

PyImageSearch Gurus Course

[\(https://gurus.pyimagesearch.com/\)](https://gurus.pyimagesearch.com/) >

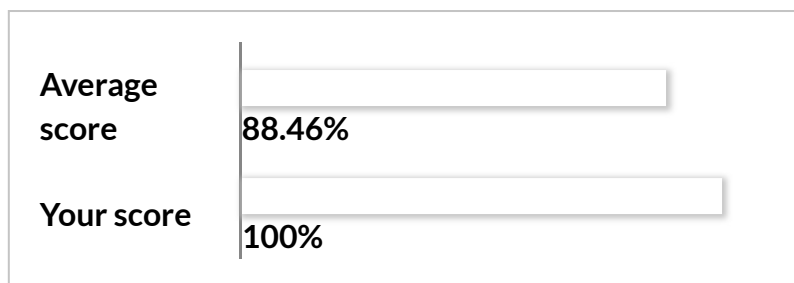
Feature Extraction and Indexing Quiz

Results

3 of 3 questions answered correctly

Your time: 00:00:30

You have reached 3 of 3 points, (100%)



[Click Here to Continue \(https://gurus.pyimagesearch.com/topic/indexing-your-dataset/?quiz_type=lesson&quiz_redirect=1&lesson_id=1951&quiz_id=3539\)](https://gurus.pyimagesearch.com/topic/indexing-your-dataset/?quiz_type=lesson&quiz_redirect=1&lesson_id=1951&quiz_id=3539)

Restart quiz

View questions

1. Question

Feature extraction is the process of:

- ☐ None of the above.
- ☒ **Quantifying the images in your dataset by extracting feature vectors.**
- ☐ Constructing a specialized data structure to facilitate faster queries.
- ☐ Clustering features to determine which images are the most similar.

Correct

2. Question

Indexing is the process of:

- ☐ Clustering features to determine which images are the most similar.
- ☐ Quantifying the images in your dataset by extracting feature vectors.
- ☐ None of the above.
- ☒ **Constructing a specialized data structure to facilitate faster queries.**

Correct

3. Question

Why should you use a *class* rather than a *function* when defining your image descriptor?

- ☒ **It facilitates consistent image description with the same parameters across all images in the dataset.**
- ☐ It allows for parallel feature extraction, thus speeding up the extraction process.
- ☐ There is no benefit between defining your image descriptor as a class vs. a function.

Correct

Ready to continue the course?

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

Your Account

- [Account Info \(https://gurus.pyimagesearch.com/account/\)](https://gurus.pyimagesearch.com/account/)
- [Support \(https://gurus.pyimagesearch.com/contact/\)](https://gurus.pyimagesearch.com/contact/)
- [Logout \(https://gurus.pyimagesearch.com/wp-login.php?action=logout&redirect_to=https%3A%2F%2Fgurus.pyimagesearch.com%2F&wnonce=5736b21cae\)](https://gurus.pyimagesearch.com/wp-login.php?action=logout&redirect_to=https%3A%2F%2Fgurus.pyimagesearch.com%2F&wnonce=5736b21cae)

Q Search

