edX

Lesson Quiz

Answer the following questions to test your knowledge of the concepts and techniques taught in this lesson.

Question 1

1/1 point (graded)
For the Object Detection networks we looked at, which offers the greatest accuracy in terms of detection?
Choose one.

○ R-CNN

○ Fast R-CNN

◉ Faster R-CNN ✔

○ YOLO

○ SSD

Explanation
While SSD offers the greatest speed and accuracy approaching Faster R-CNN, Faster R-CNN offers the greatest accuracy.

| Submit | You have used 1 of 1 attempt |

ⓘ Answers are displayed within the problem

Question 2

1/1 point (graded)
Which of the following networks use separate object proposal methods?
Choose all that apply

- ☑ **R-CNN** ✔

- ☑ **Fast R-CNN** ✔

- ☐ Faster R-CNN

- ☐ YOLO

- ☐ SSD

✔

Explanation
R-CNN and Fast R-CNN used Selective Search. Faster R-CNN used its own internal Region Proposal Network, and YOLO and SSD do not use object proposals.

| Submit | You have used 1 of 1 attempt

ⓘ Answers are displayed within the problem

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