✅ **축하합니다! 통과하셨습니다!**

받은 학점 100%   **최신 제출물 학점** 100%   **통과 점수:** 80% 이상

다음 항목으로 이동

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

  ○ Because the order in which words appear dictate their meaning

  ○ It doesn't

  ● Because the order in which words appear dictate their impact on the meaning of the sentence

  ○ Because the order of words doesn't matter

  ✓ **맞습니다**
  Correct!

2. How do Recurrent Neural Networks help you understand the impact of sequence on meaning?   1 / 1점

  ○ They shuffle the words evenly

  ○ They look at the whole sentence at a time

  ○ They don't

  ● They carry meaning from one cell to the next

  ✓ **맞습니다**
  That's right!

3. How does an LSTM help understand meaning when words that qualify each other aren't necessarily beside each other in a sentence?   1 / 1점

  ○ They load all words into a cell state

  ○ They don't

  ○ They shuffle the words randomly

  ● Values from earlier words can be carried to later ones via a cell state

  ✓ **맞습니다**
  Correct!

4. What keras layer type allows LSTMs to look forward and backward in a sentence?   1 / 1점

  ○ Unilateral

  ○ Bothdirection

  ○ Bilateral

  ● Bidirectional

  ✓ **맞습니다**
  Correct!

5. What's the output shape of a bidirectional LSTM layer with 64 units?   1 / 1점

  ● (None, 128)

  ○ (None, 64)

  ○ (128,None)

  ○ (128,1)

  ✓ **맞습니다**
  That's right!

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

○ Do nothing, TensorFlow handles this automatically

○ Ensure that they have the same number of units

○ Ensure that return_sequences is set to True on all units

◉ Ensure that return_sequences is set to True only on units that feed to another LSTM

✓ **맞습니다**
Correct!

7. If a sentence has 120 tokens in it, and a Conv1D with 128 filters with a Kernal size of 5 is passed over it, what's the output shape?

◉ (None, 116, 128)

○ (None, 120, 124)

○ (None, 116, 124)

○ (None, 120, 128)

✓ **맞습니다**
That's right!

8. What's the best way to avoid overfitting in NLP datasets?

○ Use LSTMs

○ Use GRUs

○ Use Conv1D

◉ None of the above

✓ **맞습니다**
Correct!