

MLDL 복습 STUDY 01

- Object Detection
- mAP
- FPS
- YOLO

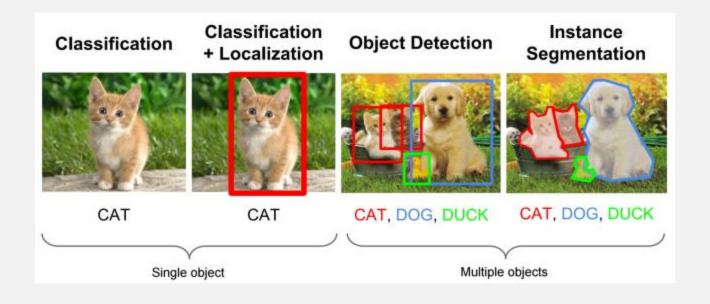


Object Detection

Object detection = Classification + Localization



Object Detection

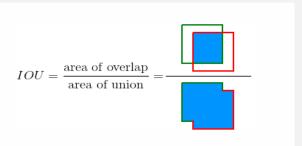




mAP, FPS

mAP (pascalvoc.py?)

IoU (Intersection of Union)



정밀도 (Precision)

$$Precision = \frac{TP}{TP+FP} = \frac{TP}{all\ Detection}$$

재현율 (Recall)

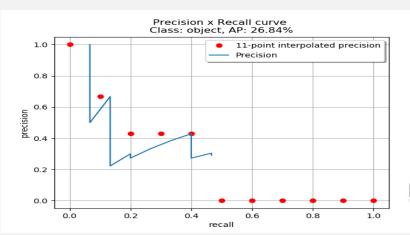
$$Recall = \frac{TP}{TP + FN} = \frac{TP}{all ground Truths}$$

True Positive (TP) : 맞다고 추측하고 실제로 맞음

False Positive (FP) : 맞다고 추측하고 실제로 틀림

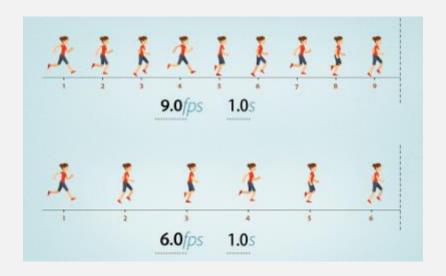
False Negative (FN) : 아니라고 추측하고 실제로 맞음

True Negative (TN) : 아니라고 추측하고 실제로 아님





FPS(Frame Per Second)





YOLO

YOLO

