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QUIZ

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Week 3 Quiz

Week 3 Quiz

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DUE DATE Aug 31, 12:29 PM IST   **ATTEMPTS** 3 every 8 hours

Try again

1. Why does sequence make a large difference when determining semantics of language?

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1 / 1 point

- ○ Because the order in which words appear dictate their meaning
- ○ It doesn't
- ○ Because the order of words doesn't matter
- ◉ Because the order in which words appear dictate their impact on the meaning of the sentence

Grade
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✓ **Correct**

2. How do Recurrent Neural Networks help you understand the impact of sequence on meaning?

1 / 1 point

- ○ They look at the whole sentence at a time
- ○ They don't
- ○ They shuffle the words evenly
- ◉ They carry meaning from one cell to the next

✓ **Correct**

3. How does an LSTM help understand meaning when words that qualify each other aren't necessarily beside each other in a sentence?

1 / 1 point

- ○ They load all words into a cell state
- ○ They shuffle the words randomly
- ◉ Values from earlier words can be carried to later ones via a cell state
- ○ They don't

✓ **Correct**

4. What keras layer type allows LSTMs to look forward and backward in a sentence?

1 / 1 point

- ◉ Bidirectional
- ○ Unilateral
- ○ Bilateral
- ○ Bothdirection

✓ **Correct**

5. What's the output shape of a bidirectional LSTM layer with 64 units?

1 / 1 point

- ○ (128,None)
- ◉ (None, 128)
- ○ (None, 64)
- ○ (128,1)

✓ **Correct**

6. When stacking LSTMs, how do you instruct an LSTM to feed the next one in the sequence?

1 / 1 point

- ○ Do nothing, TensorFlow handles this automatically
- ◉ Ensure that return_sequences is set to True only on units that feed to another LSTM
- ○ Ensure that they have the same number of units
- ○ Ensure that return_sequences is set to True on all units