**READ ME**

To run Python script for problem 4 go to the command window and type > python Homework2.py i seed

Where i and seed are both integers. i will be the index of the Xtest feature vector that you test classification for using the Bayesian classifier. The seed determines the randomizer for the selection of 3 misclassified digits in part 4c.

Output prints to homework2.txt

Images save as 2b\_Plot\_lnp, 2d\_Misclassified\_Predictions.png, 2e\_Ambiguous\_Predictions.png, and 2f\_Reconstructing\_W