Detection algorithms
Graded Quiz • 30 min

coursera

Due May 25, 12:59 PM +06

Detection algorithms

- **Video:** Object Localization 11 min
- **Video:** Landmark Detection 5 min
- **Video:** Object Detection 5 min
- **Video:** Convolutional Implementation of Sliding Windows 11 min
- **Reading:** Convolutional Implementation of Sliding Windows 1 min
- **Video:** YOLO Algorithm 7 min
- **Reading:** YOLO algorithm *CORRECTION* 1 min
- **Video:** (Optional) Region Proposals 6 min

Practice questions

- **Quiz:** Detection algorithms 10 questions

Programming assignments

Congratulations! You passed!

TO PASS 80% or higher

QUIZ • 30 MIN

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GRADE 100%

Detection algorithms

Detection algorithms

LATEST SUBMISSION GRADE 100%

Submit your assignment

DUE May 25, 12:59 PM +06 **ATTEMPTS** 3 every 8 hours

1. You are building a 3-class object classification and localization algorithm. The classes are: pedestrian (c=1), car (c=2), motorcycle (c=3). What would be the label for the following image? Recall $y = [p_c, b_x, b_y, b_h, b_w, c_1, c_2, c_3]$ **1 / 1 point**

Try again

er

View Feedback

eep your highest score

Correct

2. Continuing from the previous problem, what should y be for the image below? Remember that "?" means "don't care", which means that the neural network loss function won't care what the neural network gives for that component of the output. As before, $y = [p_c, b_x, b_y, b_h, b_w, c_1, c_2, c_3]$. **1 / 1 point**