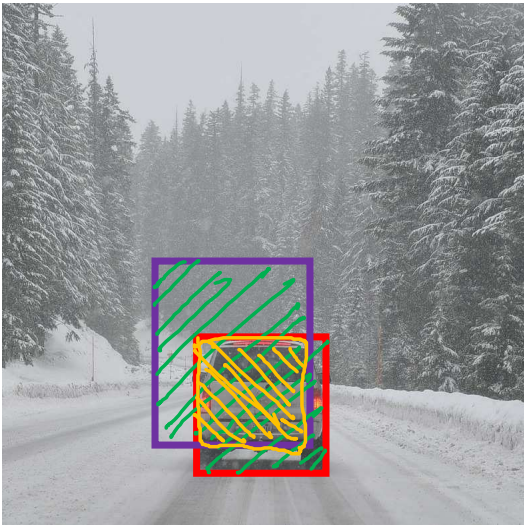deeplearning.ai

Object Detection

Intersection over union

Evaluating object localization

Intersection over Union $\quad$ (IoU)

$$= \frac{\text{Size of } \boxed{\text{(orange box)}}}{\text{Size of } \boxed{\text{(green box)}}}$$

"Correct" if IoU $\geq$ $\boxed{0.5}$ $\leftarrow$

0.6 $\leftarrow$

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

Andrew Ng