

PyImageSearch Gurus Course

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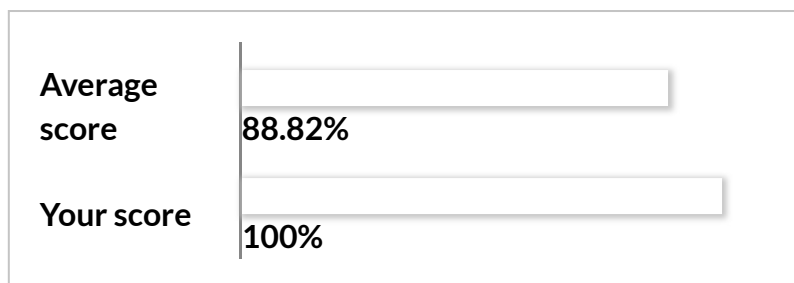
The Bag of (Visual) Words Model Quiz

Results

5 of 5 questions answered correctly

Your time: 00:00:42

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



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

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?

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