**Pre-trained models**

Use the dataset stored here (https://www.kaggle.com/gunnvant/pretrained\_images\_data). This data set contains more than 500 high resolution images of common world objects. The images in this dataset belong to the following classes:

1. Acoustic guitar
2. Airliner
3. Arabian camel
4. Chihuahua
5. Church
6. German Shepherd
7. Laptop
8. Tabby
9. Violin

Your task is to use a pre-trained model such as VGG16, to arrange these images in new folders, where images of one class are in one folder.

Submission requirements:

1. The code used to arrange data files
2. A csv file with a column on the folder name for each image (based on the class inferred from the model)

|  |  |
| --- | --- |
| file | folder |
| 00001.jpg | acoustic |
| 000045.jpg | laptop |