LLM Assignment 3

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1. Accuracy comparison between the pretrained and fine-tuned models on the test set.

Pre-trained model accuracy: 36%

Fine-tuned model accuracy: 81%

2. **Time taken to fine-tune the model using QLoRA.**

Training completed in 88.93 minutes

3. Total parameters in the model and the number of parameters fine-tuned.

Total parameters: 1,392,906,240

Total trainable parameters: 2,629,120

4. **Resources used** (e.g., hardware, memory) during fine-tuning.

Peak GPU memory usage: 2.19 GB

CPU Memory usage: 1.91 GB