

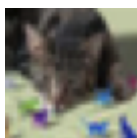
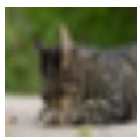
1. What's the least common category in the training data?

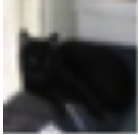
1 point

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

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])?

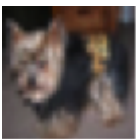
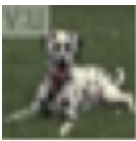
1 point





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])?

1 point





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?

1 point

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

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?

1 point

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

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?

1 point

☒ cat

☐ dog

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

1 point

☐ 50 to 60

☒ 60 to 70

☐ 70 to 80

☐ 80 to 90

☐ 90 to 100

Coursera Honor Code [Learn more](#)



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

Submit

Save draft



Like



Dislike



Report an issue