Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 60%. We keep your highest score.

Next item →

---

1. In the below code, max_seq_length controls _____.   **1 / 1 point**

```
training_args = SFTConfig(output_dir = "/tmp",
                          num_train_epochs = 10,
                          per_device_train_batch_size = 2,
                          per_device_eval_batch_size = 2,
                          eval_strategy = "epoch",
                          max_seq_length = 1024,
                          fp16 = True,)
```

○ The evaluation time

○ The batch sizes for training and evaluation

◉ The maximum length of the output responses

○ The number of training epochs

⊘ **Correct**
The max-seq_length determines the maximum number of tokens in the input or output sequences during the training and inference. It ensures that the input sequence does not exceed its length.

---

2. Which of the following methods is useful to evaluate the responses generated by a model in the context of reward modeling for generative AI?   **1 / 1 point**

○ Analyze the diversity of responses generated by a model.

○ Measure differences between the predicted rewards and actual rewards received.

◉ Allow human evaluators to rank responses based on quality.

○ Compare model responses with a pre-defined set of correct answers (references).

⊘ **Correct**
Human evaluators assess the quality of responses in reward modeling and provide feedback. This approach guides the model in learning more complex preferences.

---

3. According to the Bradley-Terry Model, which of the following is true for the sigmoid function?   **1 / 1 point**

◉ Interprets the differences between good and bad responses

○ Finds the parameters for good and bad responses

○ Minimizes the differences between good and bad responses

○ Measures reward quality for the good and bad responses

⊘ **Correct**
The sigmoid function predicts the score for the responses.