

✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Everything has to be Numbers Review

TOTAL POINTS 2

1. Which of the following sentences are true?

1 / 1 point

- ☐ Categorical data can be stored as strings and fed directly into your machine learning algorithm.
- ☐ The only way to represent images in numbers is by using the image's pixel values.
- ☐ The 'bag of words' technique for converting text data into numbers preserves the context and meaning of words.
- ☒ When working with time-series data, it is possible to capture potential time dependencies as a feature.

✓ **Correct**

True! We discussed a technique where the previous 5 timesteps were relevant to any current data point and how you can record these as features.

2. Which of the following sentences are true?

1 / 1 point

- ☐ It is impossible to use time-series data in machine learning.
- ☐ It is not a good idea to represent image data as pixels.
- ☒ It is possible to represent categorical data with numbers.
- ☐ It is okay to send string data into a machine learning algorithm.

✓ **Correct**

True! This is one way to represent categorical data. Although numbers have an inherent ordering to them, this is not always an issue depending on the nature of your problem.