CLOUD DEPLOYMENT

Team ID	PNT2022TMID52735
Project Name	Project - A Novel Method for Hand Written Digit Recognition
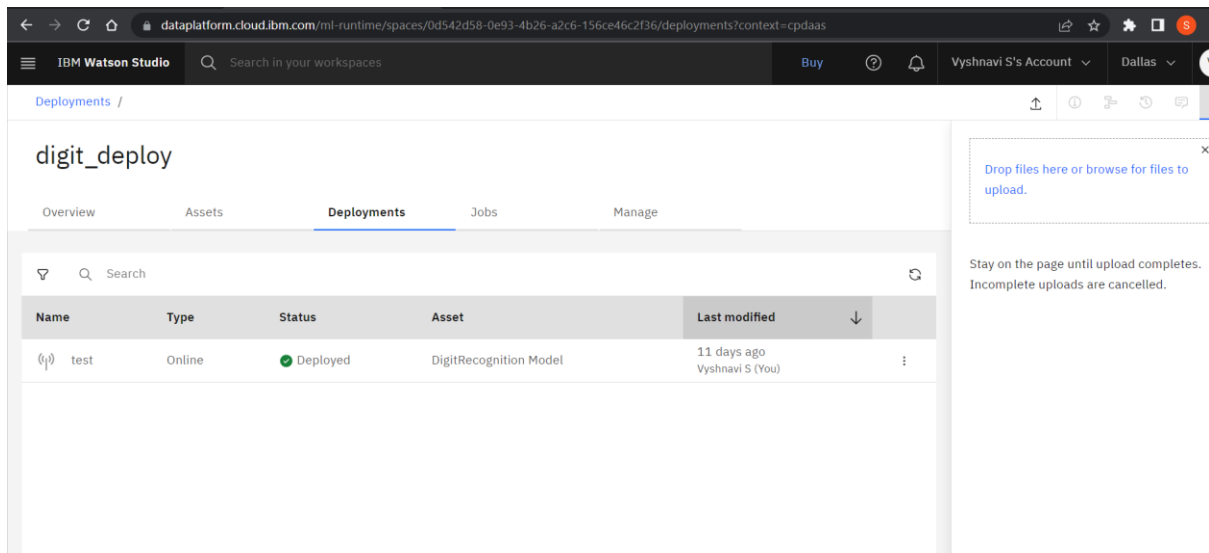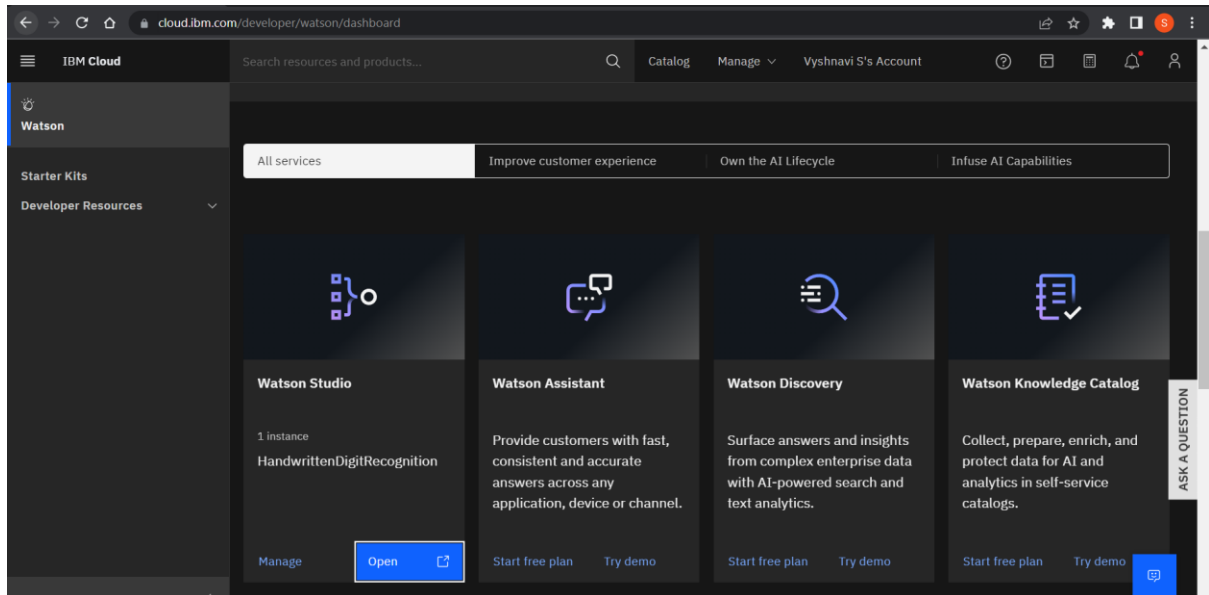
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Deployments
1 space

New deployment space   +

Activity   **Spaces**

Finished runs ⓘ
Within the last 8 hours   ⋮

⚠️ **No finished runs**
within the last 8 hours. Try a different time frame.

View finished runs

Active runs ⓘ

⚠️ **No active runs**
Runs will display here when they are executing.

View active runs

Online deployments ⓘ

1
✅ Deployed

0
🔴 Failed

View deployments

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Projects / Handwritten Digit Recognition / DigitRecognitionDeployment
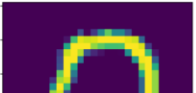
```
In [1]: from keras.datasets import mnist
        import matplotlib.pyplot as plt
        from keras.utils import np_utils
        from tensorflow.keras.models import Sequential
        from tensorflow.keras.layers import Conv2D,Dense,Flatten
        from tensorflow.keras.optimizers import Adam
```

```
In [2]: (X_train,y_train),(X_test,y_test) =mnist.load_data()
        print(X_train.shape)
        print(X_test.shape)
        print(y_test.shape)
        print(y_train.shape)
```

```
Downloading data from https://storage.googleapis.com/tensorflow/tf-keras-datasets/mnist.npz
11493376/11490434 [==============================] - 0s 0us/step
11501568/11490434 [==============================] - 0s 0us/step
(60000, 28, 28)
(10000, 28, 28)
(10000,)
(60000,)
```

```
In [3]: print("The label value is ",y_test[10]) #Value in y_test
        plt.imshow(X_test[10])
```

```
The label value is  0
```

```
Out[3]: <matplotlib.image.AxesImage at 0x7fa16839f1f0>
```