**Skills Network**

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

```
1.  imageNames = ['stop_1.jpeg','stop_2.jpeg','not_stop_1.jpeg']
2.  for imageName in imageNames:
3.      image = Image.open(imageName)
4.      transform = composed = transforms.Compose([transforms.Resize((224, 224)), transforms.ToTensor()])
5.      x = transform(image)
6.      z=model(x.unsqueeze_(0))
7.      _,yhat=torch.max(z.data, 1)
8.      # print(yhat)
9.      prediction = "Stop"
10.     if yhat == 1:
11.         prediction ="Not Stop"
12.     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.
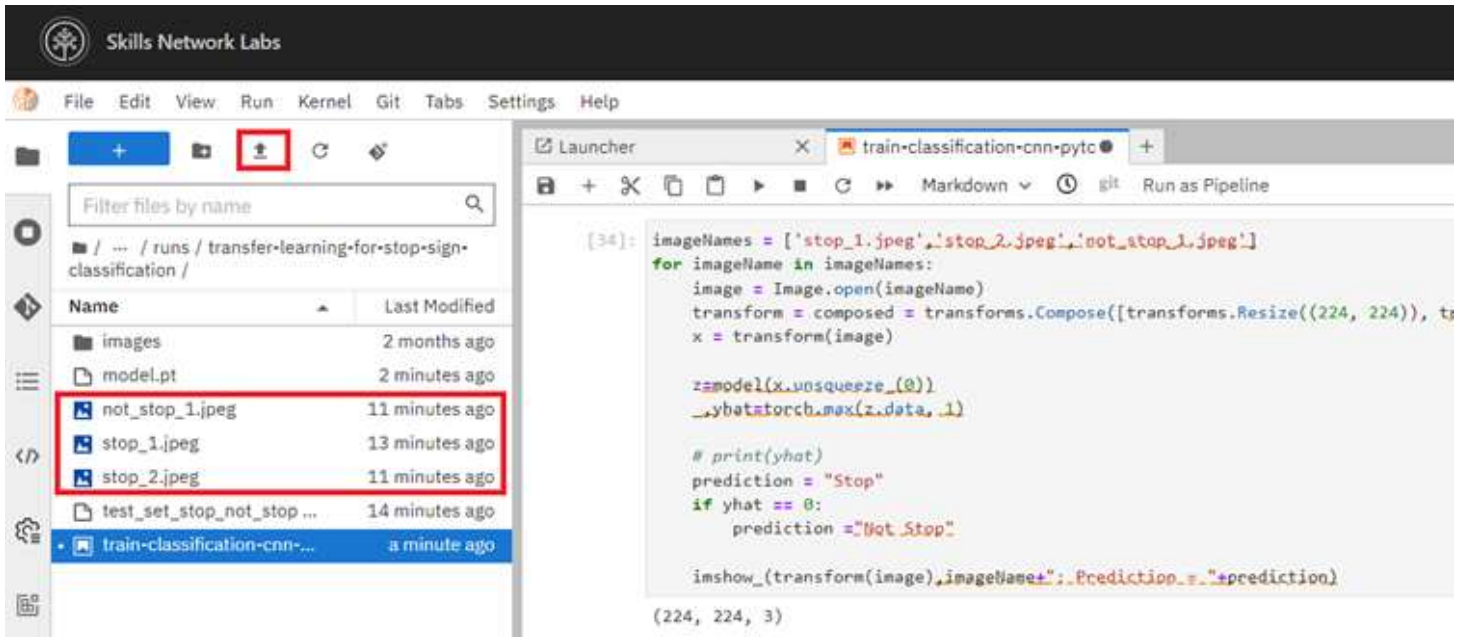


5. After uploading the images, Run the code for testing your classifier.

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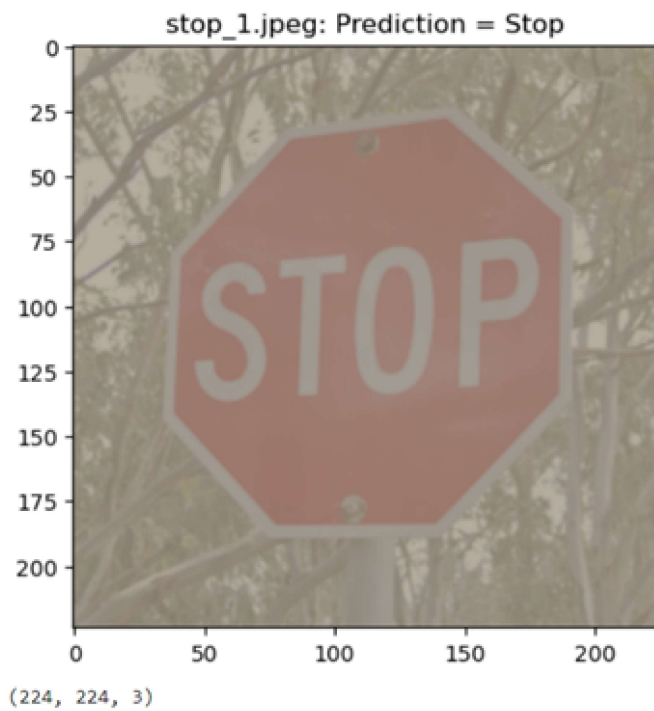


Your prediction will show at the top.

**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**

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