

GPT-4o von OpenAI

- Kostenlos verfügbar (!). Websuche, Code Interpreter, Custom GPTs und Memory inklusive. Für GPT-4o:
 - 80 / 3 h (bezahl Version)
 - 16 / 3 h (freie Version)
- Schneller und günstiger (API-Nutzung)
- Übertrifft leicht GPT-4 Turbo in Benchmarks (Claude 3 bleibt besser in einem Reading Comprehension). Deutlich besser als alle Modelle im LMSYS Chatbot Arena Leaderboard (silent drop von gpt2-chatbot).

GPT-4o von OpenAI

- Echtes multimodales Modell: Verarbeitet Text, Audio und Bilder.
 - Vorher: Audio → Text → Audio
 - Jetzt: Bild → Audio
 - Damit funktionieren auch sachen wie: "Sprich schneller", "Singe", "Theatralische Vorträge".
- Es ist ein kleineres Modell als GPT-4 (laut Diskussion auf AI Explained Discord)
- Laut AI Explained und Discord: Es gibt Anzeichen für "agent behavior".

Benchmark (GPT-4o)

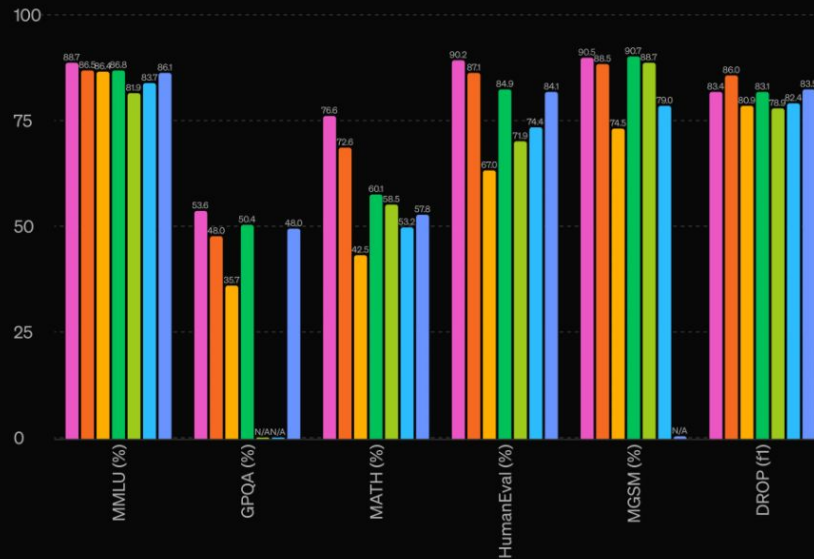
<https://openai.com/index/hello-gpt-4o/>

Eval Sets	<u>GPT-4o</u>	GPT-4T 2024-04-09	Gemini 1.0 Ultra	Gemini 1.5 Pro	Claude Opus
MMMU (%) (val)	69.1	63.1	59.4	58.5	59.4
MathVista (%) (testmini)	63.8	58.1	53.0	52.1	50.5
AI2D (%) (test)	94.2	89.4	79.5	80.3	88.1
ChartQA (%) (test)	85.7	78.1	80.8	81.3	80.8
DocVQA (%) (test)	92.8	87.2	90.9	86.5	89.3
ActivityNet (%) (test)	61.9	59.5	52.2	56.7	
EgoSchema (%) (test)	72.2	63.9	61.5	63.2	

Vision understanding evals

Text Evaluation

GPT-4o GPT-4T GPT-4 (initial release 23-03-14) Claude 3 Opus Gemini Pro 1.5
Gemini Ultra 1.0 Llama3 400b

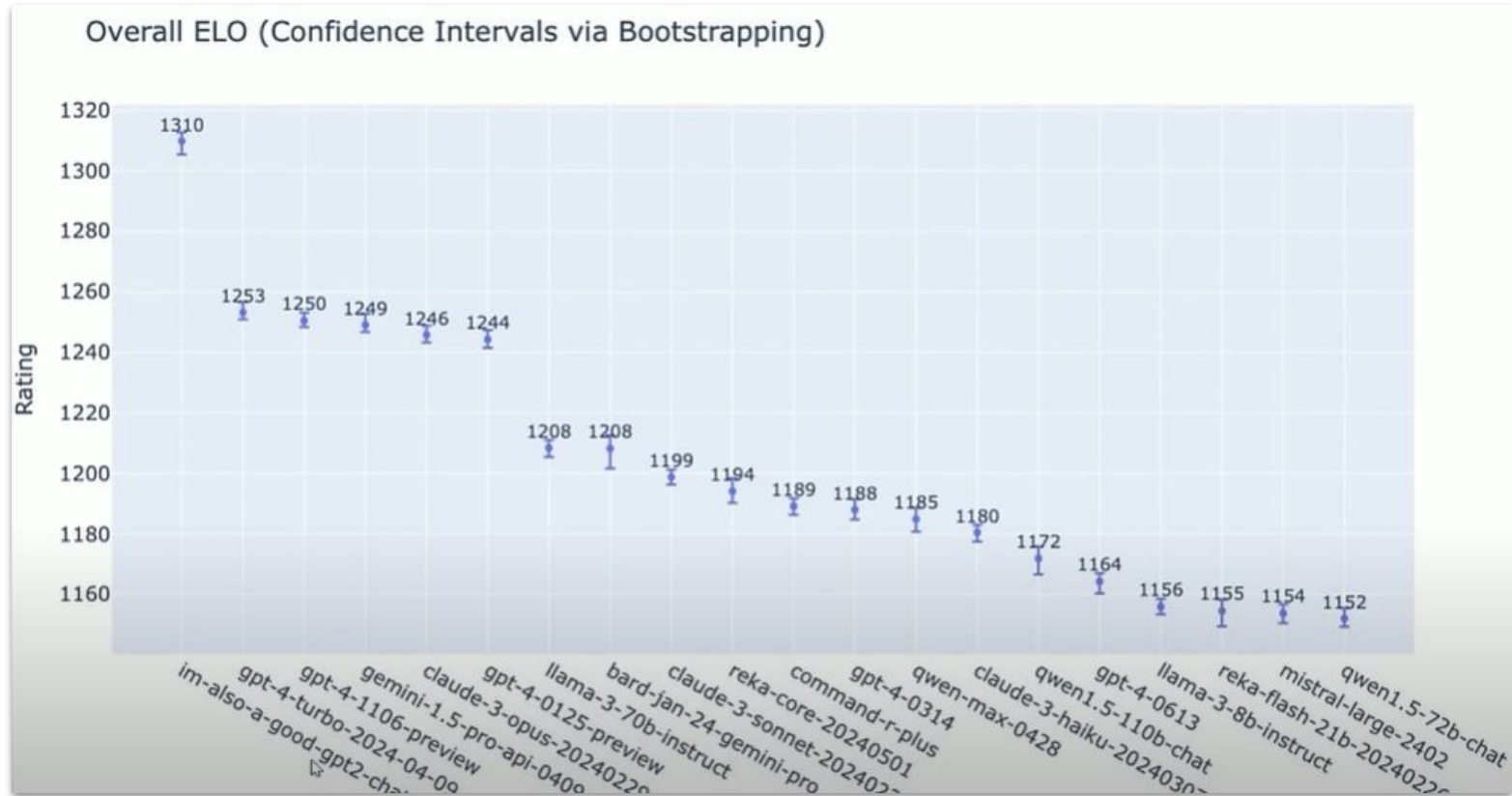


Text Evaluation

[Benchmark Contamination]

User:innen Bewertung: GPT-4o

GPT-4o - Full Breakdown + Bonus Details. <https://youtu.be/ZJbu3NEPJN0?si=Zv6GP-wlUwY0puTD>.



Gute Texterzeugung in Bildern

Erzeugung eines konsistenten Charakters

Select sample: Visual Narratives - Robot Writer's Block


1 **Input**

A first person view of a robot typewriting the following journal entries:

1. yo, so like, i can see now?? caught the sunrise and it was insane, colors everywhere. kinda makes you wonder, like, what even is reality?


the text is large, legible and clear. the robot's hands type on the typewriter.

2 **Output**



person: Sally is standing facing the camera with a smile on her face.


Attachment:



2 **Input**

This is Sally, a mail delivery person: Sally is standing facing the camera with a smile on her face. Sally is standing in front of a red door to a house, holding a letter in her hand. We are looking at her from the side.

3 **Output**



Tokenization für weiter Sprachfamilien

<https://openai.com/index/hello-gpt-4o>

Language tokenization

These 20 languages were chosen as representative of the new tokenizer's compression across different language families

Gujarati 4.4x fewer tokens (from 145 to 33)

હેલો, મારું નામ જીપીટી-4૦ છે. હું એક નવા પ્રકારનું
ભાષા મોડલ છું. તમને મળીને સારું લાગ્યું!

Telugu 3.5x fewer tokens (from 159 to 45)

నమస్కారము, నా పేరు జీపీటీ-4౦. నేను ఒక్క
కొత్త రకమైన భాషా మోడల్ ని. మిమ్మల్ని
కలిసినందుకు సంతోషం!

Tamil 3.3x fewer tokens (from 116 to 35)

வணக்கம், என் பெயர் ஜிபிடி-4౦. நான்
ஒரு புதிய வகை மொழி மாடல்.
உங்களை சந்தித்ததில் மகிழ்ச்சி!

Marathi 2.9x fewer tokens (from 96 to 33)

नमस्कार, माझे नाव जीपीटी-4० आहे। मी एक नवीन
प्रकारची भाषा मॉडेल आहे। तुम्हाला भेटून आनंद
झाला!

Hindi 2.9x fewer tokens (from 90 to 31)

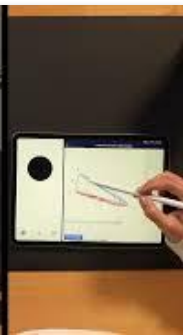
नमस्ते, मेरा नाम जीपीटी-4० है। मैं एक नए प्रकार का
भाषा मॉडल हूँ। आपसे मिलकर अच्छा लगा!



OpenAI. Sarcasm with GPT-4o



OpenAI. Realtime Translation with GPT-4o



OpenAI. Math problems with GPT-4o

OpenAI Data Controls

- Aktualisierung: “Chat-Verlauf & Modelltraining” wurde durch “Temporäre Chats” und “Modell für alle verbessern” ersetzt.
- Modelltraining ausschalten: Web (Profil > Einstellungen > Datenschutzeinstellungen), iOS (Drei-Punkte-Symbol > Einstellungen), Android (Menü > Einstellungen).
- Datenverwaltung: Daten exportieren oder Konto löschen über Einstellungen im Web.
- Weitere Informationen: Einstellungen gelten für alle Geräte, frühere Opt-outs werden anerkannt, ChatGPT Enterprise und Team bieten erweiterte Datenkontrolle.

<https://help.openai.com/en/articles/7730893-data-controls-faq>

OpenAI Introducing the Model Spec

<https://openai.com/index/introducing-the-model-spec/>
<https://cdn.openai.com/spec/model-spec-2024-05-08.html>

OpenAI Reimagining secure infrastructure for advanced AI

<https://openai.com/index/reimagining-secure-infrastructure-for-advanced-ai/>

<https://youtu.be/IONEnVWy4QE?si=XUchGix5t-7nnKt1>