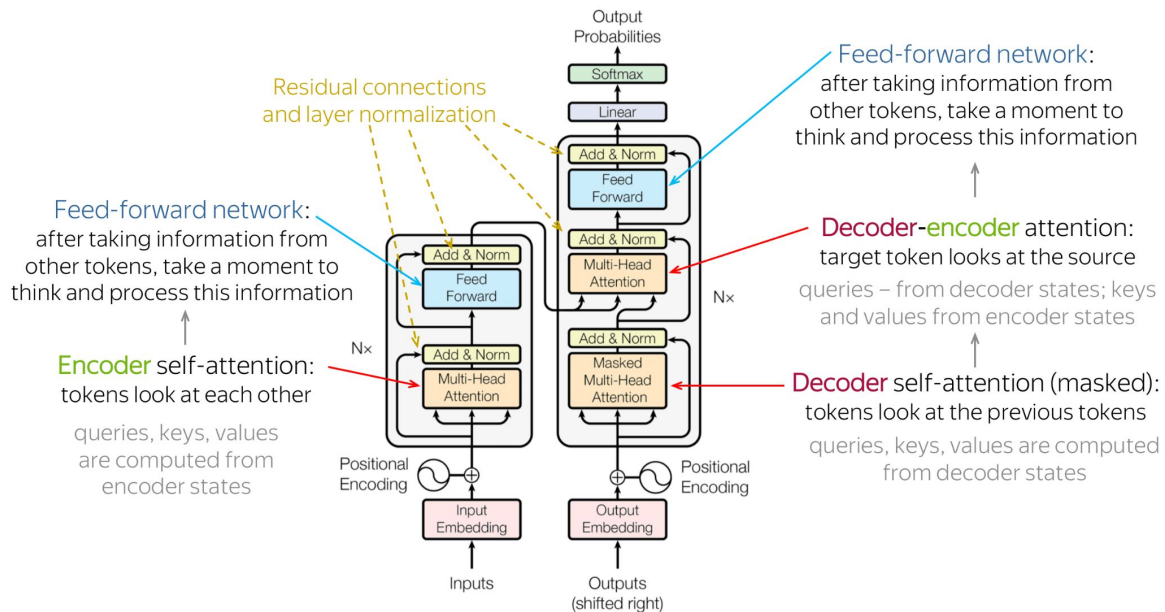


# What is Mistral?

**Discover the open-source LLM by Mistral, for a cheaper alternative to OpenAI.**

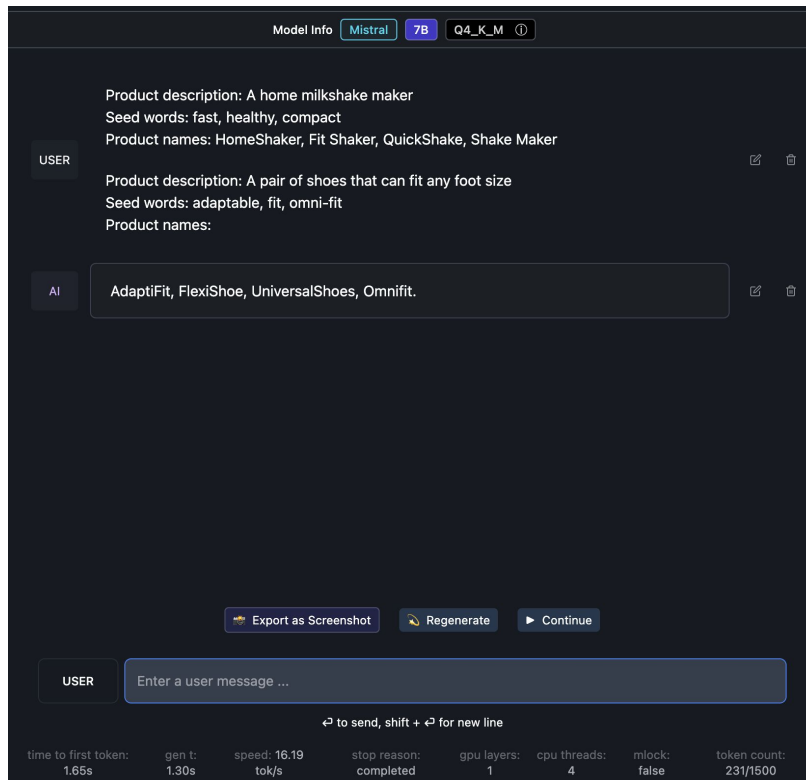
# Transformer Models



[Source](#)

# Mistral 7B

- Created by french startup Mistral and open-sourced under the Apache license
- Access via [hugging face](#) or run locally
- Also offers a fine-tuned chat version



# GPT-3.5 Level Performance

Model	★ Arena Elo rating	📊 MT-bench (score)	MMLU	License
<a href="#">GPT-4-Turbo</a>	1210	9.32		Proprietary
<a href="#">GPT-4</a>	1159	8.99	86.4	Proprietary
<a href="#">Claude-1</a>	1146	7.9	77	Proprietary
<a href="#">Claude-2</a>	1125	8.06	78.5	Proprietary
<a href="#">Claude-instant-1</a>	1106	7.85	73.4	Proprietary
<a href="#">GPT-3.5-turbo</a>	1103	7.94	70	Proprietary
<a href="#">WizardLM-70b-v1.0</a>	1093	7.71	63.7	Llama 2 Community
<a href="#">Vicuna-33B</a>	1090	7.12	59.2	Non-commercial
<a href="#">OpenChat-3.5</a>	1070	7.81	64.3	Apache-2.0
<a href="#">Llama-2-70b-chat</a>	1065	6.86	63	Llama 2 Community
<a href="#">WizardLM-13b-v1.2</a>	1047	7.2	52.7	Llama 2 Community
<a href="#">zephyr-7b-beta</a>	1042	7.34	61.4	MIT
<a href="#">MPT-30B-chat</a>	1031	6.39	50.4	CC-BY-NC-SA-4.0
<a href="#">Vicuna-13B</a>	1031	6.57	55.8	Llama 2 Community
<a href="#">Qwen-Chat-14B</a>	1030	6.96	66.5	Qianwen LICENSE
<a href="#">falcon-180b-chat</a>	1024		68	Falcon-180B TII License
<a href="#">zephyr-7b-alpha</a>	1024	6.88		MIT
<a href="#">CodeLlama-34B-instruct</a>	1022		53.7	Llama 2 Community
<a href="#">Guanaco-33B</a>	1021	6.53	57.6	Non-commercial

# Mistral 7B Features

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## Sliding Window Attention

Higher layers in the transformer stack can access information from further in the past than what is immediately visible in their attention window. As a result, the model can maintain a broader context over longer sequences, as well as offering linear compute cost which is a significant improvement over traditional attention mechanisms with quadratic compute complexity.

# Mistral 7B Use Cases

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## Private Data

Many use-cases in the enterprise can't use OpenAI for fear of sensitive data leaking or being used to train the model (though OpenAI claims to keep API data private). If you have [200+ examples](#) fine-tuning beats prompt engineering for a specific defined task.

## Efficiency

The sliding window mechanism increases speed and decreases cost, making it one of the cheaper models to run in production, particularly for larger tasks.