W11: L2 Group Task - TO DO IN CLASS: Reinforcement Fine-Tuning LLMs With GRPO

Utilize the lecture video to practice the following projects: [Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#)
[Links to an external site.](#)

You need to complete the following lessons to complete this task in a group.

Review the lecture video and practice the following projects in Colab Notebook.

Modify the following lesson's code to train a model.

- Lesson 3: Can a large language model master Wordle? ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))
- Lesson 4: Reward functions ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))
- Lesson 5: Reward functions with LLM as a judge ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))
- Lesson 6: Reward hacking ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))
- Lesson 7: Calculating loss in GRPO ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))
- Lesson 8: Putting it all together - Training Wordle ([Reinforcement Fine-Tuning LLMs With GRPO - DeepLearning.AILinks to an external site.](#))