Summary

This project demonstrates how specific algorithms can be applied to train a model to recognize hand-written numbers (e.g., like a check scanning system).

Conceptually, the computer should do the following: when presented with a hand-written number, our system should analyze it, and predict the number on the hand-written image.

The project uses the MNIST data set from deeplearning.net which is 70 thousand 28 x 28 images of hand-written numbers.

The goal is for our model to pick the correct number as often as possible.