

# Large Language Models (LLMs)

The technology behind ChatGPT, Claude & Co.

## What is an LLM?

A **Large Language Model** is an AI trained on massive amounts of text. It learns patterns in language — grammar, facts, reasoning — and can then generate, summarize, translate, and analyze text.

Think of it like a **musician** who doesn't read every note from a score, but after years of practice **knows which note fits next**. It improvises based on learned patterns — instead of

## The Big Players

**Claude**  
Anthropic

**GPT-4**  
OpenAI

**Gemini**  
Google

**Llama**  
Meta

**Mistral**  
Mistral AI

**Grok**  
xAI

All models listed & compared:

[huggingface.co/models](https://huggingface.co/models)

The largest open AI model hub



EXTRAS

An LLM improvises like a musician — drawing on everything it has heard.

PHOTO: LUIGI BOCCARDO / UNSPLASH

looking up answers from a fixed database.

Extras ↑