Code Files :

GMM\_Train.ipynb :

To run this code on a system a 'music\_samples' and 'speech\_samples' folder should be there in the same folder as the code which would contain the corresponding music and speech .wav files. This code will generate 8 files which should be saved in a GMM\_weights folder.

GMM\_test.ipynb :

To run this code on a system a 'GMM\_weights' folder (which is there in the 'Model\_parameters' folder) should be there in the same folder as the code which would contain the files generated by GMM\_Train.ipynb. A ‘spectrogram’ folder should also be their in the same folder which would contain the test set. This code will generate a csv file