

LLM Engineering

MASTER AI & LARGE LANGUAGE MODELS





PROGRESS

Ready for open-source coding

What you can now do

- Confidently code with Frontier Models
 - Build a multi-modal AI Assistant with Tools
 - Navigate the HuggingPlace platform; run code on Colab
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After today you'll be able to

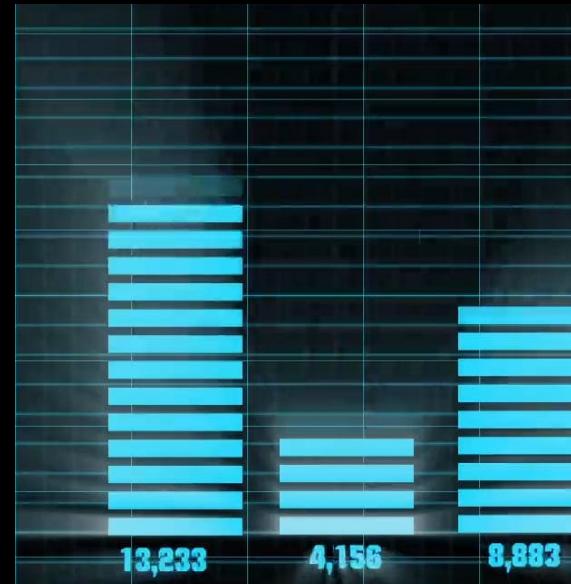
- Understand the 2 different levels of HuggingFace API
- Use pipelines for a wide variety of inference tasks
- Use pipelines to generate text, images and audio

The Two API Levels of Hugging Face



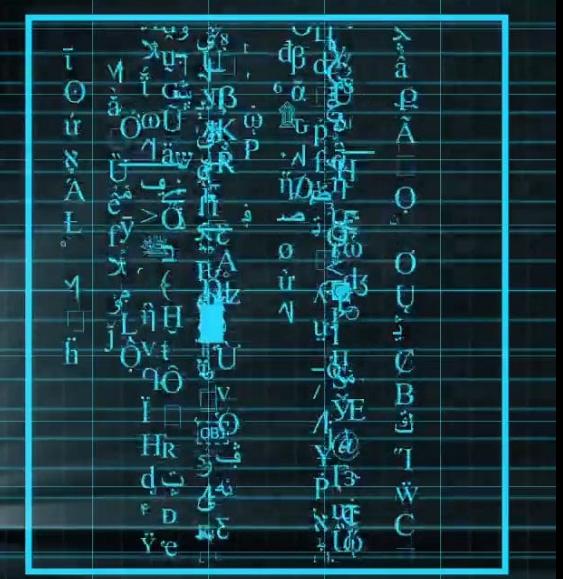
Pipelines

Higher level APIs to carry out standard tasks incredibly quickly



Tokenizers and Models

Lower level APIs to provide the most power and control

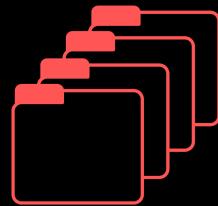


Pipelines are incredibly versatile and simple

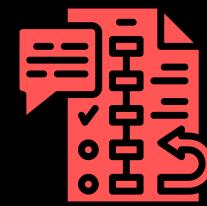
Unleash the power of open-source models in your solutions in 2 lines of code



Sentiment analysis



Classifier



Named Entity Recognition



Question Answering



Summarizing



Translation

Use pipelines to generate content



Text



Image



Audio



PROGRESS

You are 30% of the way!

What you can now do

- Confidently code with Frontier Models
- Build a multi-modal AI Assistant with Tools
- Use HuggingFace pipelines for a wide variety of inference tasks

After next time you'll be also able to:

- Create tokenizers for models
- Translate between text and tokens
- Understand special tokens and chat templates