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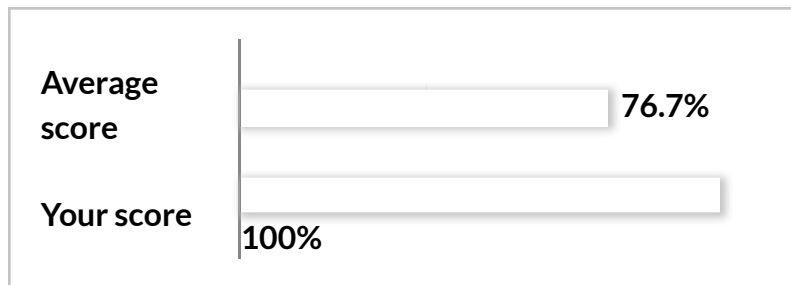
# Thresholding Quiz

## Results

4 of 4 questions answered correctly

Your time: 00:00:19

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



Click Here to Continue ([https://gurus.pyimagesearch.com/lessons/thresholding/?quiz\\_type=lesson&quiz\\_redirect=1&lesson\\_id=411&quiz\\_id=1672](https://gurus.pyimagesearch.com/lessons/thresholding/?quiz_type=lesson&quiz_redirect=1&lesson_id=411&quiz_id=1672))

Restart quiz

View questions

## 1. Question

The following are all true about adaptive thresholding, *except*:



- ☒ Adaptive thresholding requires a threshold value  $T$  to be manually supplied.
- ☐ Adaptive thresholding is slower than simple thresholding.
- ☐ Adaptive thresholding examines local regions of an image.
- ☐ Adaptive thresholding is often used in real-world computer vision applications.

Correct

## 2. Question

What is the primary limitation of Otsu's method for thresholding?

- ☐ It performs global thresholding.
- ☒ It assumes a bi-modal distribution of pixel intensities.
- ☐ It's slower than simple thresholding.

Correct

Feedback

## 3. Question

What is a common nuisance of using simple thresholding via the `cv2.threshold` function?

- ☐ It fails to obtain decent thresholding results in controlled lighting conditions.
- ☐ It only performs global thresholding.
- ☒ A threshold value  $T$  must be manually supplied, making simple thresholding challenging in varying lighting conditions.

Correct

## 4. Question



Suppose we applied the `cvtColor` threshold with the appropriate value to segment the noisy background from the white circle foreground?

- ☐ 15
- ☐ 50
- ☐ 10
- ☒ 95

Correct

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