 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from h5py) (1.19.5)
Requirement already satisfied: typing-extensions in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (3.7.4.3)
Requirement already satisfied: wheel in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (0.37.0)
In [9]: !pip install keras==2.7.0
!pip install tensorflow==2.5.0
Requirement already satisfied: keras==2.7.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (2.7.0)
Requirement already satisfied: tensorflow==2.5.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (2.5.0)
Requirement already satisfied: six~=1.15.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.15.0)
Requirement already satisfied: flatbuffers~=1.12.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.12)
Requirement already satisfied: absl-py~=0.10 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (0.12.0)
Requirement already satisfied: numpy~=1.19.2 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.19.5)
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Requirement already satisfied: h5py~=3.1.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (3.1.0)
Requirement already satisfied: keras-nightly~=2.5.0.dev in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (2.5.0.dev2021032900)
Requirement already satisfied: wheel~=0.35 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (0.37.0)
Requirement already satisfied: tensorboard~=2.5 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (2.7.0)
Requirement already satisfied: keras-preprocessing~=1.1.2 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.1.2)
Requirement already satisfied: grpcio~=1.34.0 in /opt/conda/envs/Python-3.9/lib/python3.9/site-packages (from tensorflow==2.5.0) (1.34.1)
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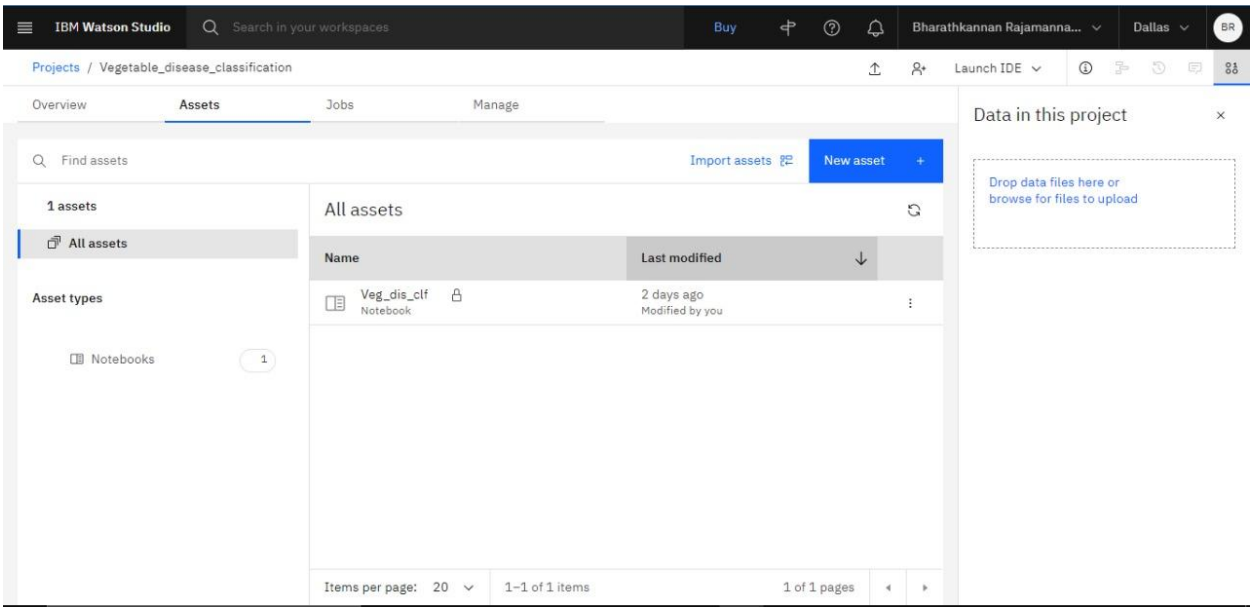
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