

FL#8

1. Using MNIST dataset, consider the following procedure.
 - A. Randomly select 10,000 images for dataset.
 - B. Separate the dataset into training and test set.
 - C. Train the data using SVM library.
 - i. Input : Training dataset
 - ii. Output : Binary / Ternary decision, training accuracy
 - D. Test the trained parameters using test set.
 - i. Input : Test dataset.
 - ii. Output : Binary / Ternary decision, test accuracy
 - E. Repeat step B-D using k-fold ($k=4$) cross-validation method.

→ If the data size is too large for training, make all 28x28 data into 14x14.