



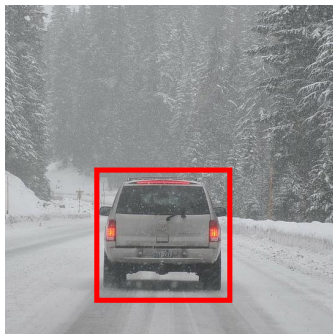
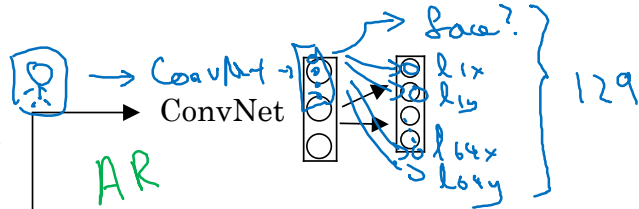
deeplearning.ai

# Object Detection

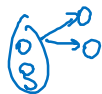
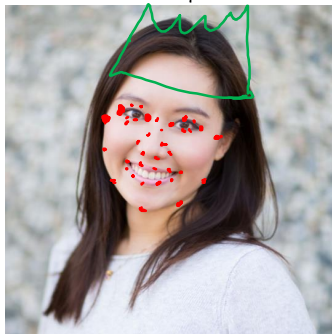
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Landmark  
detection

# Landmark detection



$b_x, b_y, b_h, b_w$



$l_{1x}, l_{1y}, l_{2x}, l_{2y}, l_{3x}, l_{3y}, l_{4x}, l_{4y}, \dots, l_{64x}, l_{64y}$

$x, y$

$l_{1x}, l_{1y}, \dots, l_{32x}, l_{32y}$