

Working with the Trained Neural Network

Load the Network

```
load workspace_variables\flownet.mat
```

Check with some images

```
imgs = imageDatastore("check\");  
  
inputSZ = [224 224];  
preImg = augmentedImageDatastore(inputSZ, imgs);  
pred = classify(flownet, preImg);  
  
% select a images  
pth = imgs.Files(14);  
indx = string(imgs.Files) == (pth);  
imshow(imread(string(pth)));
```



```
pred(indx)
```

```
ans = categorical  
      roses
```