import tomay as up # limits dipulse.

Report of 16 fifth blooming.

Import amplitation blooming.

Import amplitation blooming that the protein the images and discipant amplitation because a support amplitation because a support from all the images are discipant amplitation in the images and discipant amplitation because the proper of the images and conventing the images continued to the image and conventing the images continued to the image and conventing the images continued to the images and conventing the images continued to the images and conventing the images and conventing the image and conventing the images and discipant amplitude to the image and conventing the images and discipant amplitude to the image and conventing the images and discipant amplitude to the image and conventing the images and discipant amplitude to the image and conventing the image and conv Getting the dataset in list. Counting the number of images in dataset The number of dogs images is 12470
The number of cat images is 12491
Total number of images in dataset is 2 Cutting the dataset into smaller set Displaying the sample Images Resizing the images Resizing the dog images resized_dog_path = './resized/dog' resized_cat_path = './resized/cat' c = 0 Resizing the cat images Original image imatplotlib inline
ing = mping.imread(f'{dir
imgplot = plt.inshow//--Resized Image imatplotlib inline
ing = mping.imread(f'{r}
imgplot = plt.imshow(i Creating labels for dataset resized_dogs = os.list labels=[] for i in resized_dogs: labels.append(1) Finding the unique value and count of individual subsets : val, cnt = np.unique(labels.neturn_counts=True)
print("The value is (val[0]) and count of that is (cnt[0])")
print("The value is (val[1]) and count of that is (cnt[1])")
The value is 0 and count of that is 1000
The value is 1 and count of that is 3000 Creating a numpy array of all the images present Getting information from numpy array 'allImg' that consist all the images in matrix form Train test split X = allImg Y = rp.asarray(labels) Getting the insights of train test split print(g_train[0])
The X images are splitted into train set : 5400 test set : 600
The Y labels are splitted into train set : 5400 test set : 600
[[177 16.3 16.3 167]]
[[176 16.3 167]] [[180 166 170] [180 166 170] [179 165 169] [[180 169 172] [179 168 171] [178 167 170] [[207 208 212] [206 207 211] [203 203 209] scaling the data by dividing with 255 ... [0.69019608 0.63921569 0.64705882] [0.69411765 0.64313725 0.65098039] [0.69803922 0.64705882 0.65490196] [[0.70588235 0.65098039 0.66666667] [0.70588235 0.65098039 0.66666667] [0.70196078 0.64705882 0.6627451] [[0.70588235 0.6627451 0.6745098] [0.70196078 0.65882353 0.67058824] [0.69803922 0.65490196 0.66666667] [0.69803922 0.64705882 0.65490196] [0.70980392 0.65882353 0.66666667] [0.71764706 0.66666667 0.6745098]] [[0.8176471 0.81568627 0.83137255] [0.80784314 0.81276472 0.82743098] [0.79667843 0.79667843 0.81860784] ... [0.81966784 0.81276471 0.8323941] [0.80784314 0.8 0.82352341] [0.78823329 0.78039216 0.80392157] ... [0.79215686 0.78431373 0.80784314] [0.76862745 0.76678431 0.78431373] [0.74901961 0.74117647 0.76470588] [[0.83137255 0.83529412 0.85098039] [0.81960784 0.82352941 0.83921569] [0.81960784 0.81980784 0.84313725] ... [0.79607843 0.78823529 0.81176471] [0.78039216 0.77254902 0.79607843] [0.76862745 0.76078431 0.78431373]] building a neural network import tensorflow as tf import tensorflow_hub as hub pretrained_model = hub.RerasLayer(mob 2022-11-16 13:27:17.668015: I tensorfio prediction of unidentified image def predictalization(rty):
impreciation(rty):
impreciation(rty):
impreciation(repreciation(rty):
impreciation(rty):
impreciatio

Importing the dependencies

