CDS Week 12

Points: 10/10

✓ **Correct**   2/2 Points

1. Does the dimension of the LSTM weights depend on the sequence length? *

   ⬜

   ◯ Yes, sometimes.

   ◯ Yes, always.

   ⦿ No

   ◯ LSTM is not a sequential network, hence this question is not valid.

✓ **Correct**   2/2 Points

2. Softmax can be used in *   ⬜

   ◯ Binary classification

   ◯ Multiclass classification

   ◯ None of 1 and 2

   ⦿ Both 1 and 2 are valid

✓ **Correct**   2/2 Points

3. The output of sigmoid activation is in the range of *   📖

○ [2,4]

◉ [0,1]

○ [-1,1]

○ [0,x]

✓ **Correct**   2/2 Points

4. Do we need position embedding in Transformers? *   📖

◉ Yes

○ No

✓ **Correct**   2/2 Points

5. Gradient clipping is used for *   📖

○ To prevent vanishing gradient

◉ To prevent exploding gradient

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