

These slides: tinyurl.com/TeachingWithTG

Teaching with Text Generators

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But first, who am I?

I'm a Lecturer in Digital Media and Cultures in UQ's School of Communication and Arts.

I have two areas of research expertise: social perceptions of artificial intelligence and digital storytelling.

My accent is Canadian. 🍁



What are we going to do today?

Make a monster with Gemini (Kindy)

Time travel with Chat UI [LLAMA et al.] (Primary)

Break things with ChatGPT (Secondary)

Have, like, a good amount of fun while we learn things.

Makin' Monsters with Gemini

Working together, we're going to use prompt engineering to learn how to write clearly, specifically, and creatively.

To do this, we're going to use Gemini, a multimodal system. This means that Gemini can work with multiple modes of communication (e.g. text, audio, image).

Let's get started: gemini.google.com



Who made this system?

What can we do with it?

When might be an good time to use it, and when might not?

Where are the humans involved in its development and use?

Why was it developed, and why does it continue to exist?

How are people using and talking about it?

Time Travelling with Chat UI

Now, let's chat with historical figures.

To do this, we're going to use Hugging Face's Chat UI, an open source multimodal system. This means that Chat UI is free to use and adapt.

On your tables, pick one historical figure. Instruct the system that
“You are [insert figure name here].”

Try to get the figure to tell you about:

- their childhood
- one pivotal moment in their life
- their favourite colour

Let's get started: huggingface.co/chat

If Hugging Face requires signup, Perplexity: perplexity.ai



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Breaking ChatGPT

LLMs can do a lot - but not everything.
Let's see what their limits are.

To do this, we're going to use the OpenAI's ChatGPT.

What questions will ChatGPT be unable to answer?

Or decline to answer?

Or get very, very wrong?

Let's get started: chatgpt.com



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Keep playing!

Working with texts AND images?
Google's Gemini (gemini.google.com)

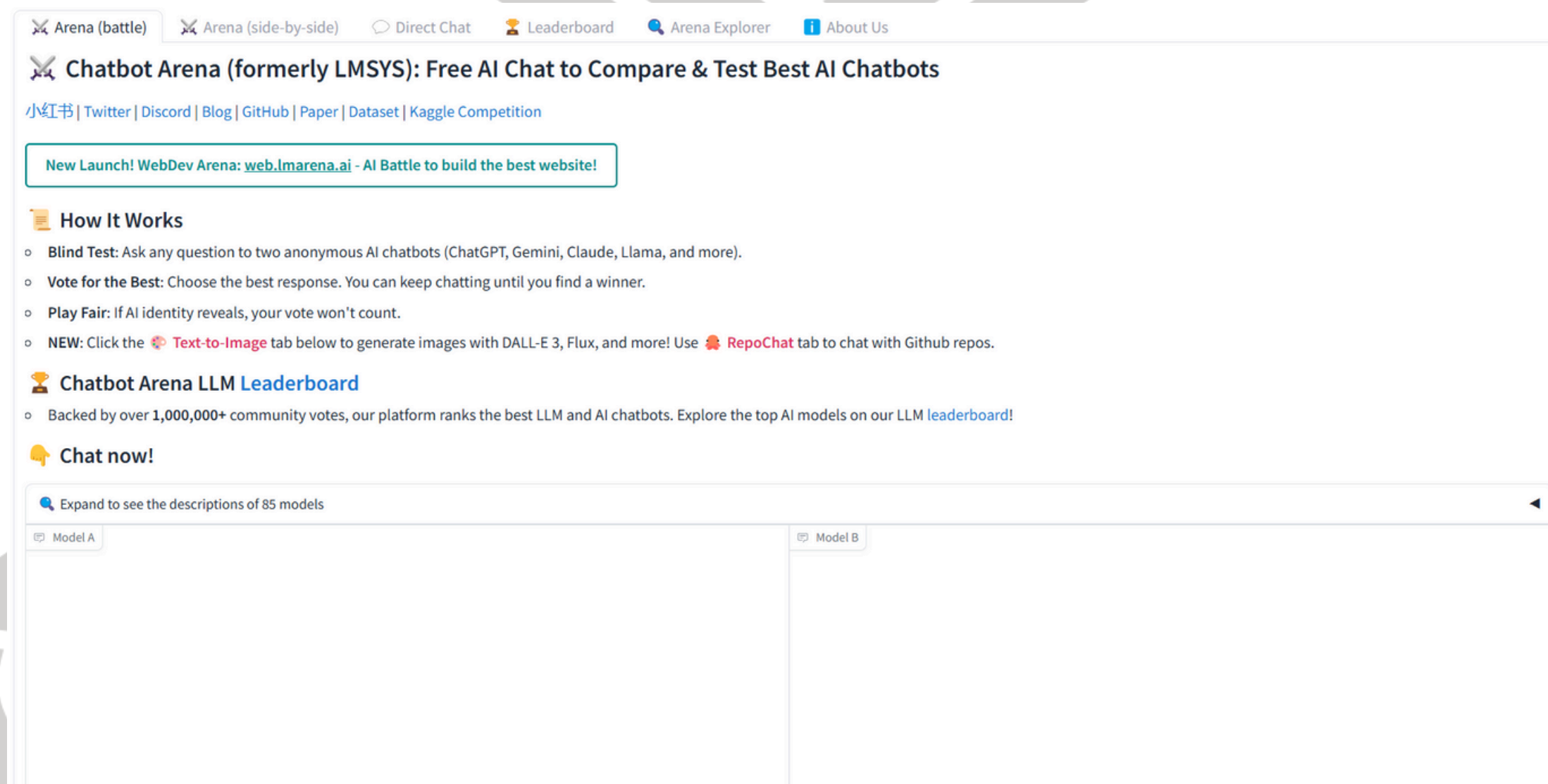
Want open source options?
Hugging Face's Chat UI (huggingface.co/chat)

Trying to figure out what all the fuss is about?
OpenAI's ChatGPT (chatgpt.com)

Microsoft's Copilot (copilot.microsoft.com) and
Anthropic's Claude (claude.ai) also have free versions.

Perplexity (perplexity.ai) is emerging as a favoured research tool.

Compare models at Chatbot Arena: lmarena.ai



The screenshot shows the Chatbot Arena website interface. At the top, there are navigation tabs: "Arena (battle)", "Arena (side-by-side)", "Direct Chat", "Leaderboard", "Arena Explorer", and "About Us". The main heading is "Chatbot Arena (formerly LMSYS): Free AI Chat to Compare & Test Best AI Chatbots". Below this, there are links for "小红书", "Twitter", "Discord", "Blog", "GitHub", "Paper", "Dataset", and "Kaggle Competition". A prominent blue-bordered box contains the text: "New Launch! WebDev Arena: web.lmarena.ai - AI Battle to build the best website!".

How It Works

- **Blind Test:** Ask any question to two anonymous AI chatbots (ChatGPT, Gemini, Claude, Llama, and more).
- **Vote for the Best:** Choose the best response. You can keep chatting until you find a winner.
- **Play Fair:** If AI identity reveals, your vote won't count.
- **NEW:** Click the **Text-to-Image** tab below to generate images with DALL-E 3, Flux, and more! Use **RepoChat** tab to chat with Github repos.

Chatbot Arena LLM Leaderboard

- Backed by over 1,000,000+ community votes, our platform ranks the best LLM and AI chatbots. Explore the top AI models on our LLM [leaderboard!](#)

Chat now!

Expand to see the descriptions of 85 models

Model A

Model B

Hot Tips

You don't need to know everything about how the technology works.

You'll never be able to fully keep up anyway.

Play with it alongside your students and have a nice time!

Don't be afraid to try new and weird things.

You're not going to break anything.

It's more important to ask questions than answer them.

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Any questions?

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