**Running CNN\_Digit\_Recognition:**

1. Place the input data to a folder with a known path and change the path in the code on line 38 and 39 to the data path.
2. Required Package tensorflow, pandas, numpy, seaborn, matplotlib to run this code. The seaborn and matplotlib are required to plot the graph.
3. Using Spyder in Anaconda or using PyCharm with required package are able to run. You can change the epochs number in line 81 to reduce the running time.
4. The output file is called submission.csv. The file records the prediction of the test data. Label represent which digit and the ids are the order of it. You can check it with the test data in test.csv.