

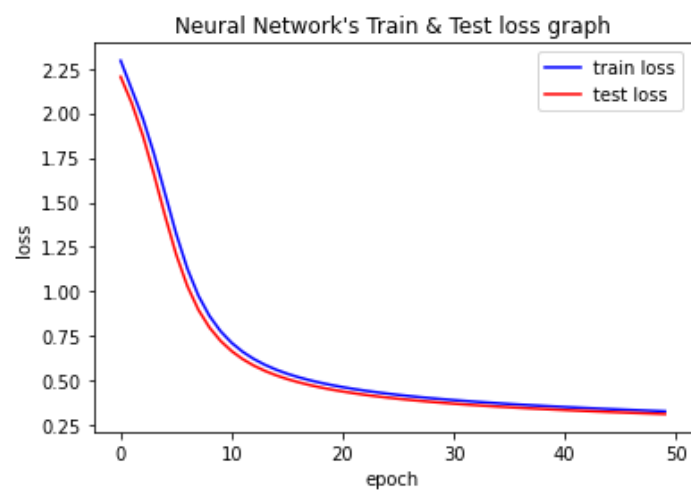
# Assignment 1

## Introduction to Deep Learning

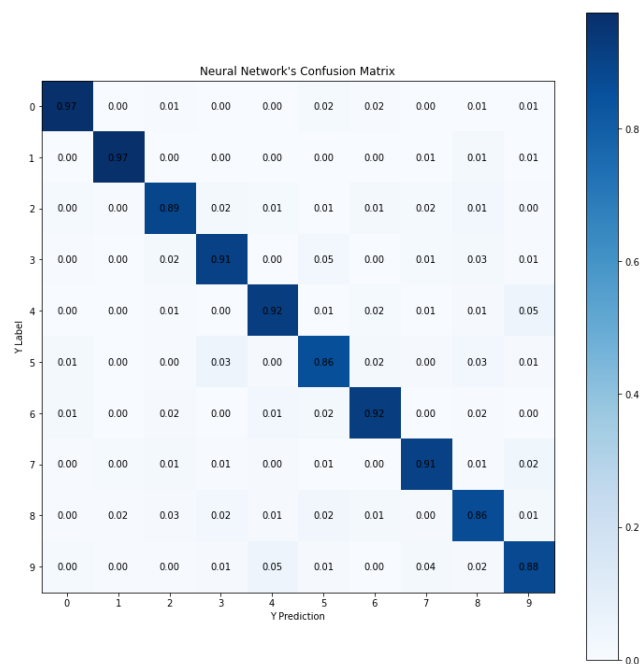
201911013 곽현우

### 1. 3-layer Neural Network(NN)































#### 1-1. Loss Graph



#### 1-2. Confusion Matrix

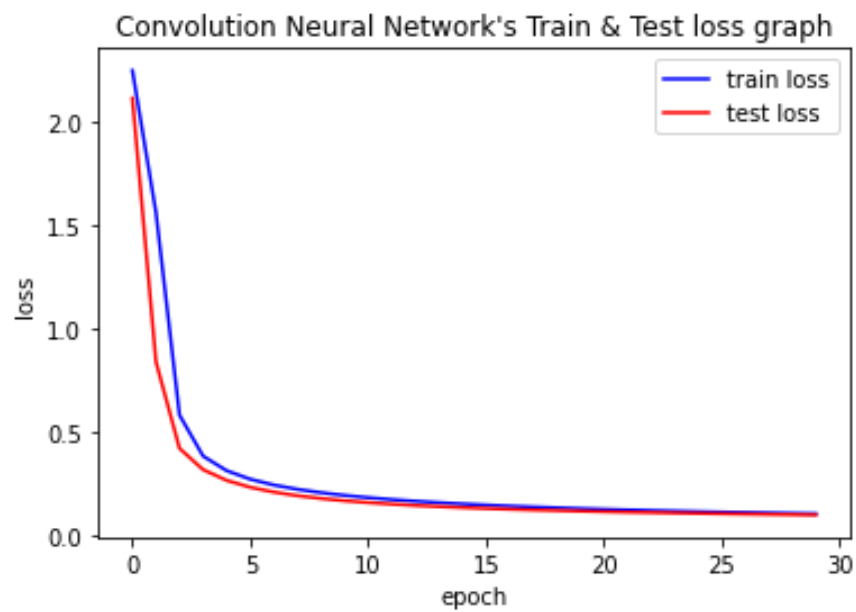


### 1-3. Top-3 Images with Probability

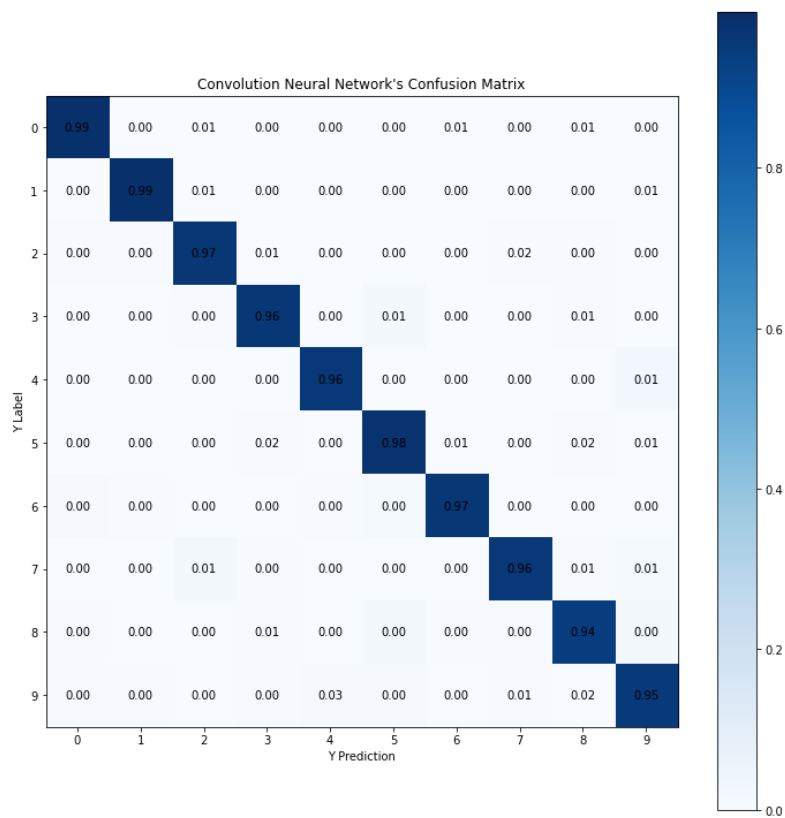
100.00%	100.00%	100.00%
		
99.77%	99.78%	99.79%
		
100.00%	100.00%	100.00%
		
99.98%	99.99%	99.99%
		
99.96%	99.97%	99.98%
		
99.89%	99.92%	99.93%
		
99.99%	100.00%	100.00%
		
99.98%	99.99%	99.99%
		
99.95%	99.95%	99.95%
		
99.39%	99.44%	99.52%
		

## 2. Convolution Neural Network(CNN)

### 2-1. Loss Graph



### 2-2. Confusion Matrix



## 2-3. Top-3 Images with Probability

