



deeplearning.ai

Object Detection

Non-max
suppression

Non-max suppression example

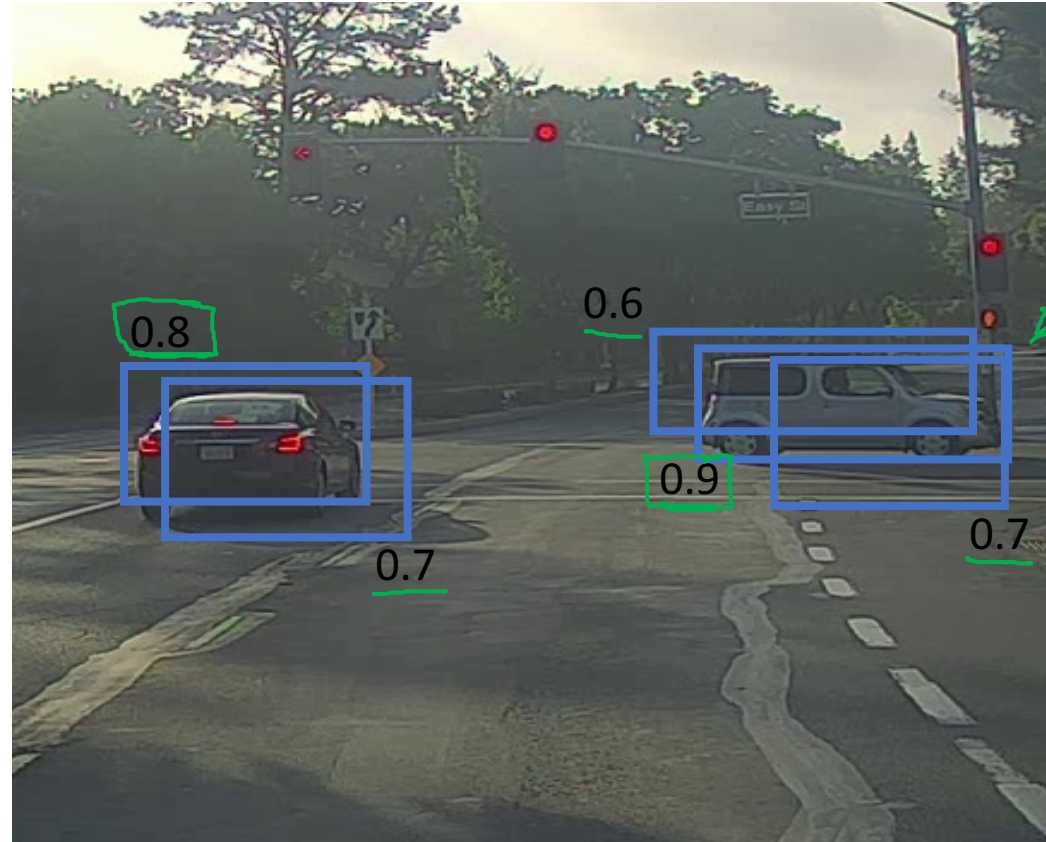


Non-max suppression example



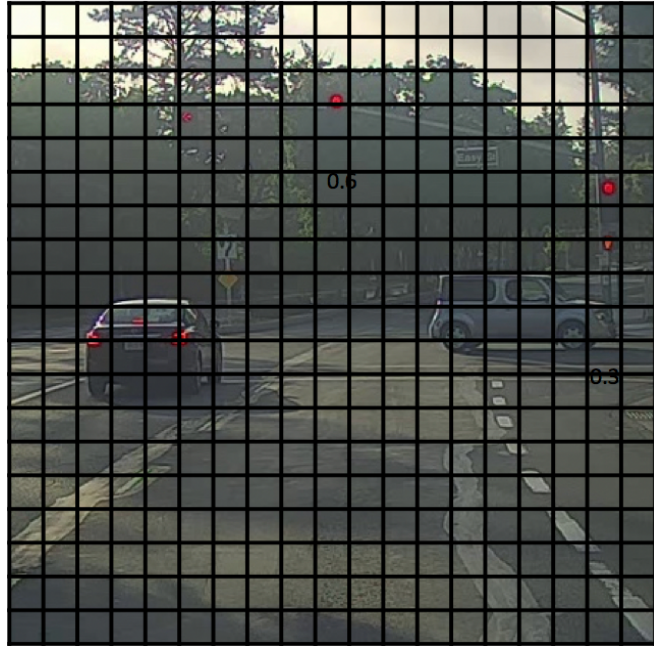
19x19

Non-max suppression example



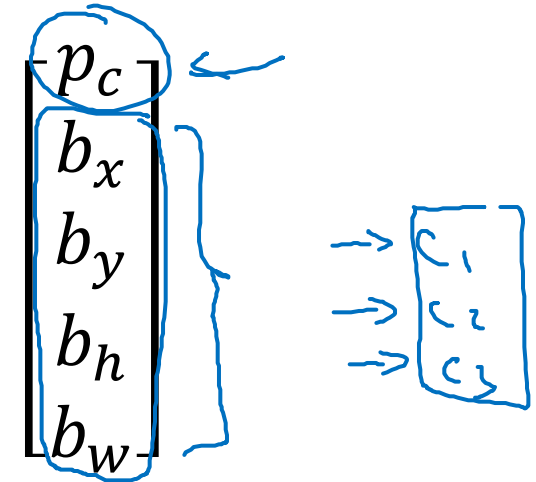
P_c

Non-max suppression algorithm



19x19

Each output prediction is:



Discard all boxes with $p_c \leq 0.6$

→ While there are any remaining boxes:

- Pick the box with the largest p_c
Output that as a prediction.
- Discard any remaining box with $\text{IoU} \geq 0.5$ with the box output in the previous step