RBM Test Cases:

Training dataset: created from 10,000 images available in neural network toolbox MATLAB. Each image is 28\*28px grayscale image.

Sample Original images used to create dataset:



Later the images are converted to 64\*64 binary for training purpose as shown below:

Note: Edit it later:

In next step, all Images from data set are binarized using “muster (check the name from code)” function, which means its pixels are converted from continuous gray scale to ones and zeros. Every gray-scale pixel with a value higher than 0 becomes a 1, and the rest are set to 0.