



Data Features Summative Quiz

TOTAL POINTS 5

1. Modern deep neural networks work well because:

1 point

- ☐ They use input data that is in a very sophisticated, high level, feature representation.
- ☐ They use very complex, sophisticated algorithms
- ☒ They can scale up to very large amounts of data
- ☐ They are based on clear, logical rules that are designed based on expert knowledge

2. What is the output of a regression?

1 point

- ☐ A picture
- ☐ A reward or punishment
- ☒ One or more numbers
- ☐ One of a set of categories

3. The feature representation you use has no effect in k-nearest neighbour because it is based on similarity?

1 point

- ☐ True
- ☒ False

4. Which of these is true?

1 point

- ☐ If you are using high level features you will need more training data than if you are using low level features
- ☒ If you are using low level features you will need more training data than if you are using high level features
- ☐ The features do not affect how much data you need

5. Which do you typically think need more disc space?

1 point

- ☐ High level features
- ☒ Low level features

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