Consider the attached data sets (training and test) for a music mood classification problem. There are four music classes: Angry, Sad, Happy and Relax. All the features are continuous features extracted using different methods from the acoustic signals of different musics. You have to do the following:

1. Create a machine learning model of your choice to be trained using the training set. You are practically free to use anything, classical ML models, DL models, ensemble models, anything. You can do any preprocessing of the data. But you need to finally select just one model of your choice.

2. Predict the class labels of the test musics in the test data set using your trained model. Note that test data true class labels are not given in the files.

3. Create a .csv file with the test data set along with the predicted class labels. Don't change the indices of the rows. Just create a column with the predicted class labels.