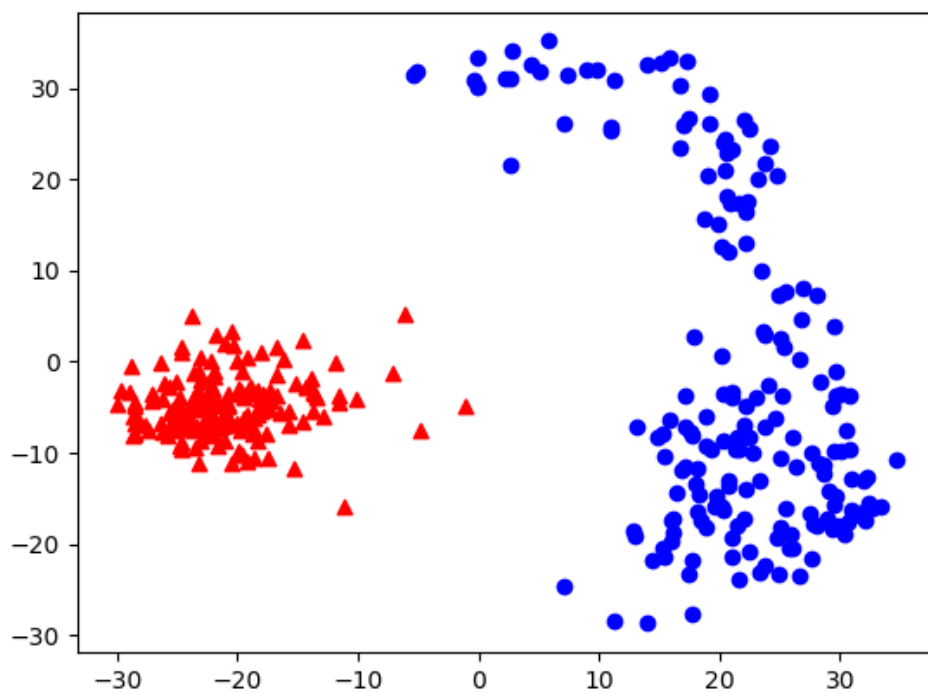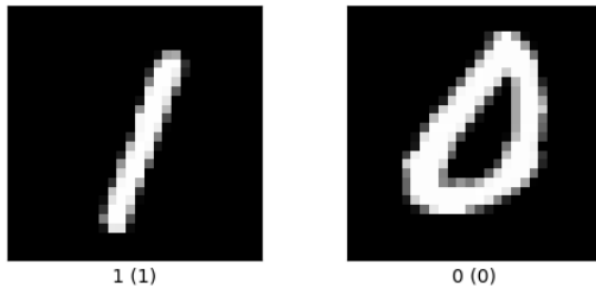PCA Homework

I provide a code example for PCA in MNIST number "0" and "1" using the standard PCA tool in sklearn and output the result.

But you are not allow to use sklearn PCA tools, you can use numpy and scipy.svd. Please delete my code and finish the PCA algorithm by yourself. Your graph can be different with the output of sklearn PCA tool.