

ksh-case2-LabNote01

제목	내용
모델 요약 (ex. 블록 개수, 구조 등)	<pre> Layer (type) Output Shape Param # ===== efficientnetv2-b0 (Function (None, 10, 10, 1280) 5919312 al) batch_normalization (BatchN multiple 5120 ormalization) re_lu (ReLU) multiple 0 dropout (Dropout) multiple 0 global_average_pooling2d (G multiple 0 lobalAveragePooling2D) dropout_1 (Dropout) multiple 0 dense (Dense) multiple 2562 ===== Total params: 5,926,994 Trainable params: 5,863,826 Non-trainable params: 63,168 </pre>
optimizer	Adam
scheduler	CosineDecayRestarts
init learning rate	0.0005
decay steps	1200
batch size	16
epoch	50
GPU 여부 (0 / X)	0
loss function	CategoricalCrossentropy
best model	
Train Loss	0.0278
Test Loss	0.0159
Train accuracy / recall / F1-Score	1.0 / 1.0 / 1.0
Test accuracy / recall / F1-Score	0.9923 / 0.9863 / 0.9931
val2_cnt (total 50)	48
must_cnt (total 10)	10

이전 실험과 다른 점 : Batch Normalization 적용

결론 : Batch Normalization 적용된 모델이 훨씬 좋다 !