The Bag of (Visual) Words Model Quiz

Results

5 of 5 questions answered correctly

Your time: 00:00:42

You have reached 5 of 5 points, (100%)

Average score	**88.82%**
Your score	**100%**

Click Here to Continue (https://gurus.pyimagesearch.com/lessons/the-bag-of-visual-words-model/?quiz_type=lesson&quiz_redirect=1&lesson_id=3371&quiz_id=3971)

Restart quiz | View questions

1. Question

In the field of information retrieval, we use the bag of words representation to model the contents (i.e. semantic meaning) of a document.

- (●) **True**
- ( ) False

Correct

2. Question

The bag of words model totally disregards the order of words in a document and simply models the number of times each word appears.

- ( ) False
- (●) **True**

Correct

Feedback

3. Question

Given the following text: *"I like studying computer vision You like studying computer vision"*, what would the resulting bag of words look like?

- (●) **`{'like': 2, 'I': 1, 'studying': 2, 'computer': 2, 'You': 1, 'vision': 2}`**
- ( ) `{'like': 3, 'I': 1, 'studying': 2, 'computer': 2, 'You': 1, 'vision': 3}`
- ( ) `{'like': 1, 'studying': 2, 'computer': 2, 'You': 1, 'vision': 1}`
- ( ) `{'like': 2, 'I': 2, 'studying': 2, 'computer': 3, 'You': 1, 'vision': 2}`

Correct

4. Question

When applied to computer vision, the bag of (visual) words model represents:

- The distance between each image patch/feature vector and the cluster centers.
- The number of possible codewords in a dataset.
- **The number of times an image patch/feature vector was quantized to a codeword.**
- None of the above.

Correct

5. Question

In order for a bag of visual words model to be used, we must be able to extract multiple feature vectors per image:

- **True**
- False

Correct

Feedback

Course Progress

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/)
- 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)

Your Account

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

Search

Feedback

/