2) result

Baseline: 75.3

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 30, 30, 64)	1792
max_pooling2d (MaxPooling2D)	(None, 15, 15, 64)	
dropout (Dropout)	(None, 15, 15, 64)	
conv2d_1 (Conv2D)	(None, 15, 15, 128)	73856
max_pooling2d_1 (MaxPooling 2D)	(None, 7, 7, 128)	
dropout_1 (Dropout)	(None, 7, 7, 128)	
conv2d_2 (Conv2D)	(None, 7, 7, 256)	295168
conv2d_3 (Conv2D)	(None, 7, 7, 256)	590080
max_pooling2d_2 (MaxPooling 2D)	(None, 3, 3, 256)	
flatten (Flatten)	(None, 2304)	
dense (Dense)	(None, 1000)	2305000
dropout_2 (Dropout)	(None, 1000)	
dense_1 (Dense)	(None, 10)	10010
Total params: 3,275,906 Trainable params: 3,275,906 Non-trainable params: 0		=======================================

New model (DenseNet201): 83.3

Layer (type)	Out put	Shape	 Param #
densenet201 (Functional)	(None,	1, 1, 1920)	18321984
flatten_1 (Flatten)	(None,	1920)	0
dense_2 (Dense)	(None,	1000)	1921000
dense_3 (Dense)	(None,	10)	10010
Total params: 20,252,994 Trainable params: 20,023,938 Non-trainable params: 229,05			======

Vanilla CNN에서 denseNet으로 변경하였으며, 기존 코드 대비 정확도가 8% 상승했습니다.

3) Runtime environment

Cloud (Colab), GPU

```
sklearn version 1.2.2
tensorflow version 2.12.0
python version 3.9.16 (main, Dec 7 2022, 01:11:51)
[GCC 9.4.0]
```

