Task 4: Test Your Classifier

1. Click on **Open Tool** to open the Jupyter notebook from the Train model phase.

   Note: Make sure that the result of the training model is visible under **Details of Run**

2. Add the below-mentioned code by adding a cell to the end of the model training notebook

```
1
2
3
4
5
6
7
8
9
10
11
12
```

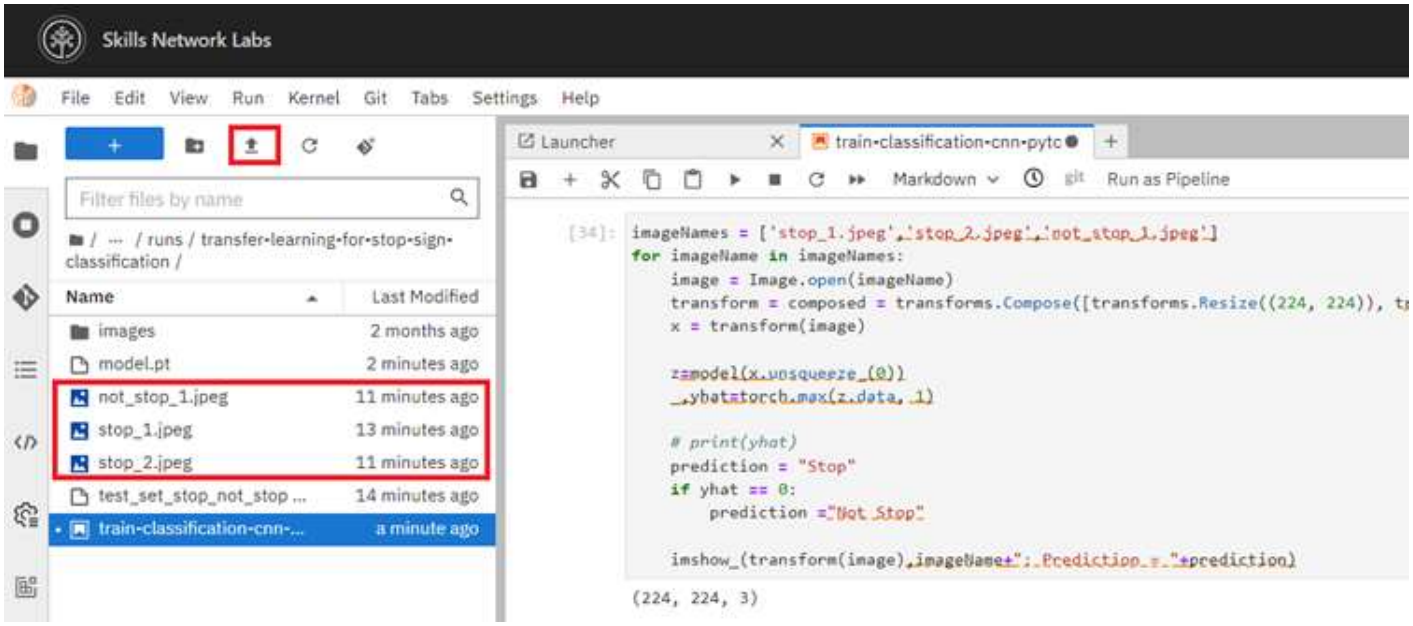
```
imageNames = ['stop_1.jpeg','stop_2.jpeg','not_stop_1.jpeg']
for imageName in imageNames:
    image = Image.open(imageName)
    transform = composed = transforms.Compose([transforms.Resize((224, 224)), transforms.ToTensor()])
    x = transform(image)
    z=model(x.unsqueeze_(0))
    _,yhat=torch.max(z.data, 1)
    # print(yhat)
    prediction = "Stop"
    if yhat == 1:
        prediction ="Not Stop"
    imshow_(transform(image),imageName+": Prediction = "+prediction)
```

Copied!

3. Now, download the test images.

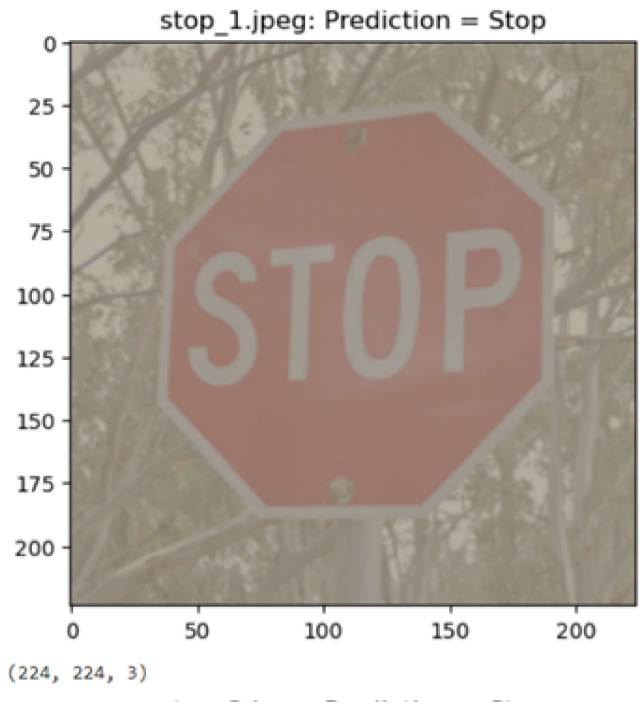
- You will find test images here. *Note: if you are using Firefox, please right-click the link and select `Save Link As`.*

4. Then, upload the images to the Skill Network Labs.



5. After uploading the images, Run the code for testing your classifier.

- Take a screenshot of the following image after the prediction. You can find how to take a screenshot for Mac here and Windows here



Your prediction will show at the top.

Please take screenshots of each image and its prediction to upload to get full marks on your peer review.

Change Log

Date (YYYY-MM-DD)	Version	Changed by	Change Description
2023-04-21	0.1	Ratima	Created lab