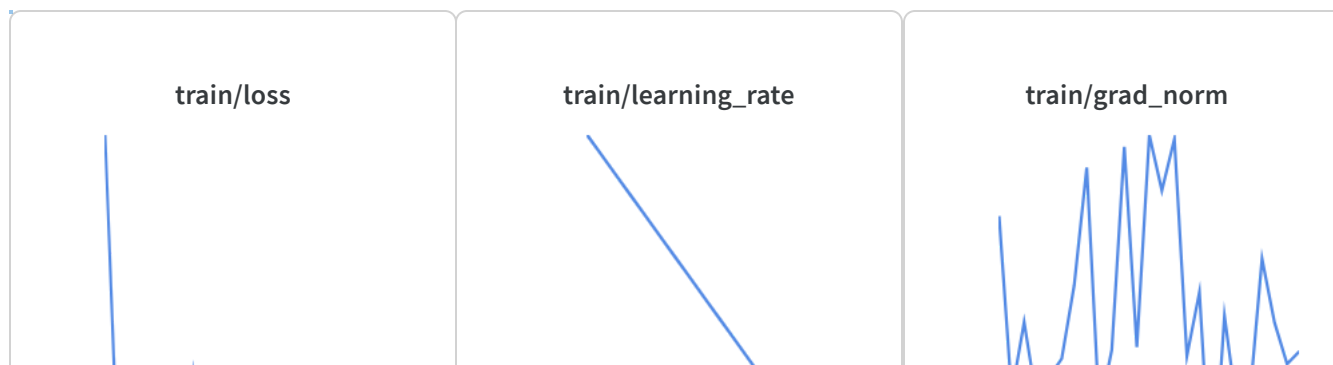Share   💬 Comment   ☆ Star   ⋯
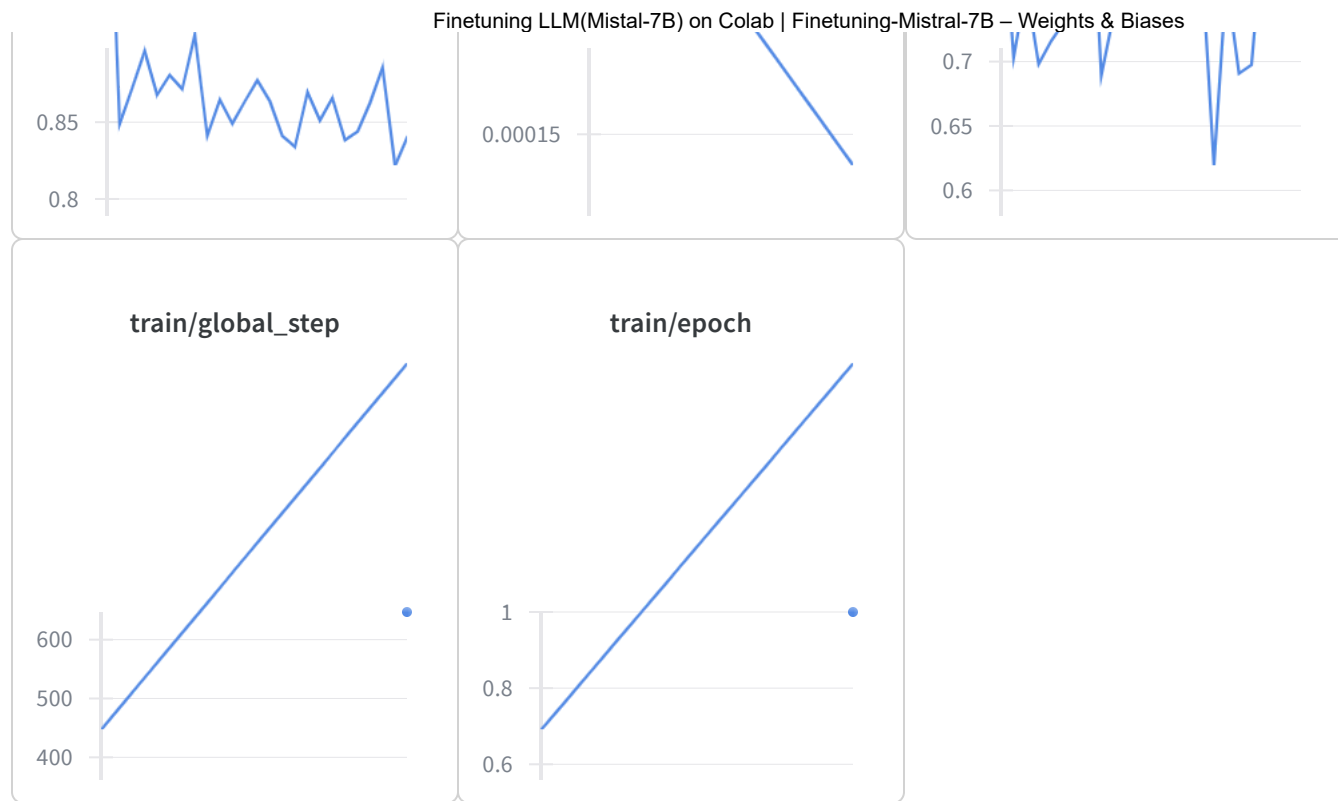
Finetuning LLM(Mistal-7B) on Colab

This project fine-tunes the Mistral-7B-Instruct model on Colab free GPUs using QLoRA (4-bit quantization) and LoRA adapters for memory-efficient instruction tuning. It leverages the Unsloth library to load the quantized model, apply LoRA to attention and feed-forward layers, and train with the Alpaca-cleaned dataset (formatted in an instruction–input–response template). Training is performed with mixed precision, an 8-bit AdamW optimizer, gradient accumulation, and gradient checkpointing to fit

Abdul Basit

Created on September 28 | Last edited on September 28

⌄ Section 1:

train/loss   train/learning_rate   train/grad_norm

train/global_step

train/epoch

Created with ❤️ on Weights & Biases.

https://wandb.ai/basitmal36-university-of-paris-saclay/Finetuning-Mistral-7B/reports/Finetuning-LLM-Mistal-7B-on-Colab--VmlldzoxNDU1ODc2Nw