For K\_Means and EM - Click on "Cluster" tab, and choose the filter.

You may choose the number of clusters by clicking on the name of the filters as "SimpleKMeans" or "EM" respectively.

In terms of the

PCA and Randomized Projection - Upload the datasets, in "PreProcess" Tab just select the filter located at

weka > filters> unsupervised > attributes. Choose "principleComponent" and "RandomProjection" filters respectively in preprocess.

Then click on "Cluster" and choose SimpleKMeans or EM respectively.

In terms of the

ICA and selectKBest, make a traning and testing set in CSV files with extensions .data and .test respectively.

Open Analyze.py and change variable names according to traning and testing dataset names.

(Make sure to keep csv file in the same directory as the analyize.py file)