

ADL24 Assignment 3 Part 1

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Udkast blev gemt

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Which of these language models rely on RNNs? *

☐ GPT-2

☒ ELMo

☐ BERT

Which of the following statements are true of word2vec? *

☐ It's a Transformer-based language model.

☐ It's a language model

☒ It's a word embedding algorithm

☒ It's a neural network architecture



Which of the following statements are true of ELMo? *

- ☐ It's a Transformer-based language model.
- ☒ It's a language model
- ☒ It's a word embedding algorithm
- ☒ It's a neural network architecture

Which feature(s) of BERT's architecture enable(s) to capture and represent contextual information across varying lengths of text sequences? *

- ☐ Attention RNN encoder
- ☒ Attention mechanism
- ☐ Layer Normalization
- ☒ Transformer Architecture

Which statement(s) accurately describe(s) in-context learning? *

- ☐ In-context learning involves fine-tuning model weights based on specific task requirements.
- ☐ In-context learning adjusts attention weights dynamically to focus on relevant context tokens.
- ☒ In-context learning involves prompting a large language model with a number of demonstrations without altering the model parameters.
- ☐ In-context learning optimizes model parameters through reinforcement learning during inference.

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