≡

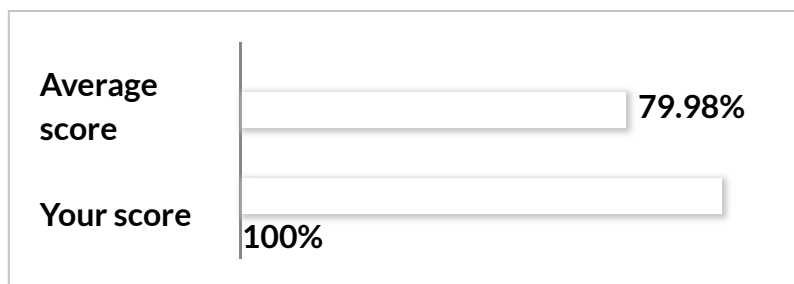## PyImageSearch Gurus Course

⌂ (HTTPS://GURUS.PYIMAGESEARCH.COM) ›

The 6-Step Framework Quiz

Results

4 of 4 questions answered correctly

Your time: 00:00:24

Feedback

You have reached 4 of 4 points, (100%)

Average score	79.98%
Your score	100%

Click Here to Continue (https://gurus.pyimagesearch.com/lessons/getting-started-with-dalal-and-triggs-object-detectors/?quiz_type=lesson&quiz_redirect=1&lesson_id=1838&quiz_id=4623)

Restart quiz   View questions

1. Question

All of the below are problems with Haar cascades for object detection *except:*

○ They have many parameters to tweak.

○ Haar cascades tend to have a high false-positive detection rate.

○ They are extremely slow to train.

◉ **They are unsuitable for real-time object detection.**

Correct

2. Question

When training an object detector, your training data must include *both* the training images *and* the associated bounding boxes.

○ False

◉ **True**

Correct

3. Question

The primary reason we use a negative training set when constructing a HOG descriptor is to:

◉ **Provide example ROIs of images that do not contain the object we want to detect.**

○ Using a negative training set has no benefit when building object detectors.

○ Add additional training data to make our detector more accurate.

Correct

4. Question

The purpose of hard-negative mining is to:

○ Reduce the time it takes to train our classifier.

◉ **Reduce the number of false-positive detections in our final detector.**

○ Speedup the time it takes to apply the image pyramid and sliding window.

○ Augment our positive training data with extra positive ROI examples.

Correct

Course Progress

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Click the button below to **continue your journey to computer vision guru**.

I'm ready, let's go! (/pyimagesearch-gurus-course/)

Resources & Links

- PyImageSearch Gurus Community (https://community.pyimagesearch.com/)
- PyImageSearch Virtual Machine (https://gurus.pyimagesearch.com/pyimagesearch-virtual-machine/)
- Setting up your own Python + OpenCV environment (https://gurus.pyimagesearch.com/setting-up-your-python-opencv-development-environment/)
- Course Syllabus & Content Release Schedule (https://gurus.pyimagesearch.com/course-syllabus-content-release-schedule/)
- Member Perks & Discounts (https://gurus.pyimagesearch.com/pyimagesearch-gurus-discounts-perks/)
- Your Achievements (https://gurus.pyimagesearch.com/achievements/)
- Official OpenCV documentation (http://docs.opencv.org/index.html)

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