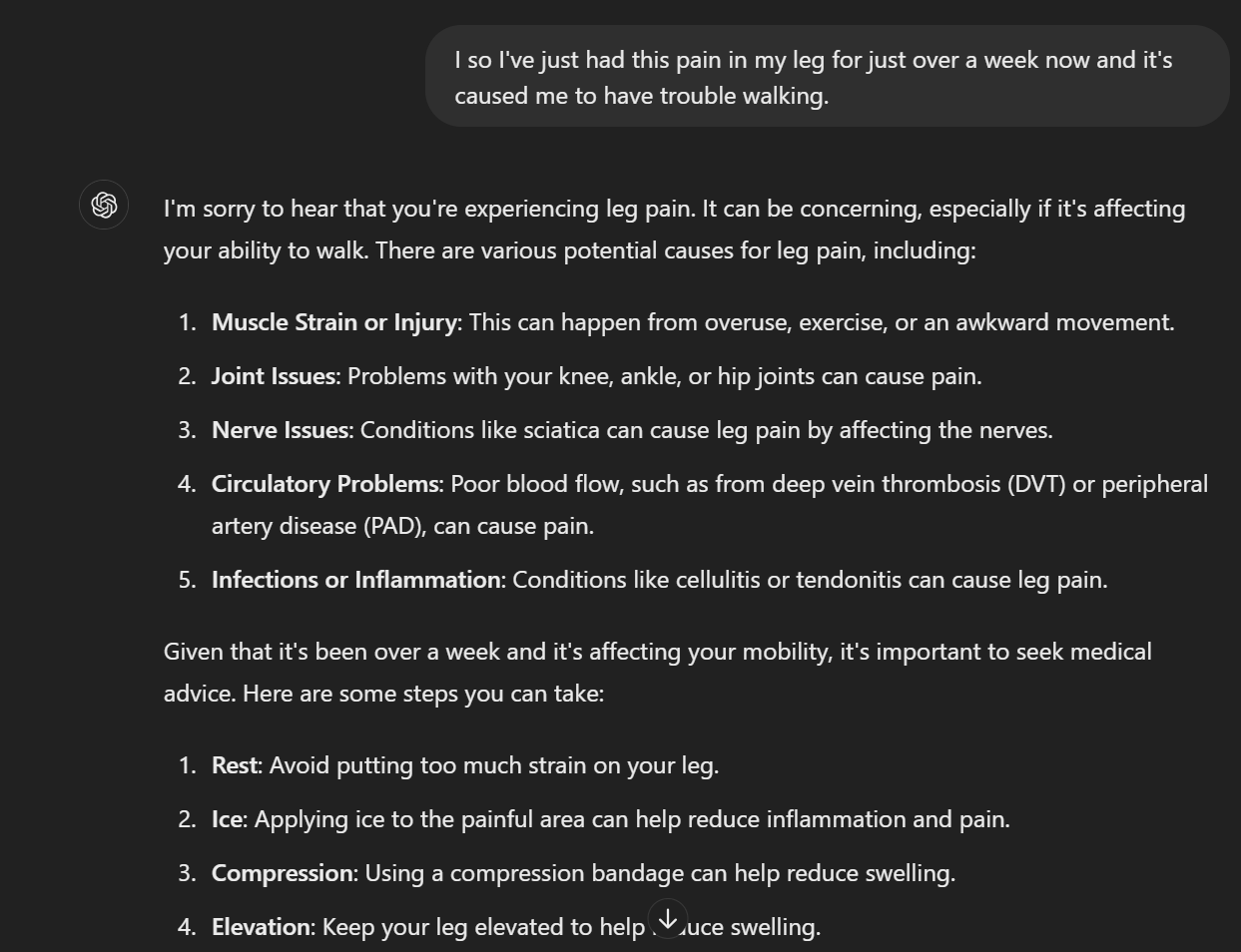
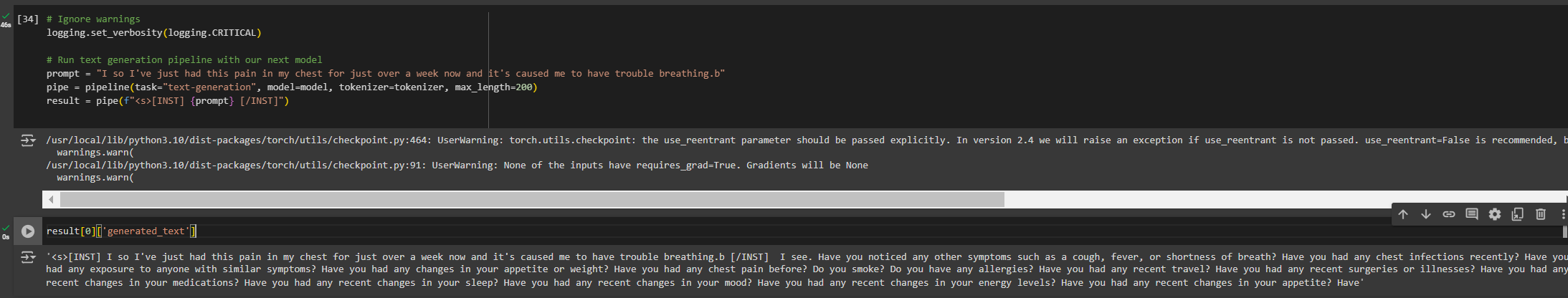
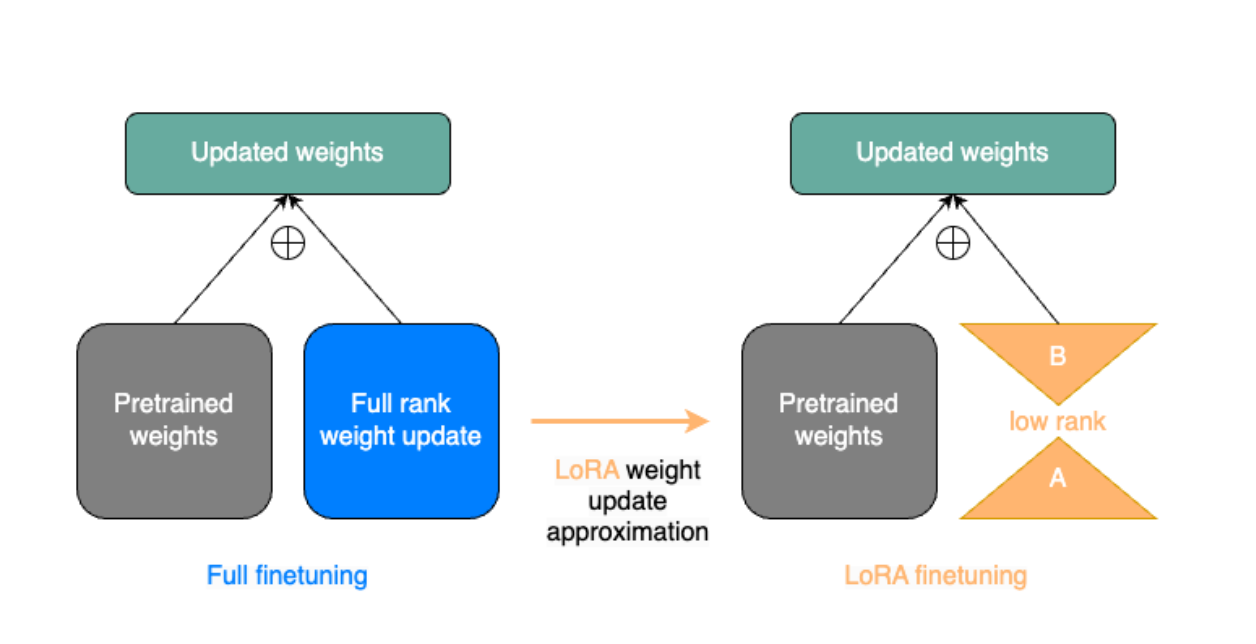
**Chat gpt response**



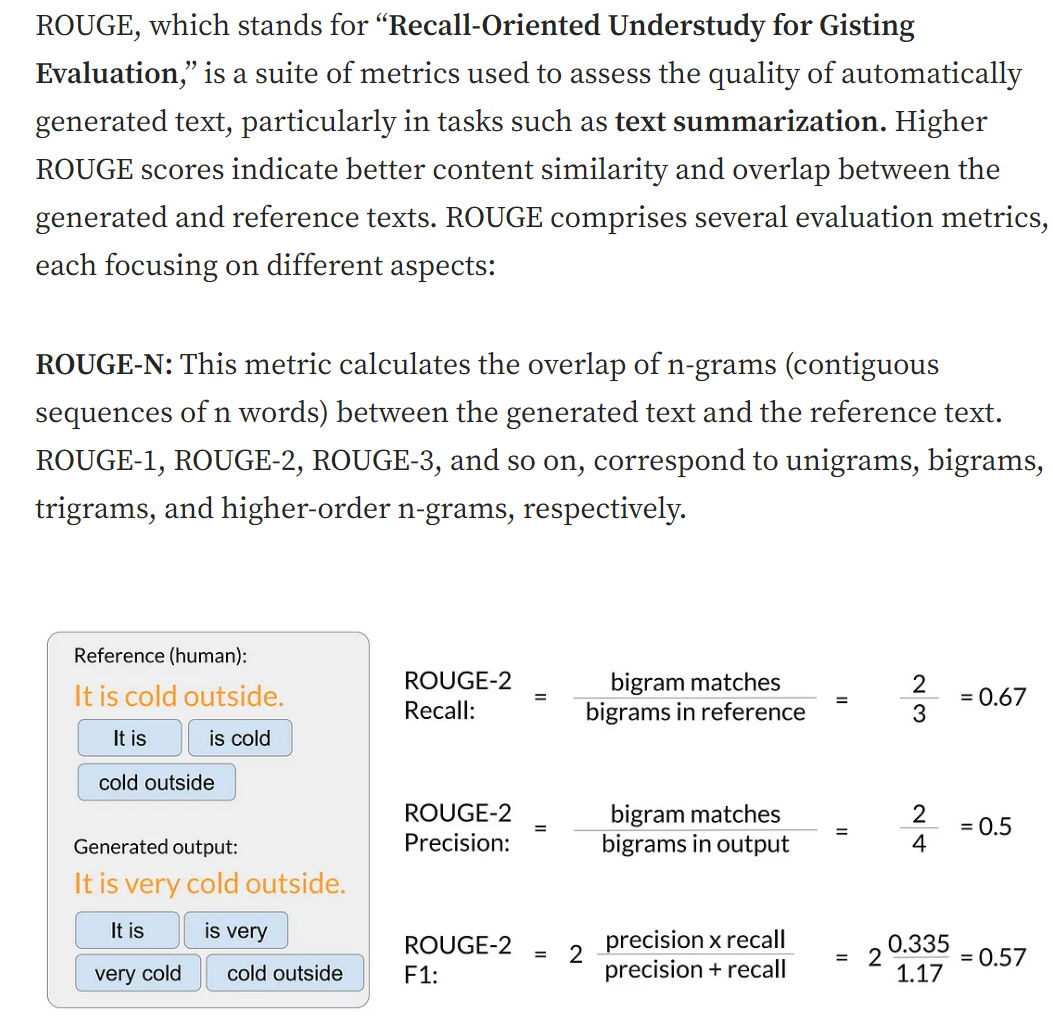
Fine tuned LLM on custom patient doctor dataset



**LORA**



**Evaluation**



**BLEU Score**

The BLEU (Bilingual Evaluation Understudy) score is a metric used to assess the quality of machine-generated translations in natural language processing tasks, particularly in machine translation. It aims to measure the similarity between a machine-generated translation and one or more human reference translations.

[https://ollama.com/](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqay1CTjV4Mkp5bWVSejhPOTg0R2l1TG15RGdyQXxBQ3Jtc0ttbGVGVEV3UF9wOFIzUTNmejh1djdEX0ZfUnJ2Mmh4djJqSDlUcmdJYUJvRHFvMVFaN0M4Z2ZpanlsVFRnT1pkcllTYXVaOUtuWjQ2VktoRjJFT1lRYUZaY0luNERrMHJyWi1jNGZaQVEwbVNlbjU1MA&q=https%3A%2F%2Follama.com%2F&v=yPphKQp1fqE)

https://pytorch.org/torchtune/stable/tutorials/lora\_finetune.html

<https://arxiv.org/pdf/2305.14314> - QLORA

https://ritikjain51.medium.com/llms-fine-tuning-and-evaluation-f019515b1c67

<https://www.datacamp.com/tutorial/fine-tuning-llama-2>

<https://huggingface.co/blog/llama2>

https://www.langchain.ca/blog/step-by-step-guide-how-to-use-ollama-to-run-open-source-llm-models-locally/