

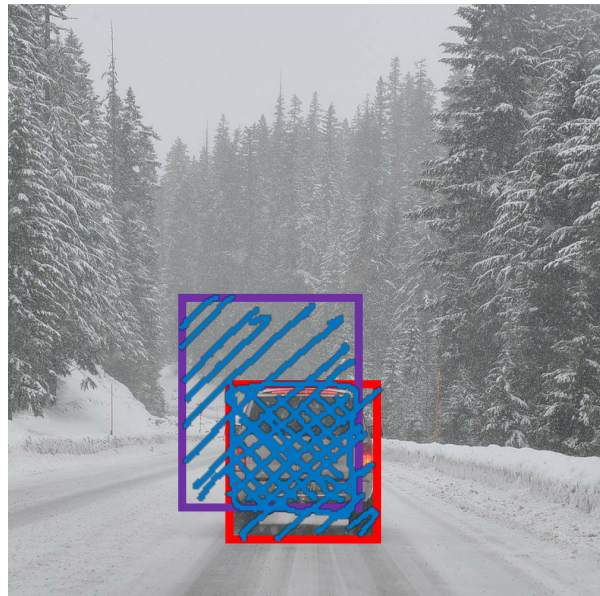


deeplearning.ai

Object Detection

Intersection
over union

Evaluating object localization



Intersection over Union (IoU)

$$= \frac{\text{Size of } \text{[shaded intersection]}}{\text{Size of } \text{[union of boxes]}}$$

"Correct" if $\text{IoU} \geq 0.5$ ←

0.6 ←

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