

LLM Engineering

MASTER AI & LARGE LANGUAGE MODELS



A stylized illustration of a person 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 and teal colors, with sunburst rays emanating from the central sun. The person is a dark silhouette with a backpack. The background features rolling hills, tall evergreen trees, and distant mountains under a sky filled with stylized clouds.

TODAY

UIs for non-frontend people!

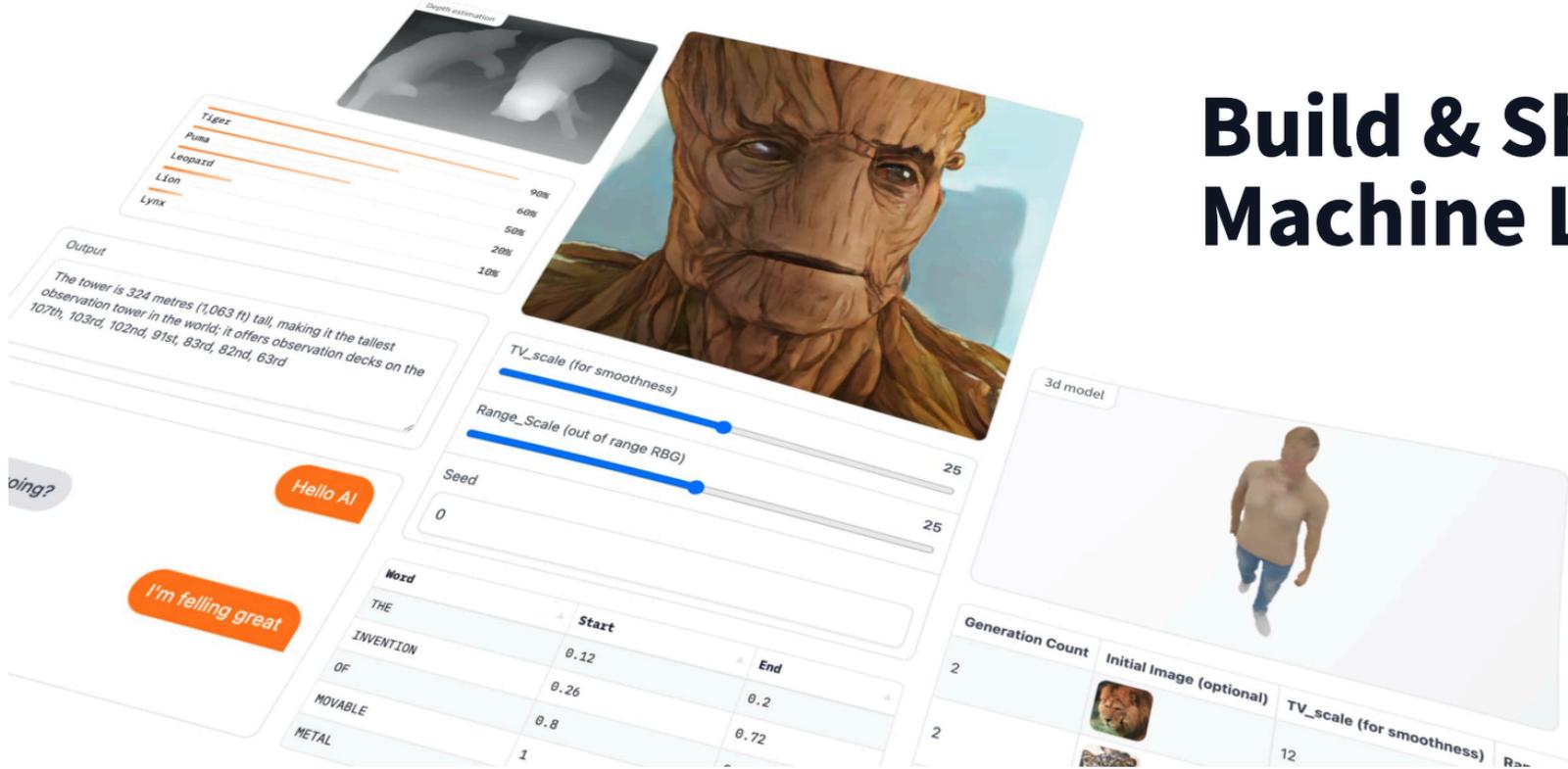
What you can already do

- 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
-

Today 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

Introducing Gradio from HuggingFace

[⚡ Quickstart](#)[👉 Docs](#)[🎢 Playground](#)[🖼️ Custom Components](#)[👋 Community](#)[🔍 Search](#) [⌘K](#)

Build & Share Delightful Machine Learning Apps

Gradio is the fastest way to demo your machine learning model with a friendly web interface so that anyone can use it, anywhere!

[Get Started](#)[Star](#)

31683

When I said it was easy..

```
import gradio as gr

def greet(name):
    return "Hello " + name + "!"

demo = gr.Interface(fn=greet, inputs="text", outputs="text")
demo.launch()
```

name

soon-to-be LLM engineering masters

Clear

Submit

output

Hello soon-to-be LLM engineering masters!

And now we will:



Create a UI for API calls to GPT,
Claude and Gemini



Create a UI for the Company
Brochure from Week 1



Include Streaming and Markdown

A stylized illustration of a person with a backpack walking away from the viewer on a path through a forest towards a bright sunburst in the sky.

PROGRESS

You have leveled up again

What you can already do

- Confidently use the OpenAI API including streaming with markdown and JSON generation
- Use the Anthropic and Google APIs
- Build UIs for your solutions

Tomorrow you will be able to

- Create a Chat UI in Gradio
- Provide context in a prompt including multi-shot prompting
- Build your first customer support assistant