

Deep features for image retrieval

7 试题

1
point

1.

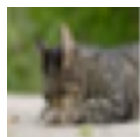
What's the least common category in the training data?

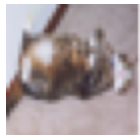
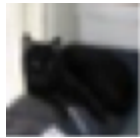
- ☒ bird
- ☐ dog
- ☐ cat
- ☐ automobile

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2.

Of the images below, which is the nearest 'cat' labeled image in the training data to the the first image in the test data (image_test[0:1])?

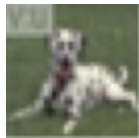
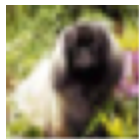
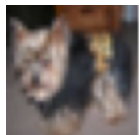
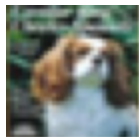




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3.

Of the images below, which is the nearest 'dog' labeled image in the training data to the the first image in the test data (image_test[0:1])?

☐☐☐☒☐☐



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4.

For the first image in the test data, in what range is the mean distance between this image and its 5 nearest neighbors that were labeled '**cat**' in the training data?

- ☐ 33 to 35
 - ☒ 35 to 37
 - ☐ 37 to 39
 - ☐ 39 to 41
 - ☐ Above 41
-

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5.

For the first image in the test data, in what range is the mean distance between this image and its 5 nearest neighbors that were labeled '**dog**' in the training data?

- ☐ 33 to 35
- ☐ 35 to 37
- ☒ 37 to 39
- ☐ 39 to 41
- ☐ Above 41

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6.

On average, is the first image in the test data closer to its 5 nearest neighbors in the '**cat**' data or in the '**dog**' data?

☒ **cat**

☐ **dog**

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7.

In what range is the accuracy of the 1-nearest neighbor classifier at classifying 'dog' images from the test set?

☐ **50 to 60**

☒ **60 to 70**

☐ **70 to 80**

☐ **80 to 90**

☐ **90 to 100**



I, **伟臣 沈**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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