Kahoot!

DL Lecture Quiz 11 (2021)

1 play · 36 players

A private kahoot

Questions (7)

1 - Quiz

Which of the following architectures use explicit attention?   30 sec

▲ Transformers ✓

◆ CNNs ✗

● LSTMs ✓

■ MLPs ✗

2 - True or false

Transformers are feed-forward neural networks   10 sec

▲ True ✓

◆ False ✗

3 - Quiz

What similarity function was used in "Attention is all you need" to compute attention?

10 sec

- 🔺 dot product ✗
- 🔷 generalized dot product ✗
- 🟡 scaled dot product ✓
- 🟩 additive similarity ✗

4 - Quiz

Scaled dot-product attention is a form of ...

30 sec

- 🔺 explicit attention ✓
- 🔷 hard attention ✗
- 🟡 implicit attention ✗
- 🟩 soft attention ✓

5 - Quiz

In the transformer architecture ...

30 sec

- 🔺 each encoder is connected to each decoder ✗
- 🔷 only the last encoder is connected to each decoder ✓
- 🟡 only the last encoder is connected to only the first decoder ✗
- 🟩 each encoder is connected to only the first decoder ✗

6 - Quiz

In encoder-decoder attention layers, which of the following K/Q/V are a function of the encoder output?

20 sec

🔺 Keys (K) ✓

🔷 Queries (Q) ✗

🟡 Values (V) ✓

7 - Quiz

How many "masked self-attention" layers does a transformer with K encoders and L decoders have?

30 sec

🔺 K ✗

🔷 K + L ✗

🟡 L ✓

🟩 1 ✗