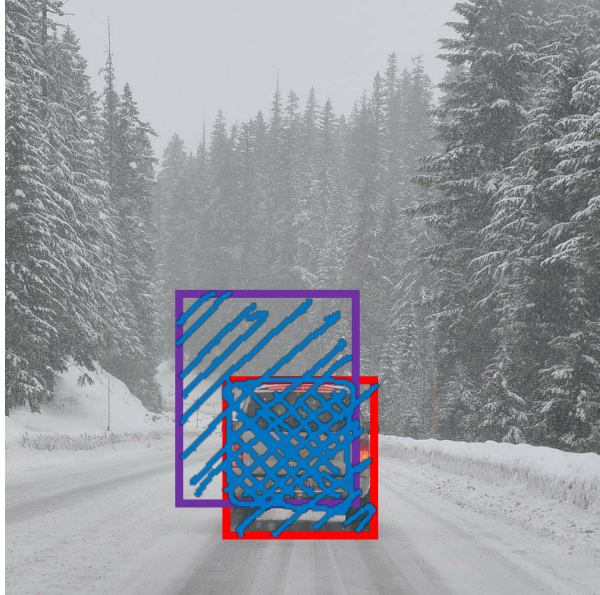# Object Detection

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Intersection over union

deeplearning.ai

Evaluating object localization

Intersection over Union   (IoU)

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

"Correct" if IoU ≥ 0.5

0.6

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

Andrew Ng