This is a working flow about how to use the these functions to get feature from NIR spectrum

and training the model

If you already have NIR spectrum, you can ignore the **"spec3000"** and **"spec1000**" files. They are specified to put two kinds of dataset together, which represent sequence scan order and mix scan order

At the Beginning, you need use **„separate function”** in **split.m** to spilt the whole data in training data and test data.

And then according to different feature extraction methods yon can use the function with corresponding name. For example if you want use PLS to extract the feature, you can use **"pls function"** in the **"pls.mat",** please check the input and output in the corresponding mat file before using the function.