

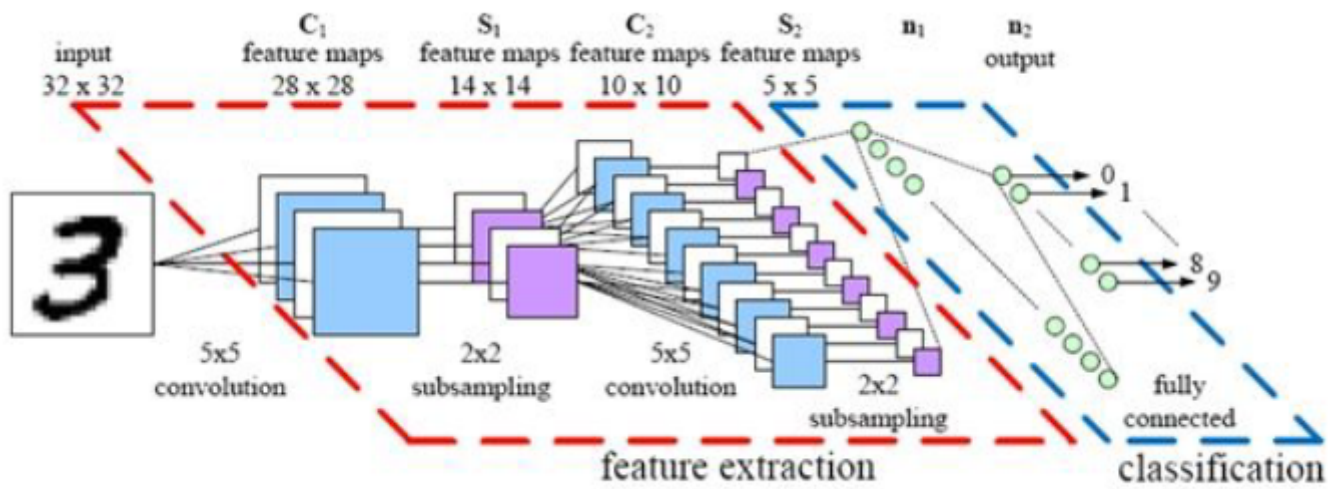
시즌 1 - 딥러닝의 기본 - ML lab 11

노트북: 모두를 위한 머신러닝
만든 날짜: 2019-01-10 오후 2:35
작성자: rr
태그: #모두를 위한, .ML lab

수정한 날짜: 2019-01-11 오후 3:38

ML Lab 11

= CNN



= simple convolution layer

Image: 1,3,3,1 image, Filter: 2,2,1,1, Stride: 1x1, Padding: VALID

image num nXn color filter num

```
conv2d = tf.nn.conv2d(image, weight, strides=[1, 1, 1, 1], padding='VALID')
```

= MNIST Max pooling

```
pool = tf.nn.max_pool(conv2d, ksize=[1, 2, 2, 1], strides=[1, 2, 2, 1], padding='SAME')
```

