**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/

1. 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