

LLM Engineering

MASTER AI & LARGE LANGUAGE MODELS



Visualizing Training

What you can now do

- Generate text and code with Frontier Models and Open Source models using APIs and HuggingFace, including tools, assistants and RAG
- Follow a 5 step strategy to solve problems, including dataset curation, making a baseline model, and fine-tuning a Frontier model
- Explain QLoRA for fine-tuning open-source models including defining and choosing hyper-parameters and kicking off a training run

By end of today you'll be able to

- Monitor progress in Weights & Biases
- See your model in the Hugging Face hub
- Explain ways to train more quickly at lower cost

Tomorrow: results

What you can now do

- Generate text and code with Frontier Models and Open Source models using APIs and HuggingFace, including tools, assistants and RAG
- Follow a 5 step strategy to solve problems, including dataset curation, making a baseline model, and fine-tuning a Frontier model
- Run QLoRA for fine-tuning open-source models including defining and choosing hyper-parameters and running and monitoring training

By end of tomorrow you'll be able to

- Run inference on a QLoRA fine-tuned model
- Confidently carry out the end-to-end process for selecting and training open source models to solve a business problem