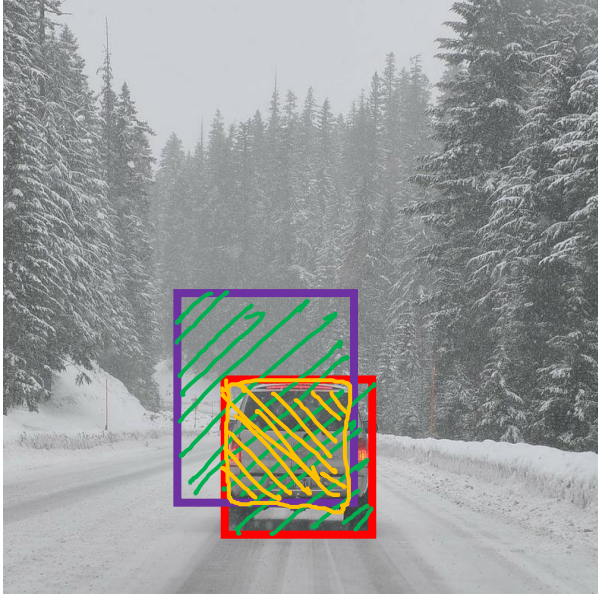deeplearning.ai

Object Detection

Intersection over union

Evaluating object localization

Intersection over Union (IoU)

$$= \frac{\text{Size of } \blacksquare}{\text{Size of } \blacksquare}$$

"Correct" if IoU ≥ 0.5

0.6

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

Andrew Ng