

# MINI PROJECT No.3

ResNet 모델 전이학습

# 학습 데이터

현업에서 분류가 필요한 객체 : 차량, 보행자



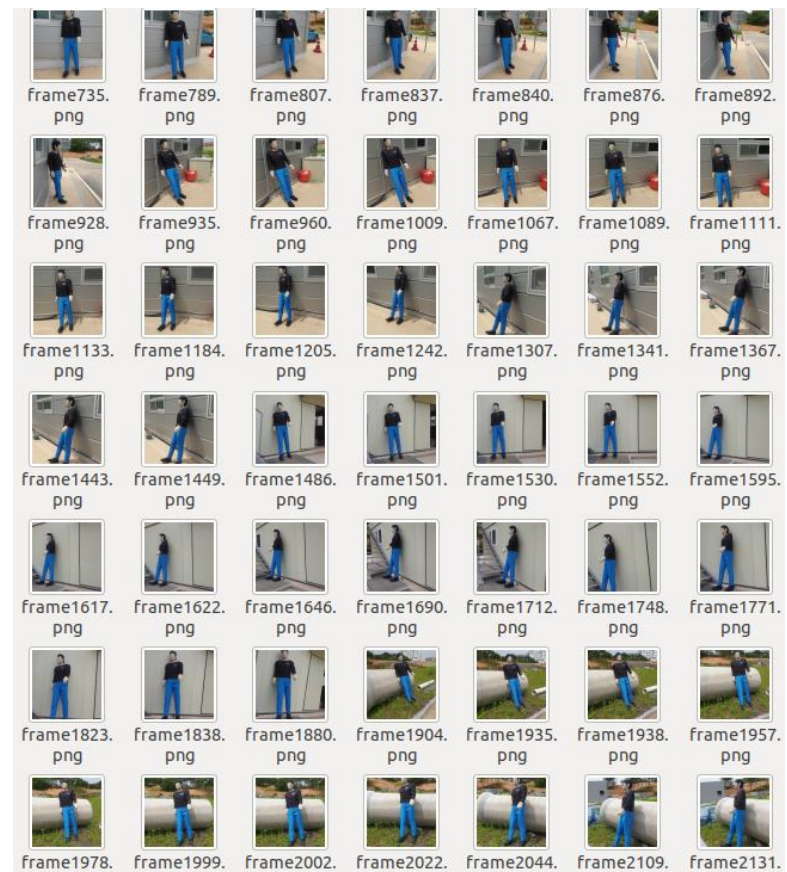
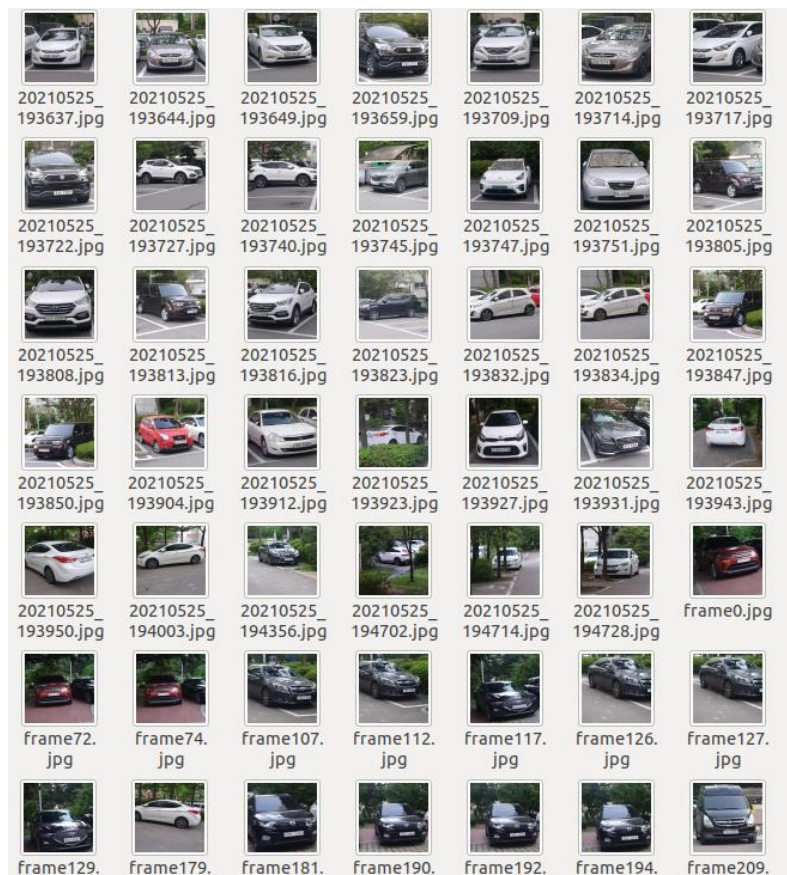
차량



더미(보행자)

# 학습 데이터

Dataset 구성 - Train : Validation = 8 : 2



# 학습 결과

lr=0.005

```
Epoch 17/24
-----
train Loss : 0.4155   train Acc: 0.9208
val Loss : 0.0000   val Acc: 1.0000

Training Complete in 0m 53s
Best val Acc : 1.000000
```

lr=0.001

```
Epoch 11/24
-----
train Loss : 0.1590   train Acc: 0.9292
val Loss : 0.0015   val Acc: 1.0000

Training Complete in 0m 35s
Best val Acc : 1.000000
```

lr=0.0005

```
Epoch 2/24
-----
train Loss : 0.1652   train Acc: 0.9625
val Loss : 0.0221   val Acc: 1.0000

Training Complete in 0m 8s
Best val Acc : 1.000000
```

# 학습 후 예측 결과

predicted : Dummy



predicted : Dummy



predicted : Car



predicted : Car



predicted : Dummy



predicted : Car

