



deeplearning.ai

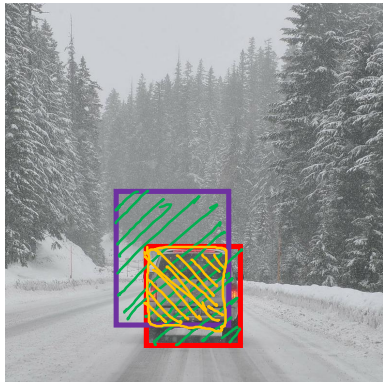
Object Detection

Intersection over union

*how to tell if your object detection algorithm is
working well?*

Evaluating object localization

이해



Intersection over Union (IoU)

$$= \frac{\text{Size of } \text{yellow box}}{\text{Size of } \text{green box}}$$

“Correct” if $\text{IoU} \geq 0.5$ ←

0.6 ←

More generally, IoU is a measure of the overlap between two bounding boxes.