Code Files :

KMeans\_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 4 '.npy' files which should be saved in a KMeans\_weights folder.

Kmeans\_test.ipynb :

To run this code on a system a 'Kmeans\_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 Kmeans\_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