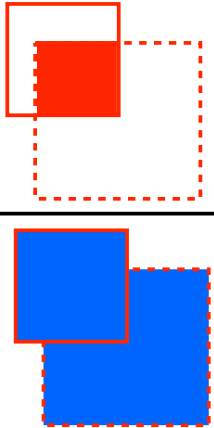


$$\text{IOU} = \frac{\text{Area of Overlap}}{\text{Area of Union}}$$


The diagram illustrates the Intersection over Union (IOU) formula. It shows two overlapping rectangles: a red one and a blue one. The intersection area is shaded red, and the union area is shaded blue.

