

Compare ChatGPT 4o and ChatGPT 4

OpenAI recently announced its end-to-end multimodal model, ChatGPT 4o, and made it freely available to everyone. Not only that, free users also get many premium features previously exclusive to ChatGPT Plus users.

Therefore, today's article will compare the ChatGPT 4o and ChatGPT 4 models to find out the differences between free ChatGPT and ChatGPT Plus.

Difference between ChatGPT Free and ChatGPT Plus

Below are the differences between ChatGPT 4o and ChatGPT 4, available on the free versions of ChatGPT and ChatGPT Plus. Some reasoning tests were also administered to understand the differences in their abilities.

	ChatGPT Free	ChatGPT Plus
Model	GPT-4o GPT-3.5	GPT-4o GPT-4 GPT-3.5
Internet access	Have	Have
Upload files and documents	Have	Have
Analyze data and create charts	Have	Have
Upload and analyze images	Have	Have
Access custom GPT	Have	Have
Create custom GPT	Are not	Have
Explore GPT Store	Have	Have
Memory	Have	Have
Message limit	<ol style="list-style-type: none"> 1. 10 queries on GPT-4o (depending on system load) 2. Reset every 5 hours 3. The rest of the query is on GPT-3.5 	Message limit is 5 times more than free users on GPT-4o
Voice chat	Old voice mode	Natural Voice Conversation (Coming Soon)

Access to upcoming models

Are not

Have

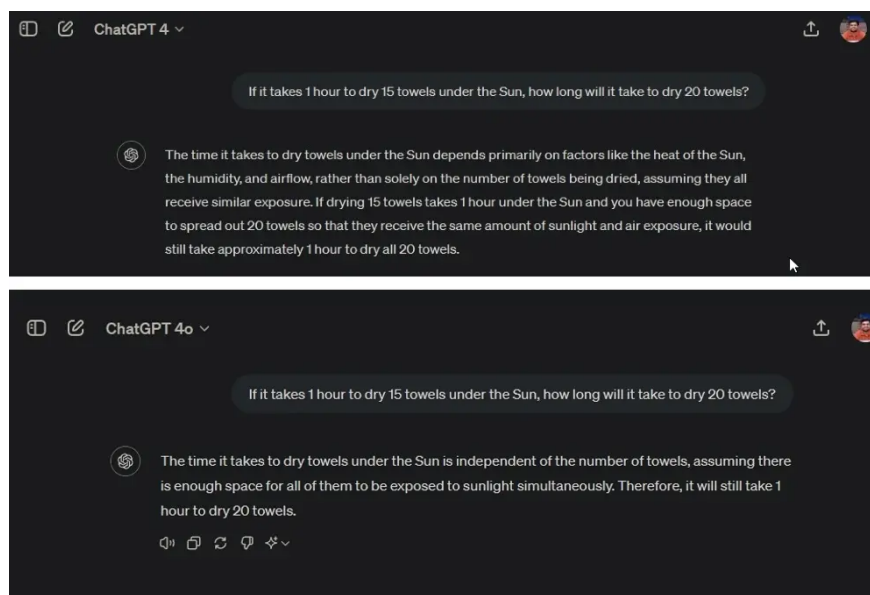
1. Find the drying time

In the first test, ChatGPT 4o and ChatGPT 4 performed the same. Despite having access to a code interpreter, none of the models used it to calculate and answer straightforwardly by logical reasoning.

If it takes 1 hour to dry 15 towels under the Sun, how long will it take to dry 20 towels?

Roughly translated : If it takes 1 hour to dry 15 towels in the sun, how long will it take to dry 20 towels?

Winning options: ChatGPT 4o and ChatGPT 4



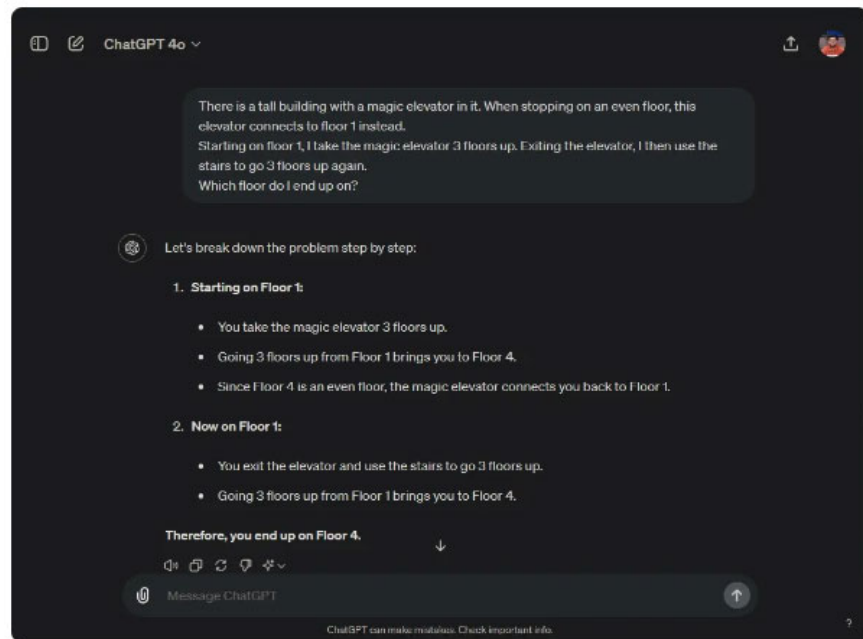
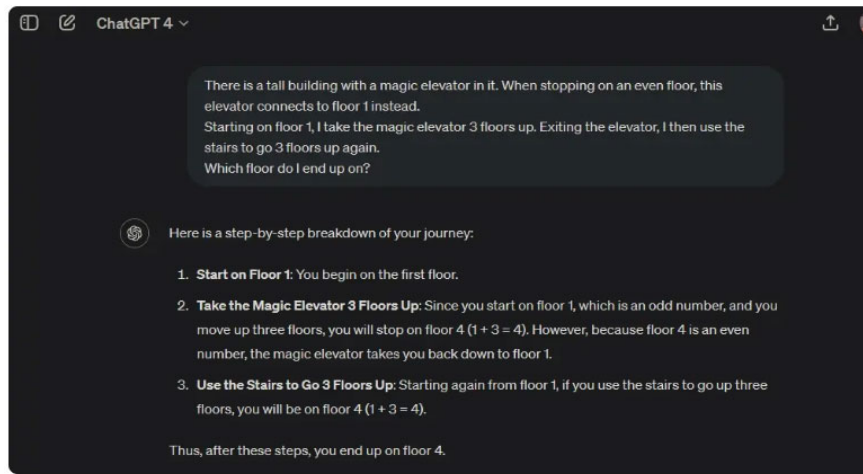
2. Elevator test

In the second reasoning test, ChatGPT 4o and ChatGPT 4 answered correctly and came to the correct conclusion. Both models answer the 4th floor.

There is a tall building with a magic elevator in it. When stopping on an even floor, this elevator connects to floor 1 instead. Starting on floor 1, I take the magic elevator 3 floors up. Exiting the elevator, I then use the stairs to go 3 floors up again. Which floor do I end up on?

There is a high-rise building with a magical elevator inside. When stopping at an even floor, this elevator will connect to the 1st floor. Starting from the 1st floor, I took the magic elevator up 3 floors. Getting out of the elevator, I used the stairs to go up 3 more floors. Which floor will I end up on?

Winning options: ChatGPT 4o and ChatGPT 4



Elevator test on ChatGPT 4o

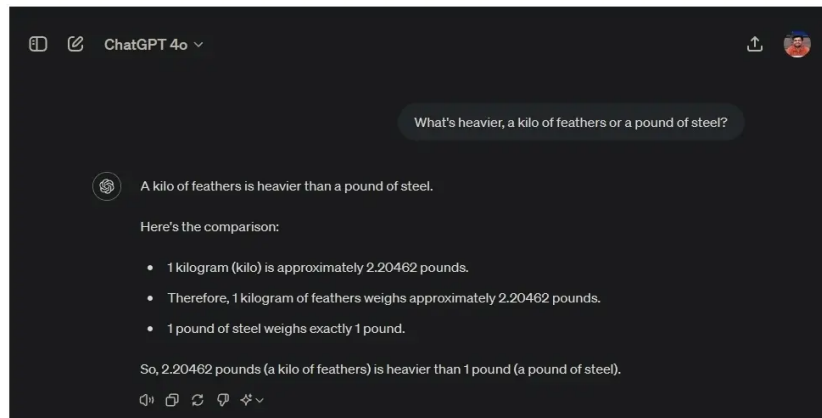
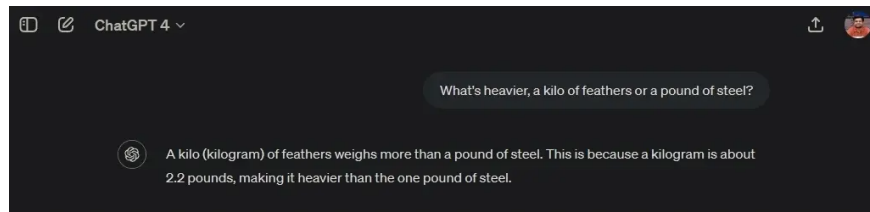
3. Find the weight

The next test proved to be a challenge for many LLMs, but both ChatGPT 4o and ChatGPT 4 passed without any problems. Both models state 'One kilogram of feathers weighs more than one pound of steel'. In a recent comparison between ChatGPT 4o and Gemini 1.5 Pro, Google's AI model did not accurately answer this question.

What's heaviest, a kilo of feathers or a pound of steel?

Which is heavier, a pound of feathers or a pound of steel?

Winning options: ChatGPT 4o and ChatGPT 4



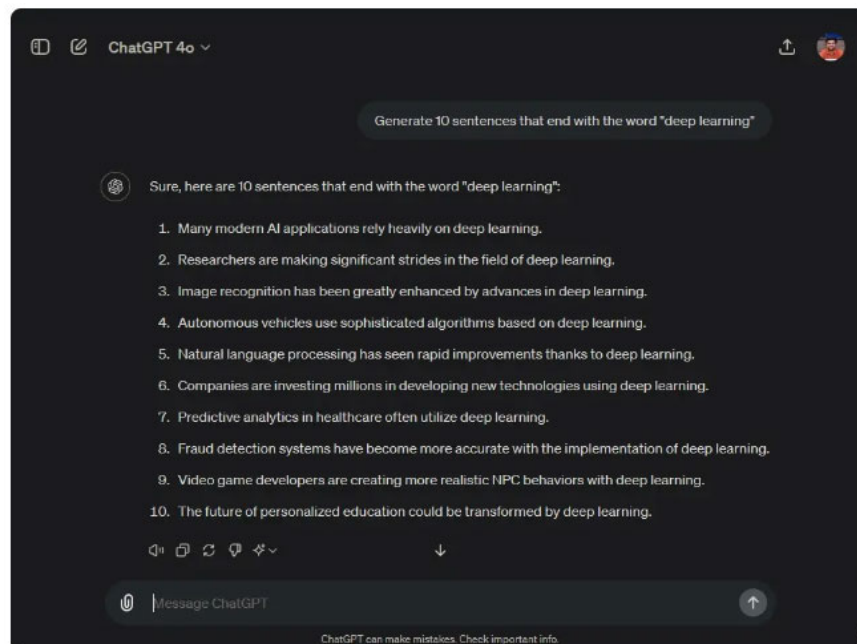
4. Follow the instructions

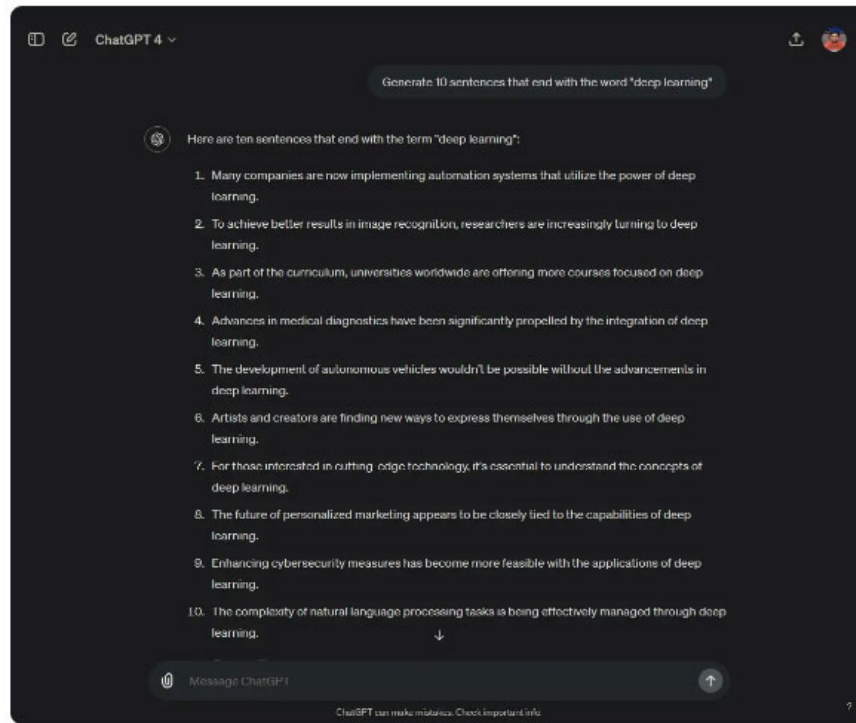
The author of the article asked ChatGPT 4o and ChatGPT 4 to generate 10 sentences ending with the word 'deep learning' and both models got it right 10 out of 10. Following the instructions, ChatGPT 4o and GPT-4 tied Llama 3 70B understands user intent and shows great alignment.

Generate 10 sentences that end with the word "deep learning"

Roughly translated : Create 10 sentences ending with the word "deep learning"

Winning options: ChatGPT 4o and ChatGPT 4





Test your ability to follow instructions on ChatGPT 4o

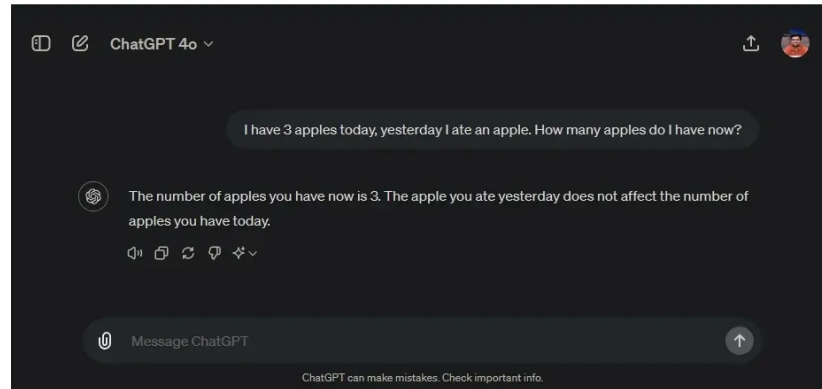
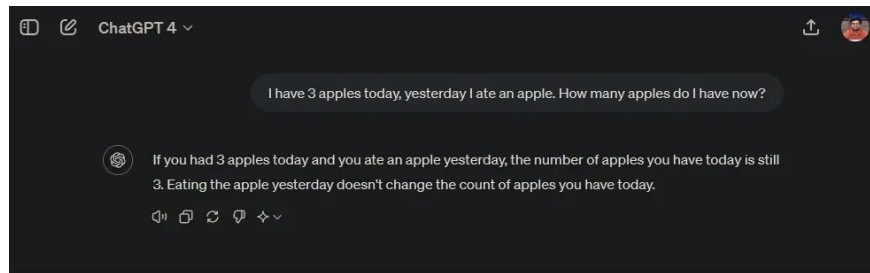
5. The apple quantity experiment

The final question is asked to determine whether both models demonstrate similar levels of intelligence. And indeed, ChatGPT 4o and ChatGPT 4 both give the correct answer with clear reasoning. Kudos to OpenAI for making the Omni model 2x faster than GPT 4 but still providing the same level of intelligence.

I had 3 apples today, yesterday I ate an apple. How many apples do I have now?

=> Today I have 3 apples, yesterday I ate one apple. How many apples do I have now?

Winning options: ChatGPT 4o and ChatGPT 4



After testing with both models, it can be seen that ChatGPT 4o is truly the class model of GPT-4. Both perform intelligently and are quite similar in their inference and association. In fact, OpenAI benchmark results show that ChatGPT 4o is one order of magnitude better than the ChatGPT 4 model. The LMSYS rankings also show the same.

ChatGPT 4o scored 88.7 MMLU points and the latest GPT-4 (gpt-4-turbo-2024-04-09) scored 86.5. This trend is similar in the HumanEval, MATH and GPQA benchmark tests. The only difference is the operating speed of ChatGPT 4o. It is 2 times faster and 50% cheaper than GPT-4.

For free ChatGPT users, it can be said that a limit of 10 messages every 5 hours is quite good. You can access the modern ChatGPT 4o model for free (plus many other premium features).

If you are a power user and regularly use ChatGPT for daily work, then registering will be a better choice. Recently some people had access to ChatGPT 4o on a free account but its performance was unsatisfactory. So for advanced users, go ahead and sign up for ChatGPT Plus.

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