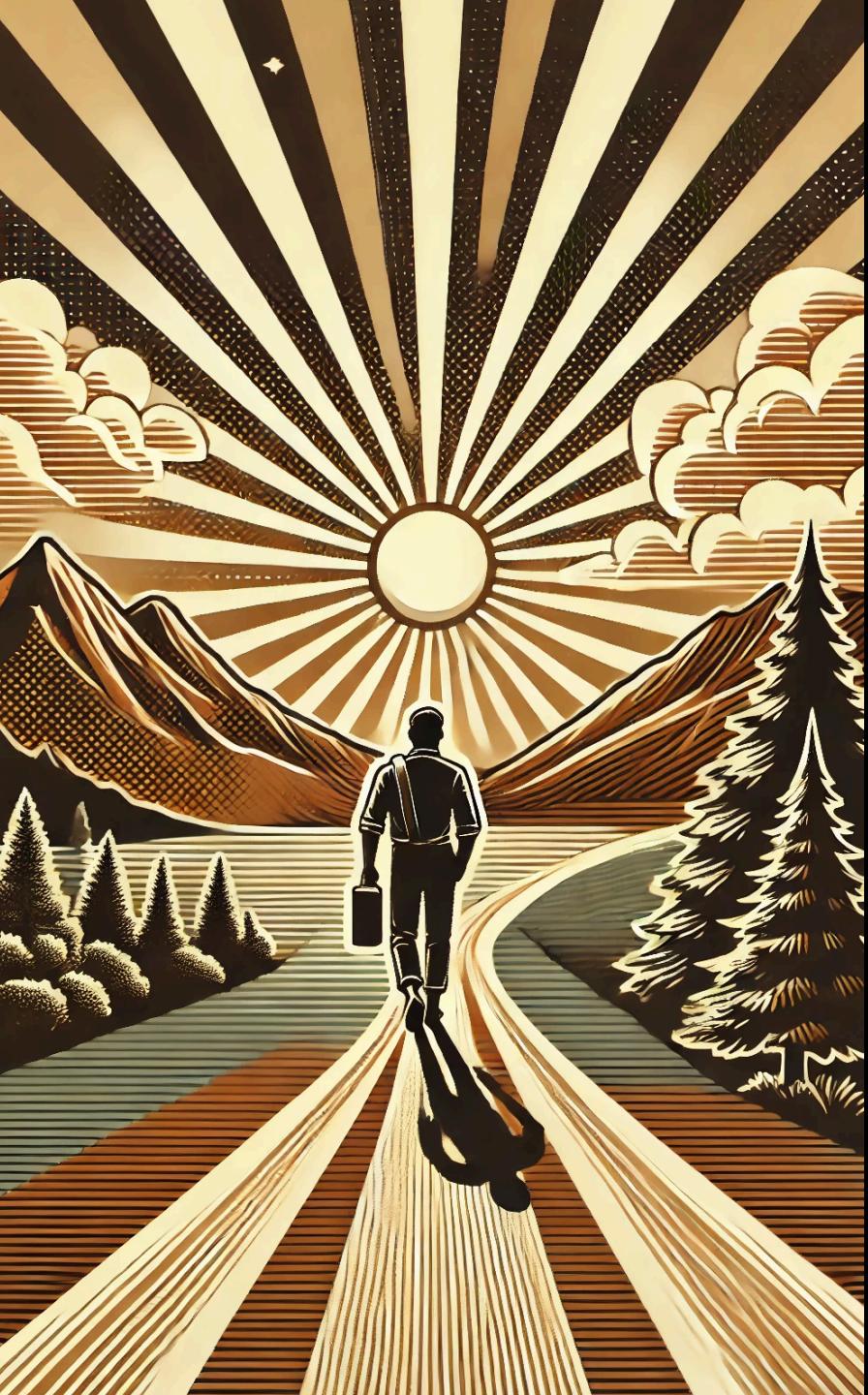


LLM Engineering

MASTER AI & LARGE LANGUAGE MODELS



A stylized illustration of a man walking away from the viewer on a path through a forest towards a bright sun rising over mountains. The scene is composed of warm, golden-yellow tones with black outlines. The sun is at the top left, its rays radiating outwards. In the foreground, a man with a backpack and a briefcase walks away along a path. To his right is a large evergreen tree. The background features rolling hills and mountains under a sky filled with wispy clouds.

TODAY

Week 2 commences

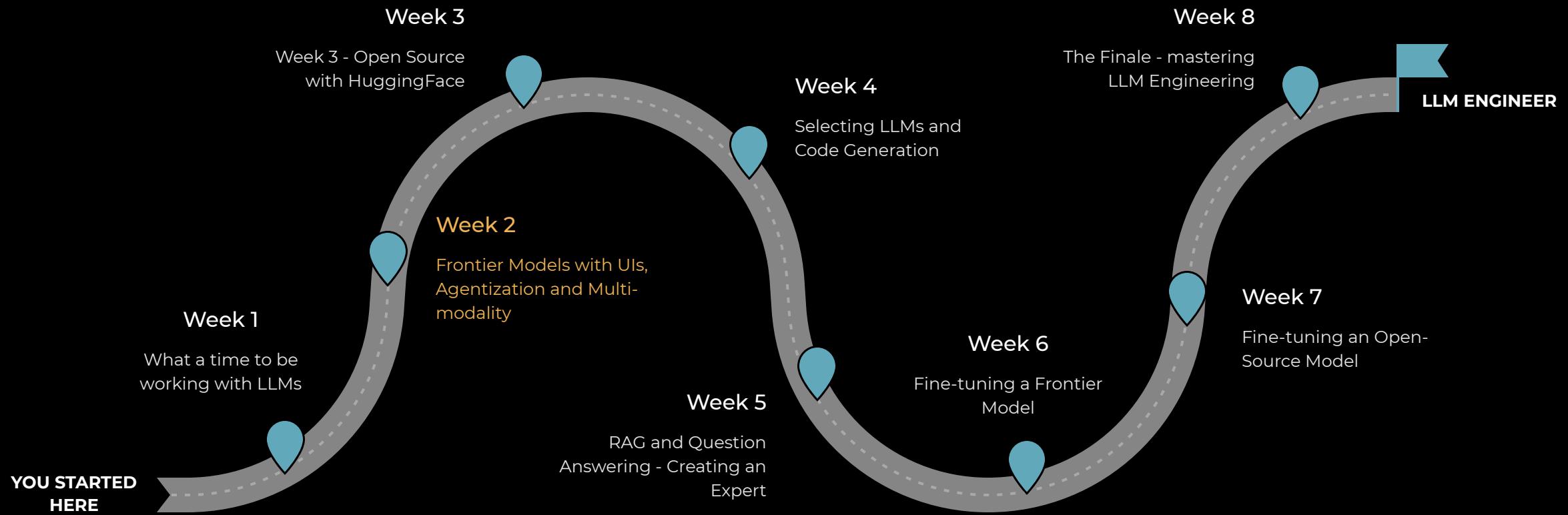
What you can already do

- Describe transformers, tokens, context windows, API costs etc
 - Contrast the leading 6 Frontier LLMs
 - Confidently use the OpenAI API including streaming with markdown and JSON generation
-

After today you will be able to

- Use API for Anthropic / Claude
- Use API for Google / Gemini
- Write code that interacts between frontier LLMs

Reminder of the 8 weeks to mastery



Setting up your environment



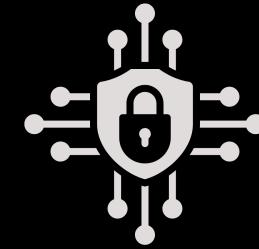
[Set up an Anthropic API Key](#)



[Set up a Google API Key](#)

This is significantly more painful than
OpenAI or Anthropic!

But we will have fun interacting between
the LLMs so it's worth the struggle



[Update your .env file](#)

ACTION!



00:10

A stylized illustration of a person walking away from the viewer on a path through a field, towards a range of mountains under a sunburst sky.

PROGRESS

15% towards Mastering LLMs

What you can already do

- Describe transformers and the leading 6 Frontier LLMs
 - Confidently use the OpenAI API including streaming with markdown and JSON generation
 - Use the Anthropic and Google APIs
-

After tomorrow you will be able to

- Describe Gradio, the remarkable platform for data science UIs
- Create a simple UI using Gradio
- Hook up Gradio to Frontier models