모델 학습 보고서

이나겸

resnet18로 10 epoch만 돌려도 accuracy가 좋아서 resnet50도 10 epoch를 돌렸는데, 결과가 좋지 않아서 30 epoch를 돌리니 resnet18과 비슷해졌다. aumentation은 Resize만 넣었을 때 evaluation acc 결과가 88~92정도 였고, RandomHorizontalFlip과 RandomVerticalFlip를 추가하니 평균 86으로 떨어졌다. RandomAdjustSharpness을 추가하고 나니 evaluation acc 결과가 92~94 정도가 되었다.

model	resnet18
augmentation	Resize, RandomAdjustSharpeness(1,5)
epoch	10
Loss	CrossEntropyLoss()
optimizer	SGD / lr = 0.01 / momentum = 0.9
best.pt	Preparing the image.. Starting evaluation 5it [00:01, 3.50it/s] Test acc for image : 78 ACC : 94.87 End test..
last.pt	Preparing the image.. Starting evaluation 5it [00:01, 3.22it/s] Test acc for image : 78 ACC : 89.74 End test..

model	resnet50
augmentation	Resize, RandomAdjustSharpeness(1,5)
epoch	30
Loss	CrossEntropyLoss()
optimizer	SGD / lr = 0.01 / momentum = 0.9
best.pt	Preparing the image.. 0it [00:00, ?it/s]Starting evaluation 5it [00:01, 2.88it/s] Test acc for image : 78 ACC : 96.15 End test..
last.pt	Preparing the image.. Starting evaluation 5it [00:01, 2.87it/s] Test acc for image : 78 ACC : 88.46 End test..