

Figure 1: scatter plot of data

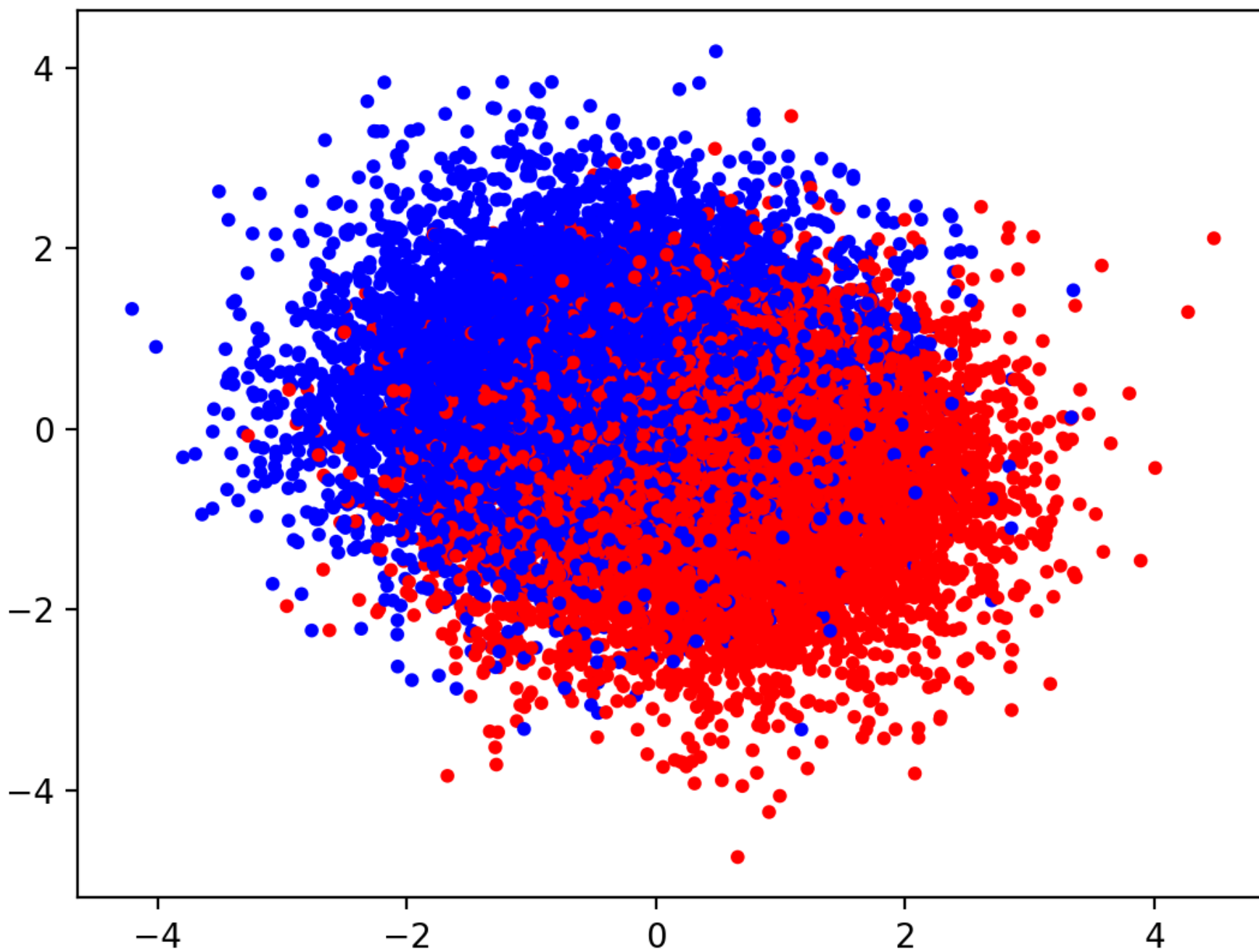


Figure 2: contour plot of logistic decision function

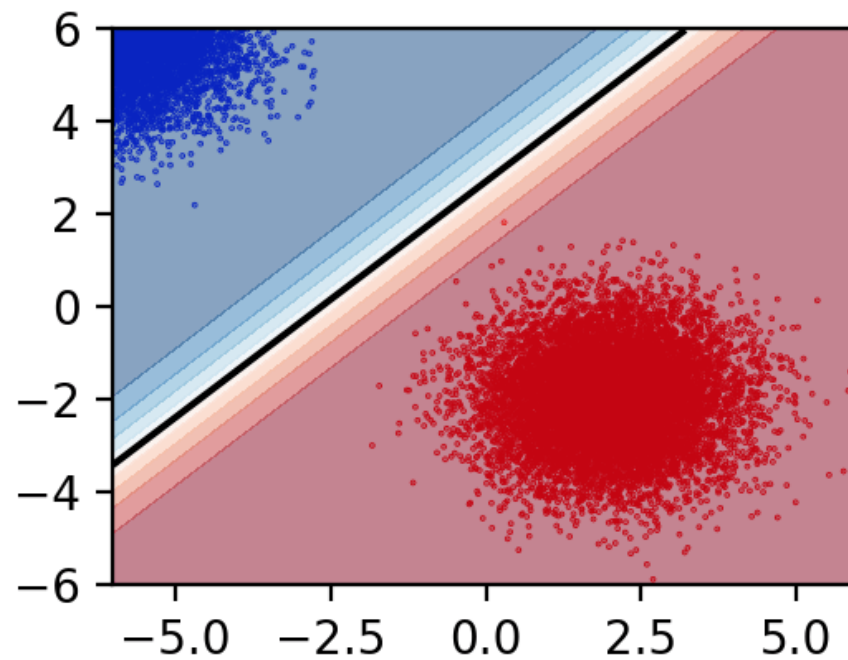
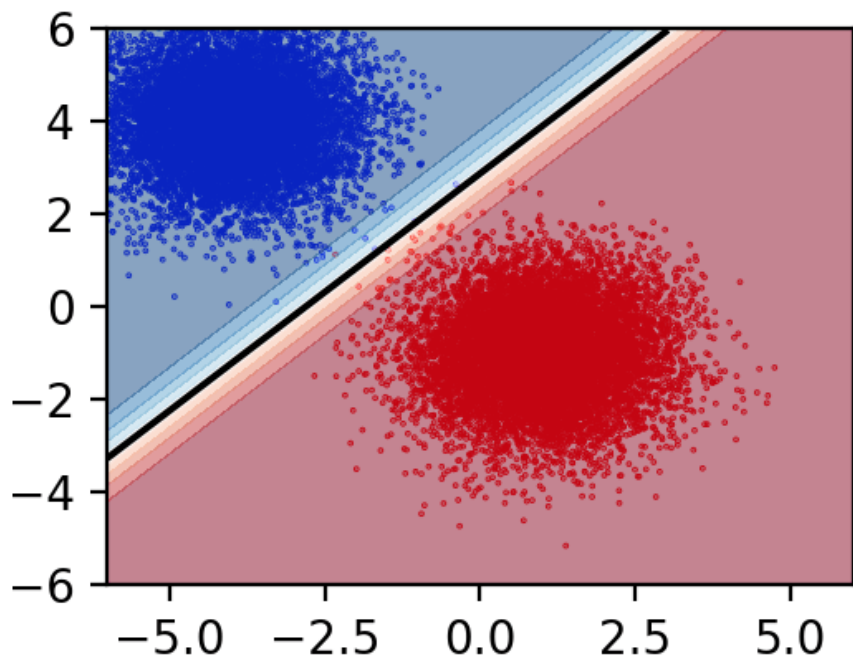
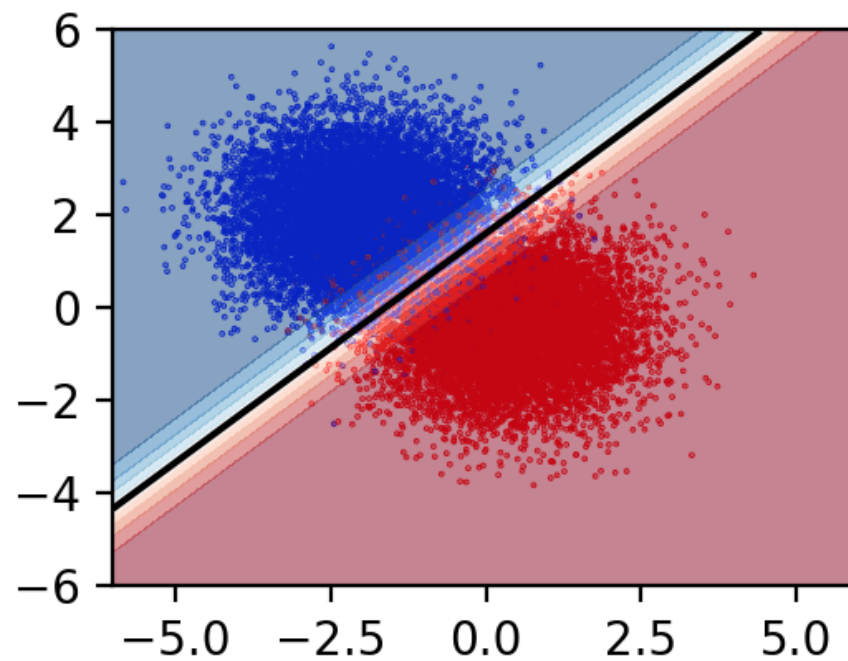
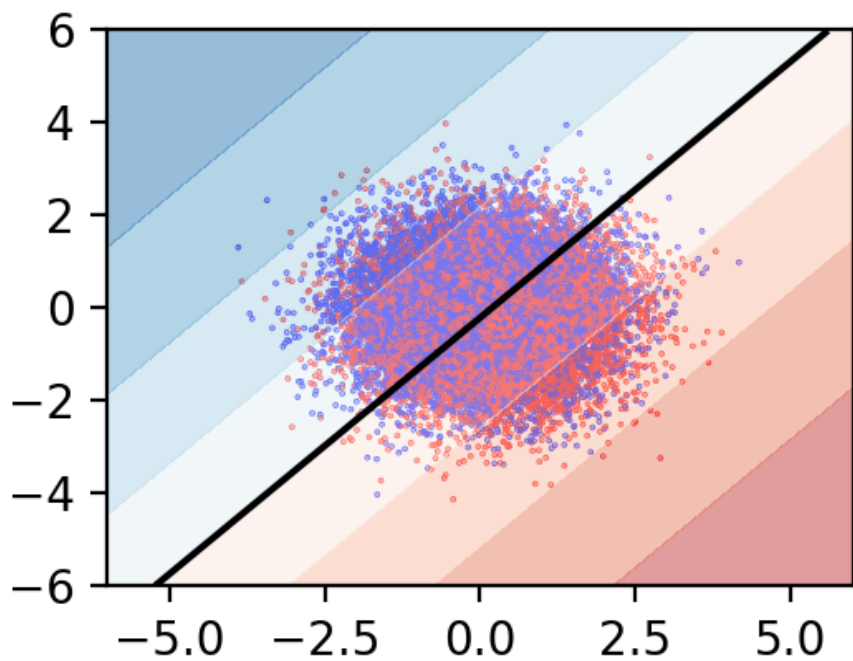


Figure 3: surface plot of logistic decision function

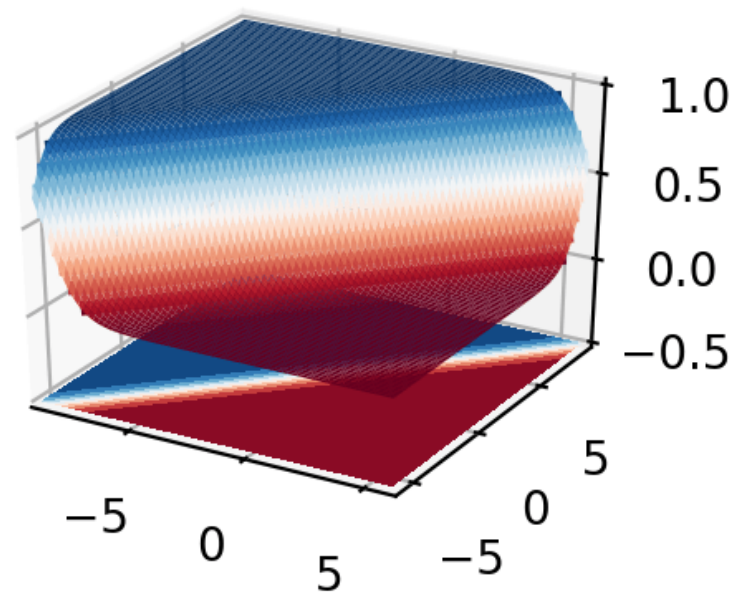
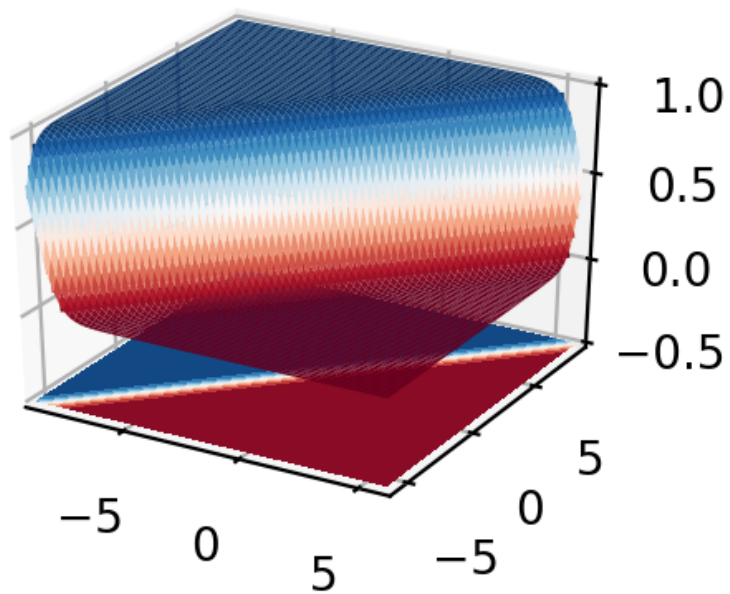
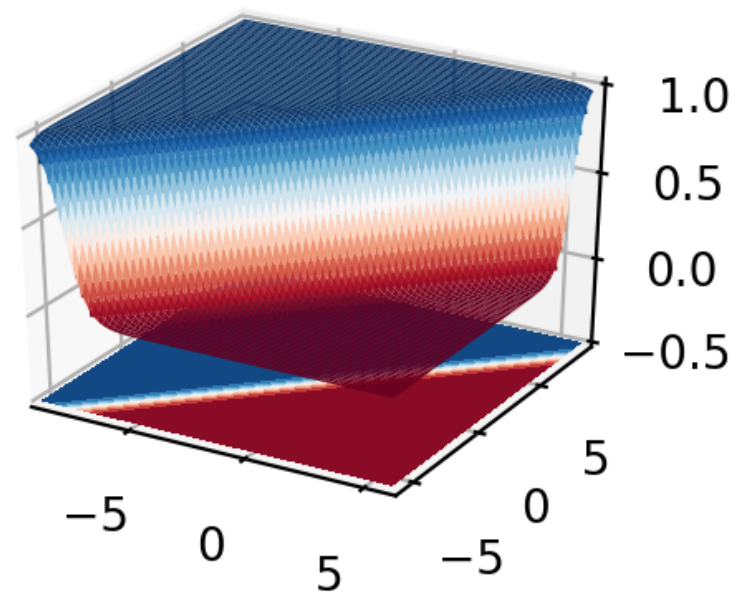
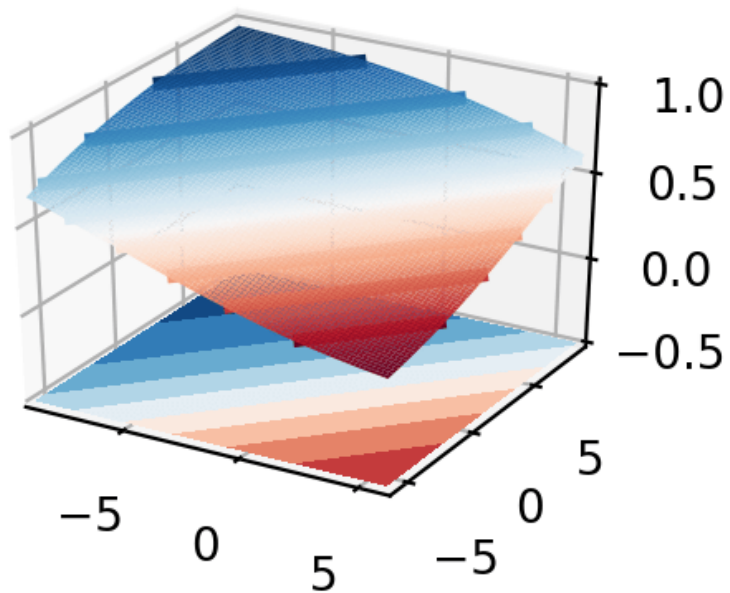


Figure 4: random MNIST images of the digit 5

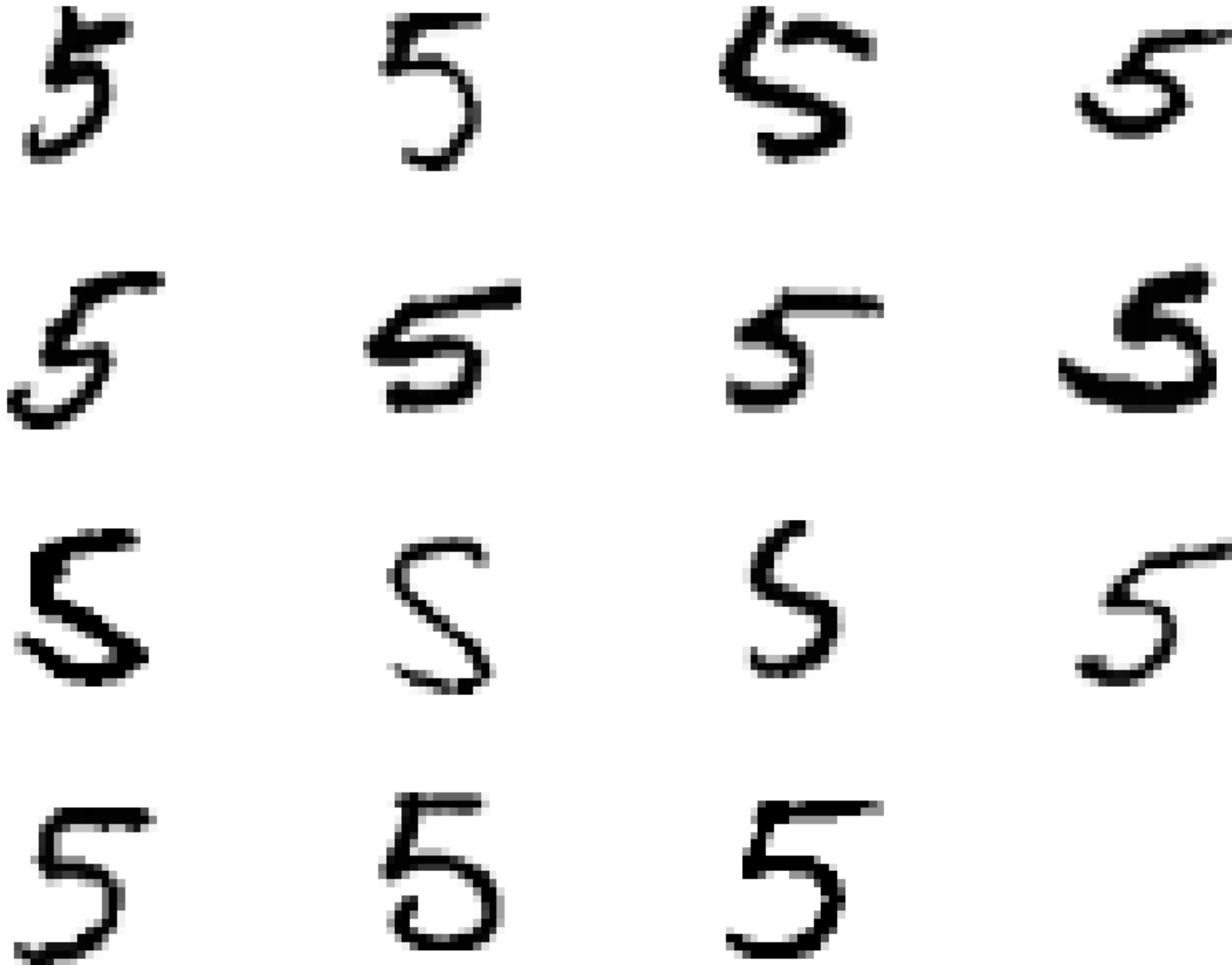


Figure 5: random sample of MNIST training images

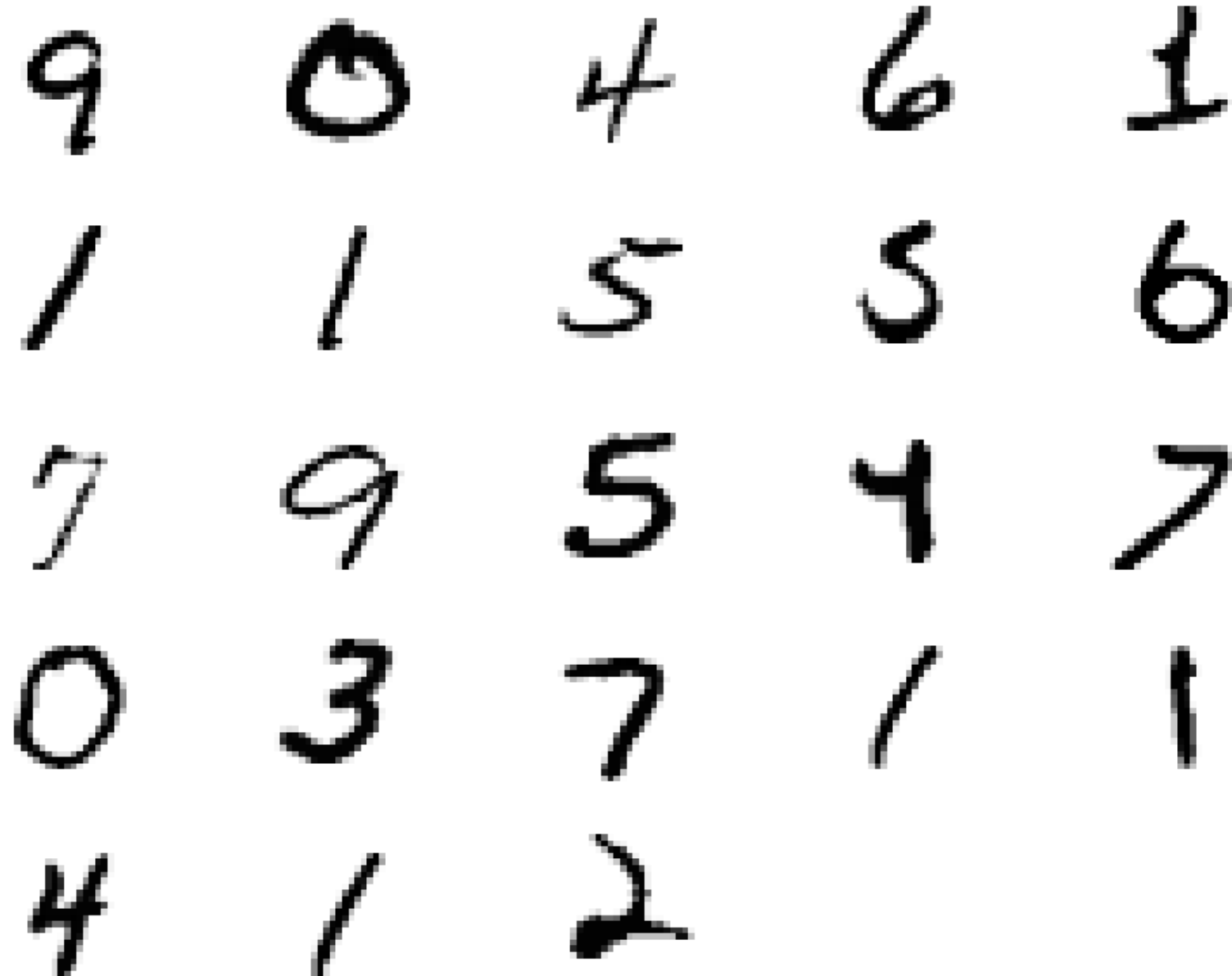


Figure 6: some missclassified images

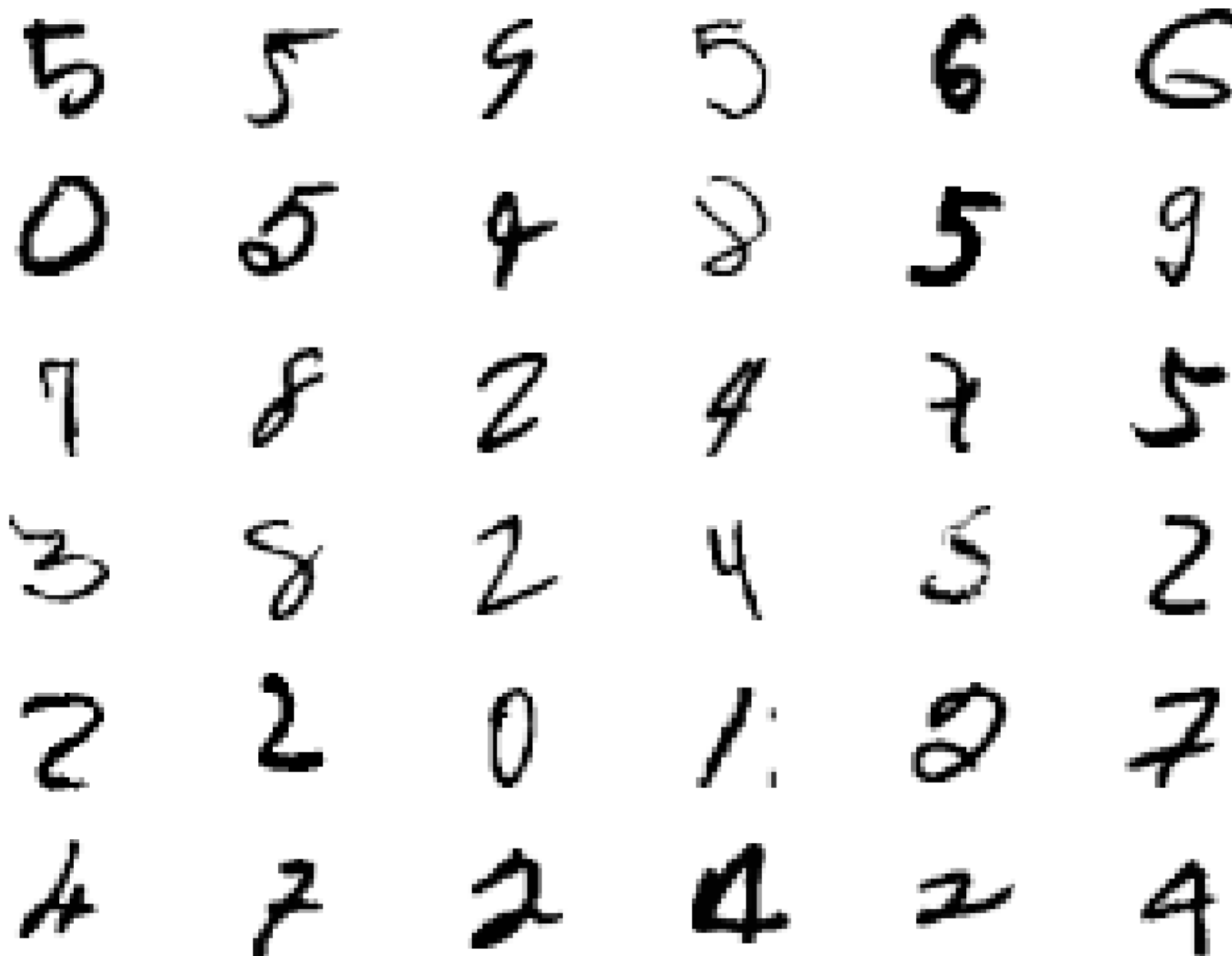


Figure 7: images with the least confident predictions

