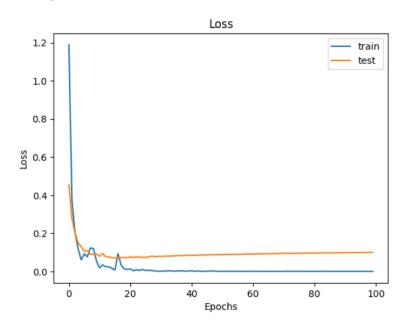
딥러닝 개론 Programming Assignment 1

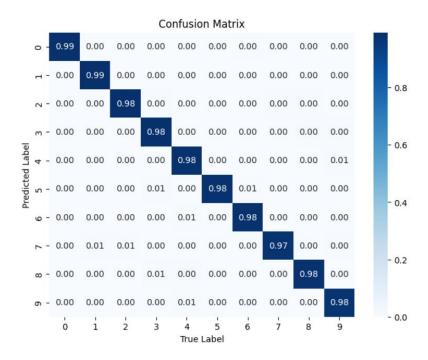
202011133 윤현서

1. NN with python

100 Epoch Finished Accuracy: 98.17%

(1) Loss graph



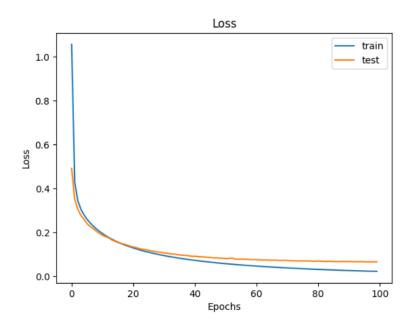


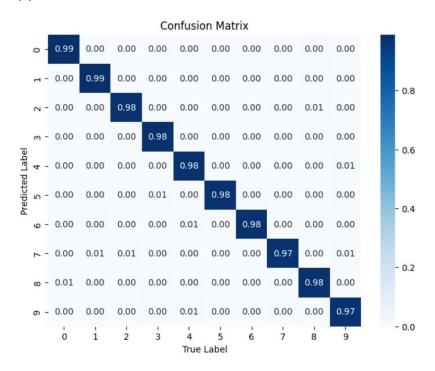
100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 5 5 S 100.0%, 100.0%, 100.0% 666 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 8 R X 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0%

2. NN with DL framework

테스트 정확도: 0.9797999858856201

(1) Loss graph



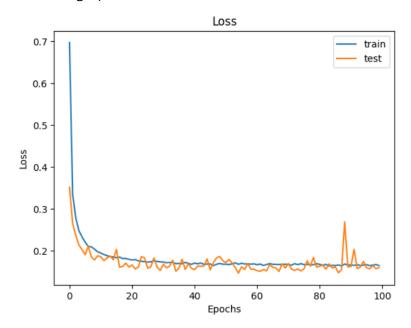


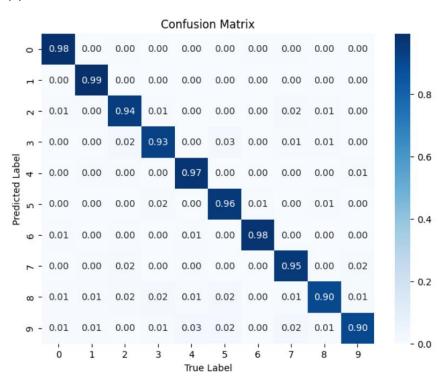
100.0%, 100.0%, 100.0% 0 O O 100.0%, 100.0%, 100.0% **aaa** 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% S S 5 100.0%, 100.0%, 100.0% 666 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0%

3. CNN with python

100 Epoch Finished Accuracy: 95.24%

(1) Loss graph



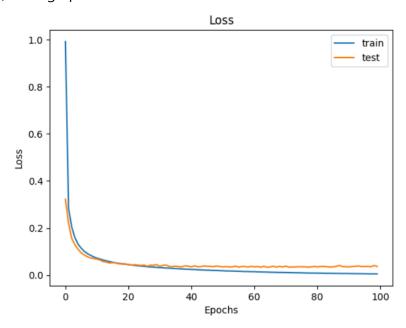


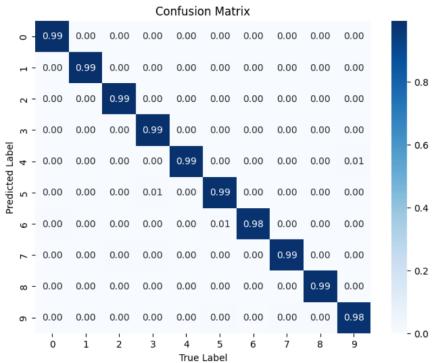
100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 22 100.0%, 100.0%, 100.0% 333 100.0%, 100.0%, 100.0% 444 100.0%, 100.0%, 100.0% **55**5 100.0%, 100.0%, 100.0% **66**6 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0%

4. CNN with DL framework

테스트 정확도: 0.9886999726295471

(1) Loss graph





100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0% 100.0%, 100.0%, 100.0%