



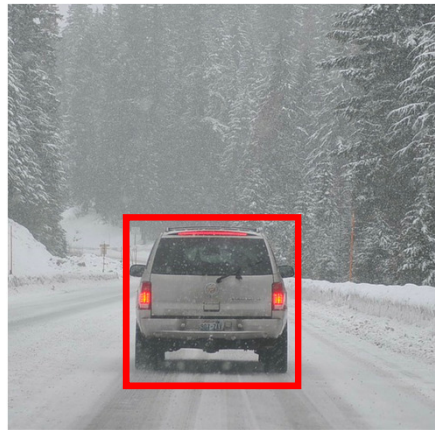
deeplearning.ai

# Object Detection

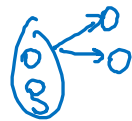
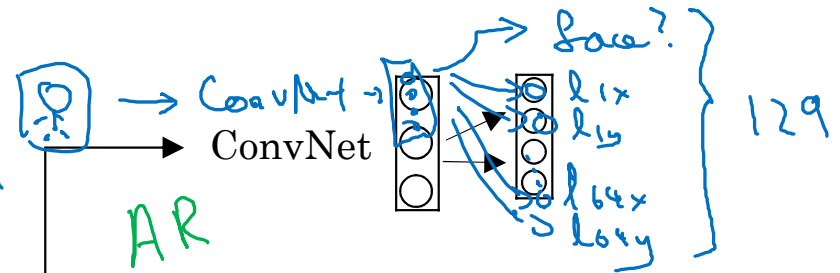
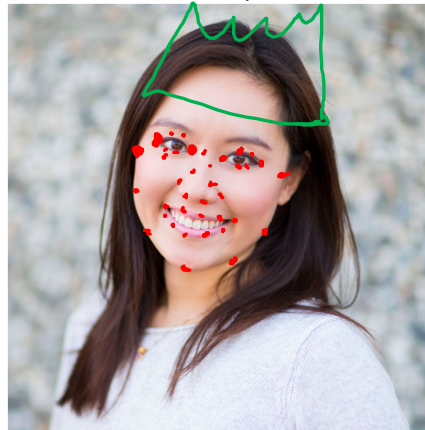
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Landmark  
detection

# Landmark detection



$b_x, b_y, b_h, b_w$



Handwritten list of landmark coordinates:

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

These coordinates are grouped by a bracket and labeled  $x, y$ .

Handwritten list of landmark coordinates:

- $l_{1x}, l_{1y},$
- $\vdots$
- $l_{32x}, l_{32y}$