ReadMe

To use Classifier.ipynb (To train the model):

Load Drive:

```
from google.colab import drive
drive.mount('/content/drive/')
```

Enter Dataset Directory:

```
%cd ./AML_Project/Images/Training/
```

Run all cells sequentially.

To access the trained model:

1. Enter `/content/drive/My Drive/AML_Project/Images/Training.`
2. Load `vgg16_1.h5.` The model gets stored in `/content/drive/My Drive/AML_Project/Images/vgg16_1.h5.`

To test the model:

Load the model from: `/content/drive/My Drive/AML_Project/Images/vgg16_1.h5.`

1. Enter `/content/drive/My Drive/AML_Project/Test.`
2. Specify the range of number of images that contain meme, text and human faces. The ranges can be manually seen(and separated) in : `/content/drive/My Drive/AML_Project/Test/`
3. Results of the test sets are stored in the following directories:
   - `/content/drive/My Drive/AML_Project/Test/Humans_Classified.`
   - `/content/drive/My Drive/AML_Project/Test/Memes_Classified.`
   - `/content/drive/My Drive/AML_Project/Test/Text_Classified.`

To use Face.ipynb (To train the model):

Load Drive:

```
from google.colab import drive
drive.mount('/content/drive/')
```

Run all cells sequentially.

The model takes input images from the

`/content/drive/My Drive/AML_Project/Test/Test1_Classified`

As an output we have 2 directories

1. Priority images
2. Other images