# Core libraries for LLM fine-tuning

transformers==4.39.3

datasets==2.18.0

accelerate==0.29.2

peft==0.9.0

bitsandbytes==0.42.0

# Evaluation

evaluate==0.4.1

rouge\_score==0.1.2

# Gradio App

gradio==4.24.0

# Deep learning framework

torch==2.2.1

**Note:** This project was built and tested on Google Colab using T4 GPU. If running locally, ensure CUDA support is available for GPU acceleration.