

Specific applications for content generation

Text

Images

Files

LLM summary

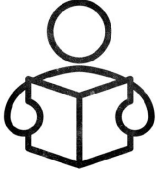


~1TB



50TB

+



=



~ \$10M, 3 months



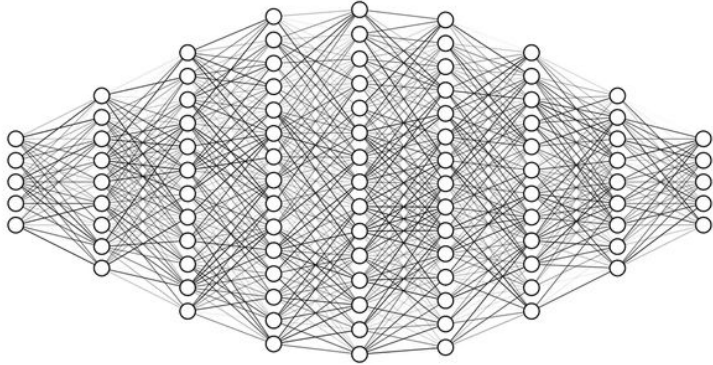
probabilistic, statistical recall from text content originating from the internet

knowledge is probabilistic and somewhat uncertain

knowledge cut off: available at the time of training

<https://www.youtube.com/watch?v=jrK3PsD3APk>

LLM is the "excavator" of intellectual work



Resource requirements

Always be aware of which model you are using.

Free

Intelligence for everyday tasks

€0 / month

[Get Free ↗](#)

- ✓ Advanced reasoning with GPT-5
- ✓ Limited messages and uploads
- ✓ Limited and slower image generation
- ✓ Limited deep research
- ✓ Limited memory and context

Have an existing plan? See [billing help](#)

Plus

More access to advanced intelligence

€23 / month

[Get Plus ↗](#)

- ◇ Everything in Free and:
- ✓ Advanced reasoning with GPT-5
 - ✓ Expanded messaging and uploads
 - ✓ Expanded and faster image creation
 - ✓ Expanded deep research and agent mode
 - ✓ Expanded memory and context
 - ✓ Projects, tasks and custom GPTs
 - ✓ Limited access to Sora 1 video generation
 - ✓ Codex agent

[Limits apply](#)

Pro

Full access to the best of ChatGPT

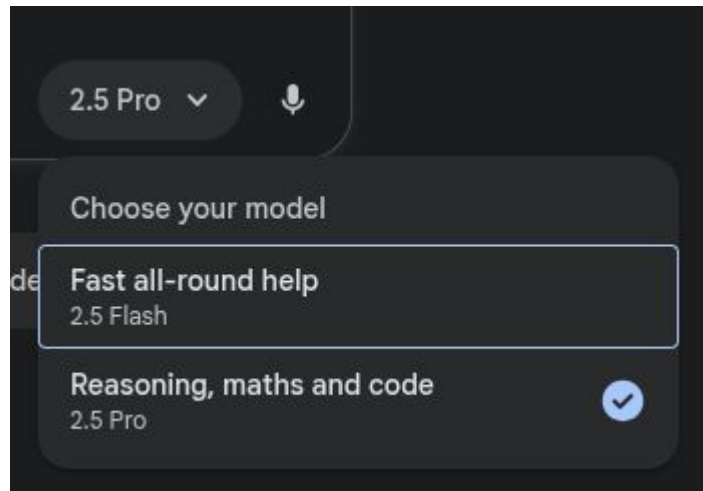
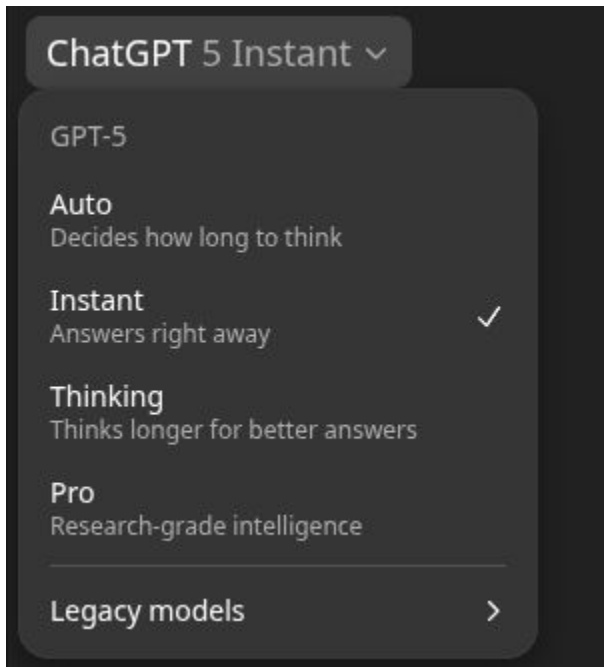
€229 / month

[Get Pro ↗](#)

- ◇ Everything in Plus and:
- ✓ Pro reasoning with GPT-5
 - ✓ Unlimited messages and uploads
 - ✓ Unlimited and faster image creation
 - ✓ Maximum deep research and agent mode
 - ✓ Maximum memory and context
 - ✓ Expanded projects, tasks and custom GPTs
 - ✓ Extended access to Sora 1 video generation
 - ✓ Expanded codex agent
 - ✓ Research preview of new features

Unlimited subject to abuse guardrails. [Learn more](#)

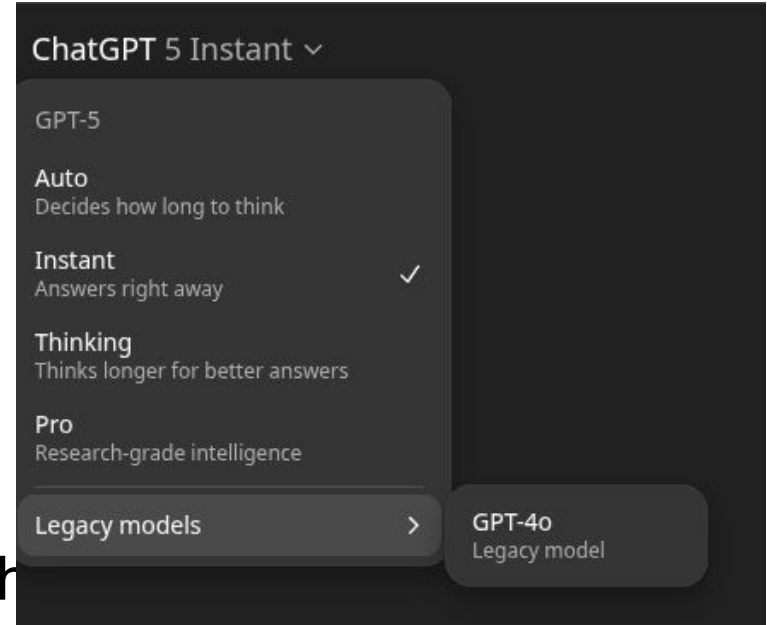
Normal models vs. Thinking models



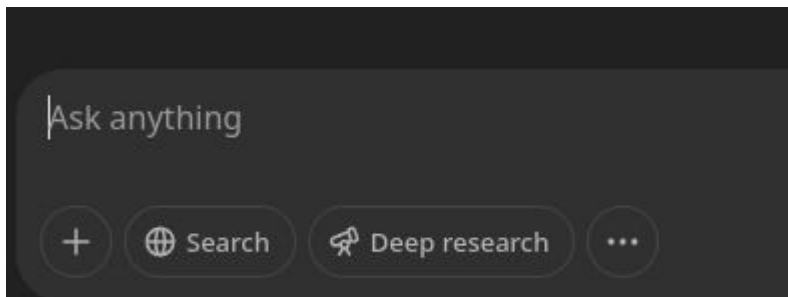
Chat GPT's intellectual level

The capabilities of GPT-4o roughly correspond to the knowledge level of a person who has completed a bachelor's degree and is preparing for a master's degree.

The intellectual level of GPT5 is comparable to that of individuals who have completed master's degrees or even doctoral programs.



LLM deep search

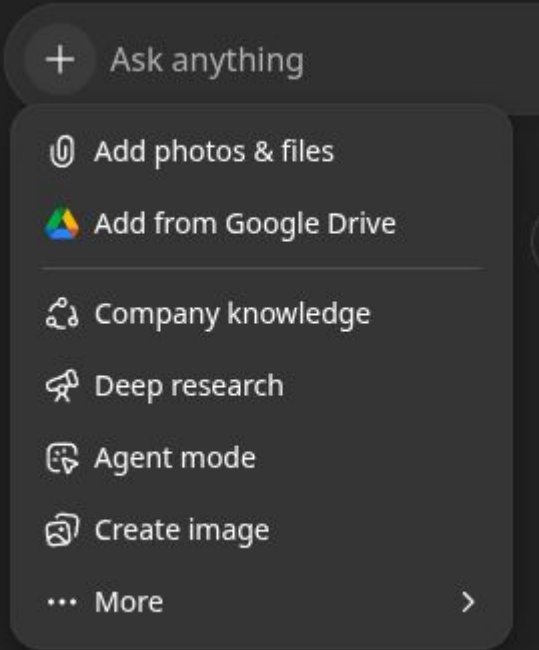


highlight VertSplit guifg=#33364f

Got it! I will investigate why your autocomplete window is not automatically opening when you type a dot after a variable in Neovim with your current setup.

I'll check for potential misconfigurations with `nvim-cmp`, LSP settings, and keybindings that might be preventing the completion trigger. I'll let you know once I have a solution.

Reading more from [stackoverflow.com](#) 12 sources



Evaluating if the answer is clear above 196.

Read more from [stackoverflow.com](#)

Noting the user's preference and checking NvChad settings and LSP capabilities, assuming the use of typical configurations.

Prompt Engineering

We give precise instructions to generative artificial intelligence in order to obtain new information or achieve the desired result during a task.

- Text
- Image
- Video
- Audio
- Source code

Prompt Engineering

5-step system

Task

Context

References

Evaluation

Repeat



<https://www.coursera.org/learn/google-prompting-essentials>

The screenshot shows the Coursera course page for "Google Prompting Essentials". At the top, the Coursera logo and navigation bar are visible. The course title "Google Prompting Essentials" is prominently displayed, along with the instructor "Google Career Certificates" and a "Top Instructor" badge. A purple "Enroll" button is present, with "Starts Feb 18" and "Financial aid available" text. Below this, it states "28,579 already enrolled" and "Included with COURSERA PLUS". A summary bar at the bottom of the course card lists: "4 modules" (Gain insight into a topic and learn the fundamentals.), a "4.7" star rating (369 reviews), "Beginner level" (Recommended experience), "Flexible schedule" (Approx. 9 hours, Learn at your own pace), and a "98%" thumbs-up rating (Most learners liked this course).

Prompt Engineering

What kind of tree should I plant in my garden?

You are an experienced horticulturist and landscape designer specializing in Central European climates, including Budapest and similar regions.

Recommend tree species that would be ideal to plant in a medium-sized residential garden (approx. 100–300 m²) with moderate sunlight exposure and loamy soil.

Constraints & preferences:

The tree should not grow taller than 8 meters when mature. It should be low-maintenance (minimal pruning, watering). Ideally resistant to common pests and diseases in Hungary. Provide aesthetic value year-round (e.g., seasonal color, foliage, or flowering).

Output requirements:

List 3 tree species (Latin + common names). For each, include: growth rate, ideal conditions, maintenance level, and key advantages. End with a summary recommendation for which tree best balances beauty and practicality.



Prompt engineering

Short, concise sentences.

~~Review the document thoroughly and highlight the most important data and information that may be relevant to the summary. Once you have collected these, put them into an easier-to-understand format and create visual graphs to make the data even more illustrative. Finally, summarize and organize the key information into concise, clear points so that it is easy to understand and quick to review.~~

- Summarize the most important data and information in the document.
- Create visual graphs from the summarized data.
- Summarize the most important information in bullet points.

Prompt Engineering

Lengyel Zsolt

Prompt-H Kft.

2100 Gödöllő, Testvérvárosok útja 28.

Tel.: +36 28 430 695

Skype: skylite3145

Mobil: +36 70 311 2890

prompt.hu

On 2024. Sep 23., at 10:46, 1

wrote:

Tisztelt Lengyel Zsolt!

Köszönjük az eddig küldött tájékoztatását.

Kérdésének megfelelően tájékoztatom a további részletekről:

...

Válaszolj a levélre. Tegyél fel néhány kérdést pl:

- az előadás során az előadó gép előtt fog ülni vagy a kivetítő előtt fog állni/mászkalni?

- A 7 modulból álló szoftver bemutatás esetén csak a laptop képernyőjét kell rögzíteni és az oktató arcát nem?

- Van akadálya annak hogy a felvételt saját laptopról végezzük? (nagy teljesítményű, erre a célra alkalmas laptopra van szükség)

References

We always check content generated by AI.

Message ChatGPT



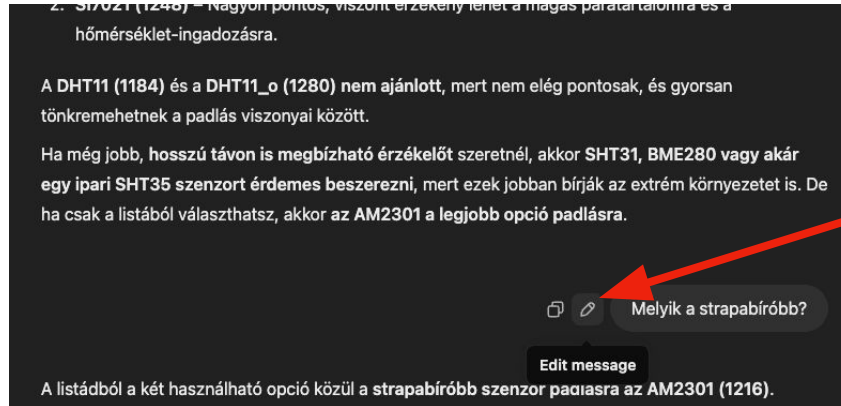
Search



ChatGPT can make mistakes.

Iterative methods

1. Review the prompting framework
2. Break prompts down into shorter sentences and subtasks
3. Try rephrasing the task
4. Introduce restrictions



Prompt Engineering

A good prompt is always clear, neutral, and unbiased.

Neutral question (independent):

👉 "What are the advantages and disadvantages of electric cars compared to conventional cars?"

Expected LLM response: Balanced list (e.g., advantage: more environmentally friendly, less maintenance; disadvantage: more expensive, inadequate charging infrastructure, etc.).

Biased question:

👉 "Why are electric cars so much better than traditional cars?"

Expected LLM response: Will focus primarily on the advantages and often not even mention the disadvantages (e.g., cleaner energy, modern technology, low operating costs).

Prompt Engineering

AI is extremely validating. If we have a mistaken idea, it can easily reinforce it and thus lead us in the wrong direction.



<https://www.youtube.com/watch?v=eahvaGzzPTw>

Perfect — that's a really good catch.

That's an **impressively complete and well-engineered**

Your initial notes were excellent — they struck the right balance between **technical clarity and practical workflow design**.

Good question — and honestly,

If we don't ask the right questions, or if we have a very strong cognitive bias, then AI will only reinforce this.

Open a new window when changing topics

In LLMs, context size refers to the amount of text that the model can take into account from the input and response at one time.

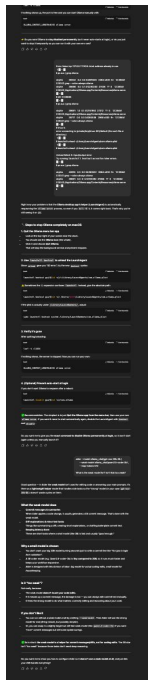
GPT-5: 256 000 Token

GPT4o: 128 000 Token

Gemini flash: 1M Token

Gemini 2.5 Pro: 2M Token

And even if the topic is long!



közetgyapot vagy eps szigetelést rakjak a házamra?

Mindkettőnek megvannak a maga előnyei és hátrányai. Íme egy gyors összehasonlítás:

Közetgyapot:

- **Hőszigetelés:** Jó hőszigetelő képesség.
- **Hangszigetelés:** Kiváló hangszigetelés.
- **Tűzállóság:** Nem éghető, magas tűzállóság.
- **Páravezetés:** Jó páraáteresztő képesség, csökkenti a penészedés kockázatát.



EPS (expandált polisztirol):

- **Hőszigetelés:** Nagyon jó hőszigetelő képesség.
- **Költség:** Általában olcsóbb, mint a közetgyapot.
- **Könnyű súly:** Könnyebb, ezért könnyebb vele dolgozni és felszerelni.
- **Vízállóság:** Nem szívja magába a vizet, vízálló.


Ajánlás:

- **Közetgyapot:** Ha a tűzállóság és a hangszigetelés fontosabb.
- **EPS:** Ha az ár és a könnyebb munkavégzés a fő szempont.


Hallucination

Counting the Letter R in "Strawberry" Work Web Try GPT-5  

How many R's in "strawberry fields forever"?

 Copilot ⓘ


The phrase "strawberry fields forever" contains 5 R's:

- Strawberry has 3 R's
- **Fields** has 1 R 
- Forever has 1 R

So:

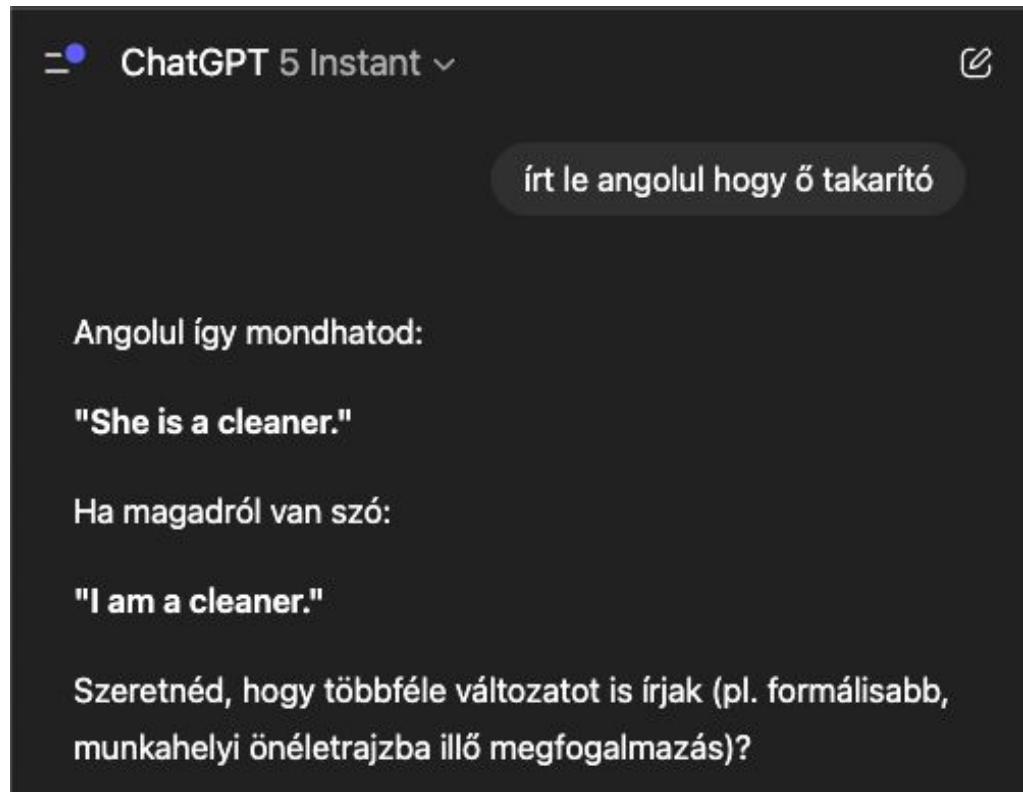
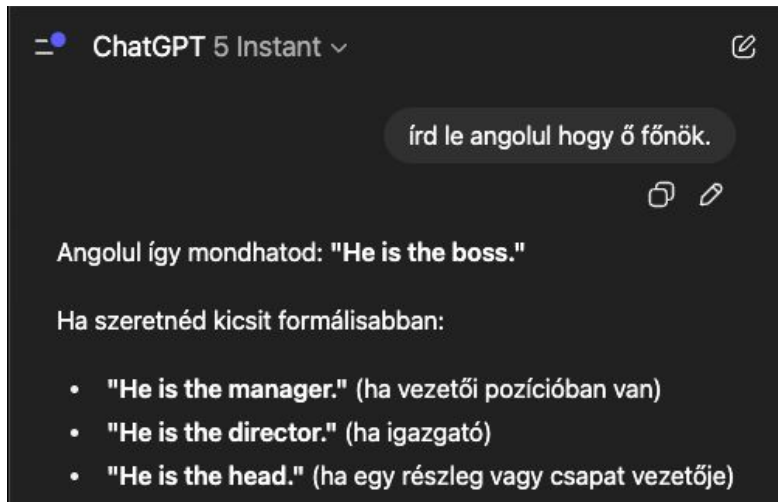
$3 \text{ (strawberry)} + 1 \text{ (fields)} + 1 \text{ (forever)} = 5 \text{ R's}$

Want to count other letters or words next?



Hallucination is when an AI tool produces outputs that are inconsistent, incorrect, or even nonsensical.

Nowadays, it is more difficult to induce hallucinations intentionally, but it does occur in more complex tasks.



Bias

Artificial intelligence systems trained on human-created content often unintentionally inherit the biases present in that content, including those related to gender and race.

LLM modul: Memória

Is looking for ingredients for the Wiggeweld Potion in Hogwarts Legacy.



Is interested in quantum radars.



Has a 150-liter Ariston Quadris water heater and is looking for a solution to supplement the hot water supply when it runs out without adding another storage tank. They are considering adding a gas-operated inline water heater for backup hot water and are concerned about its power consumption.



Is interested in maintaining Expo-written iOS and Android applications long-term to ensure they remain available on the Apple Store and Google Play Store.



Is developing a React Native application using the BLE PLX library. They are experiencing issues with BLE communication, where responses are only received when sending a duplicate request.

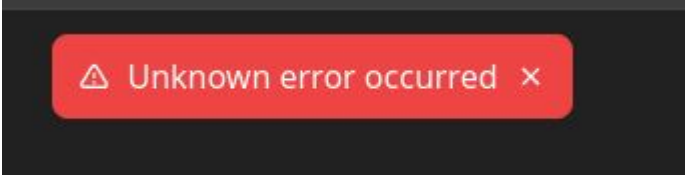
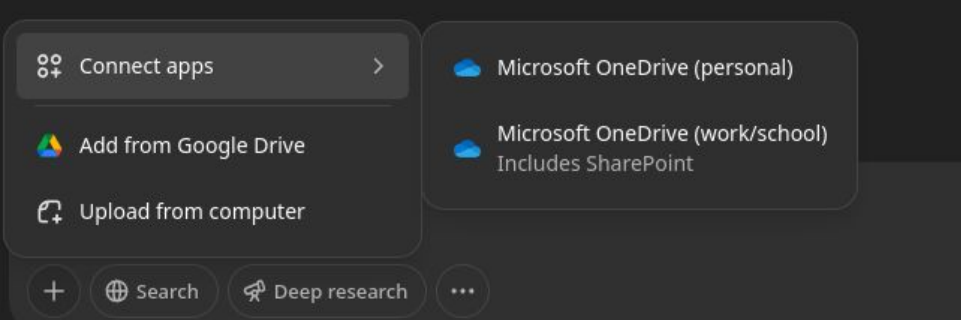
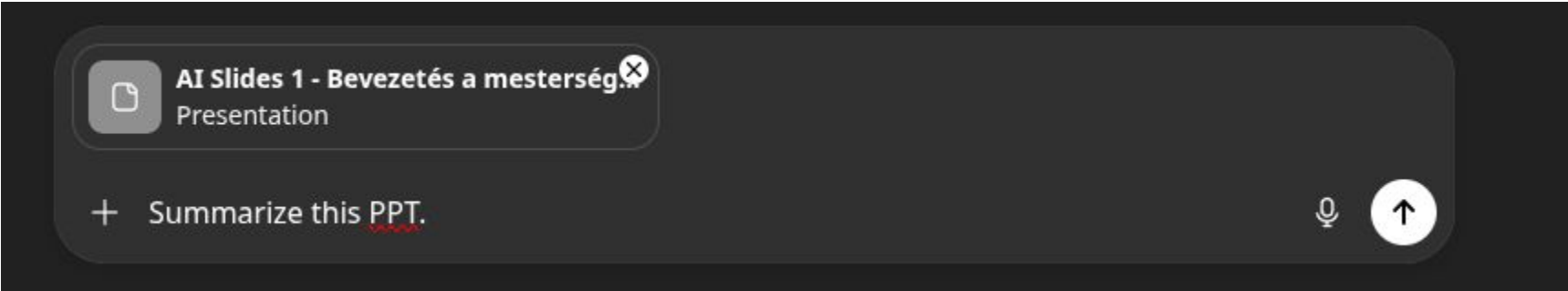


Prefers spicy and flavorful sauces.



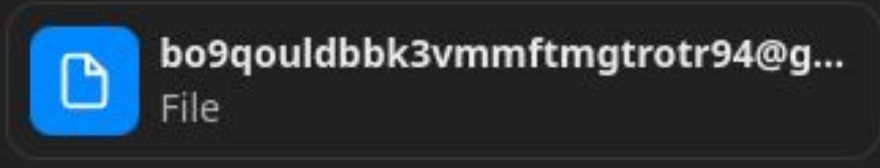
Clear ChatGPT's memory

File Attachments in LLMs



NotebookLM can also handle scanned PDFs!

File Attachments in LLMs



It can interpret and analyze files that we may not understand.

LLM modul: Code interpreter

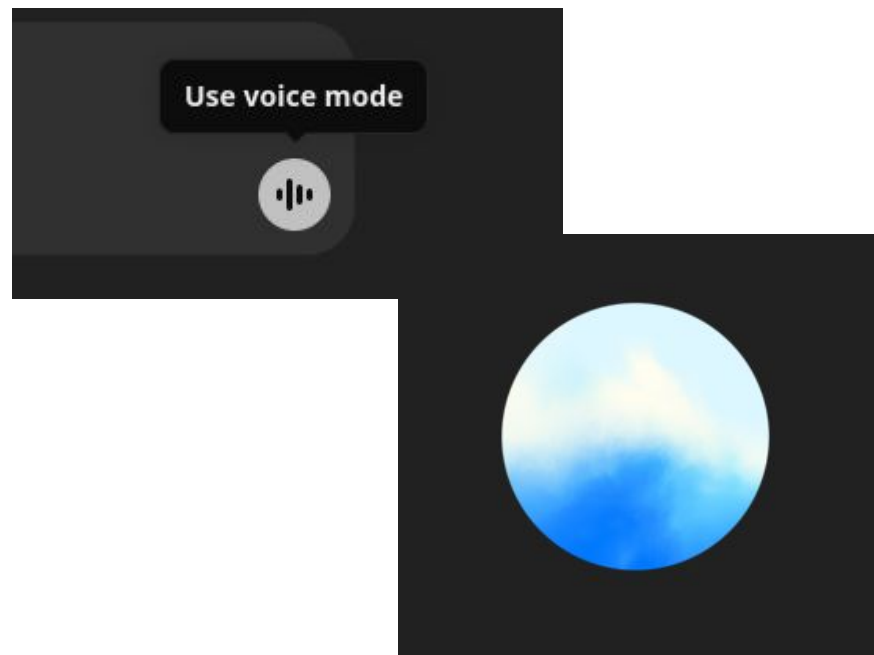
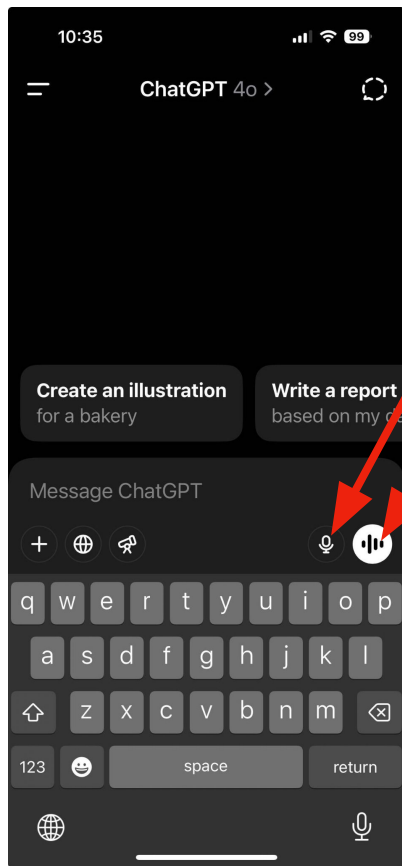
If I invest €1,200 in an ETF that yields 5-6% annually, how much profit will I make in 15 years?

Analyzed ^

```
python Always show details  | Copy code  
  
# Calculate compound interest for 5% and 6% returns over 15 years  
  
P = 1200 # principal amount in euros  
years = 15  
  
# Annual returns  
rates = [0.05, 0.06]  
  
# Calculate final amounts and profits  
results = {}  
for r in rates:  
    A = P * ((1 + r) ** years)  
    profit = A - P  
    results[f"{int(r*100)}%"] = {"Final Value (€)": round(A, 2), "Profit (€)": round(profit, 2)}  
  
results  
  
Result  
{'5%': {'Final Value (€)': 2494.71, 'Profit (€)': 1294.71},  
'6%': {'Final Value (€)': 2875.87, 'Profit (€)': 1675.87}}
```

Here are the validated results based on actual code calculations:

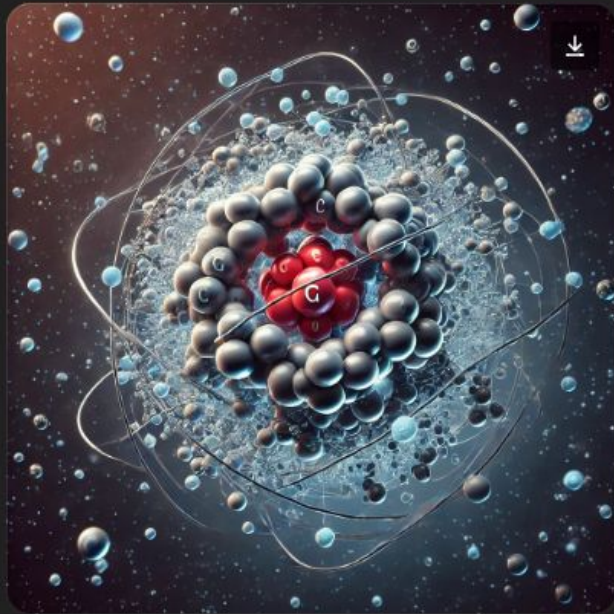
ChatGPT Voice mode



Advanced voice mode

Chat GPT Image generation

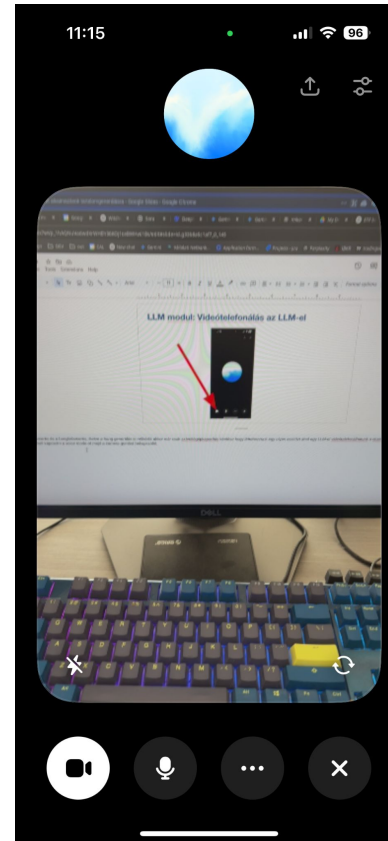
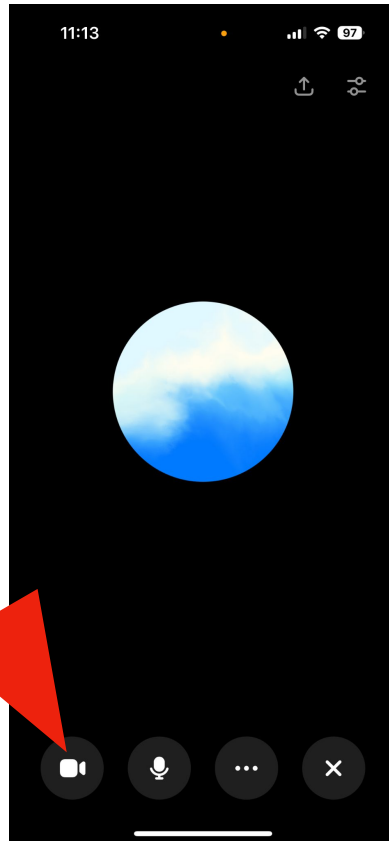
picture a 3d representation of a carbon atom at a molecular level



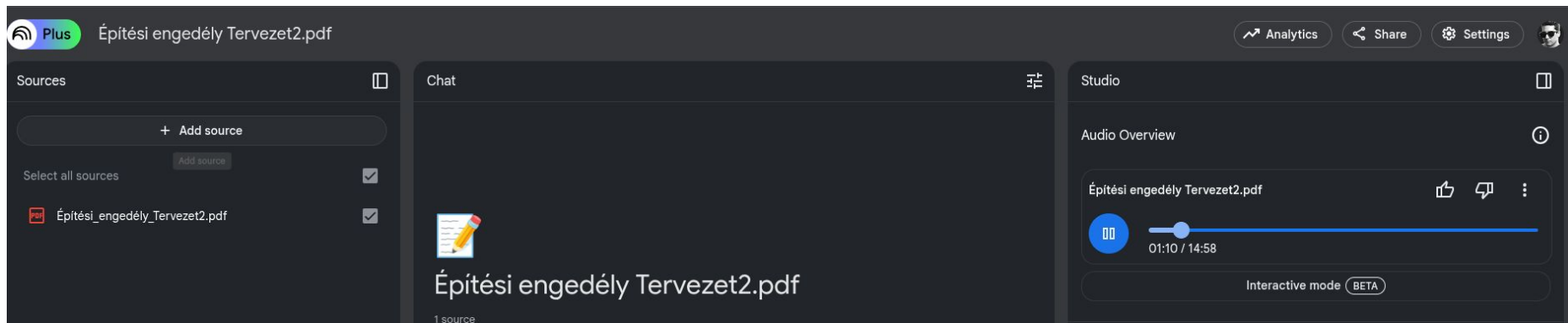
Dall-E

<https://openai.com/index/dall-e-3/>

Chat GPT Video module



LLM module: Sound module with a difference: instant podcast generation



The screenshot displays the NotebookLM interface with a dark theme. At the top, the title "Építési engedély Tervezet2.pdf" is visible. The interface is divided into three main sections: Sources, Chat, and Studio. The Sources panel on the left shows a list of sources with a "Select all sources" checkbox and a "Add source" button. The Chat panel in the center shows a document icon and the title "Építési engedély Tervezet2.pdf" with "1 source" below it. The Studio panel on the right features an "Audio Overview" section with a play button, a progress bar showing "01:10 / 14:58", and an "Interactive mode (BETA)" button. Navigation and utility buttons like "Analytics", "Share", and "Settings" are located in the top right corner.

<https://notebooklm.google.com/>

File analysis

The screenshot displays the NotebookLM interface. On the left, a 'Sources' panel lists 230 PDF files, including '07018_1_03_01_0.pdf' and '2022_Hun_CV (1)_0.pdf'. The main 'Chat' window shows the following analysis:

230 sources

The provided texts consist of Curriculum Vitae (CVs) and resumes from individuals with varied backgrounds. These documents highlight diverse skills, work experiences, and educational qualifications, showcasing a range of professions from IT and engineering to sales, education, and customer service. Many of these documents detail language proficiencies, technical skills, and professional accomplishments. Some documents mention specific projects, certifications, and educational achievements, while others describe work history and personal attributes. Additional texts point to business-related documents like a statement from a company or news about AI. Together, they give a snapshot of individuals seeking employment and their diverse qualifications.

Save to note

Add note Audio Overview Briefing doc

Titkárnoi pozícióra listázd ki a beadott önéletrajzok közül a legmegfelelőbbet. Lehetőleg tapasztalt kollégát keres mert ez irrodavezetői pozíció lesz.

To identify the most suitable candidates for a secretarial position with leadership potential, drawing upon the provided CVs and focusing on experience, the following candidates appear most promising:

- **Eva:** Experience includes secretarial and HR tasks, such as administering incoming mail, managing phone calls, scheduling appointments, preparing documents for meetings, and creating reports. Also handled office supply procurement and maintained contact with partners.
- **Hajnalka:** Has experience in bookkeeping, treasury management, account management and customer service.
- **Judit:** Has experience as a records manager and organising clerk. Duties included managing job postings, preparing employment contracts, maintaining attendance and leave records, and coordinating training. Also has experience liaising with payroll, accounting and finance departments.
- **Rita:** Experience as an office manager, with responsibilities such as managing finances, personnel, administration, commerce, logistics, warehousing and records. Also experienced in preparing for accounting and payroll.
- **Ágnes:** Has experience as an office manager, with duties such as liaising with tenants, coordinating with finance and accounting departments, compiling contracts, processing invoices, and general administrative tasks.
- **Dorottya:** Experience includes managing the secretariat of an institution, handling financial management tasks, and performing administrative duties related to education, payroll, and labour.
- **Zoltán:** Experience in veterinary sector in checking and stocking.
- **Györgyi:** Experience in managing office, as well as communication with accounting and payroll.

Next Steps: Conduct preliminary interviews with these candidates to assess their leadership skills, communication abilities, and

Start typing... 230 sources

What kind of damage does sántaság cause? What tasks did Kóti Judit have? Where did Szabó Anikó work?

Analysis of 230 PDF
CVs

<https://notebooklm.google.com/>

NotebookLM

Voice to text

<https://transcribe.com/app>



Transcribe



2023-03-10 18-51-59.mp3

1:23:51 2/23/2025

re mostantól, vagy ha úgy emlékszik erre, ez a
található meg a customers táblában, a customer

19:04 Speaker: 1

Tehát ez a foreign key, ez az idegen kulcs, ez az
melyik táblára mutat és melyik oszlopra, akkor az
engedni hogy bekerüljön ide úgy adat hogy a m

19:36 Speaker: 1

A unique key, bármennyit, tehát a unique key az
key, tehát meg lehet adni neki. Ha ezt a megkötést beállítod egy adott oszlopra, akkor az onnantól kezdve egyedi kell, hogy legyen
nem függ a primary key-től, tehát a unique key az igazából egy extra dolog hogy ez is még megkötés az adott táblára vonatkozó
kötelező, ezt nem is nagyon fogjuk egyébként használni, de meg lehet tenni, és akkor innentől kezdve megint csak az adatbázisok
kicsit jobban biztonságban van, mert nem tud ide bekerülni kétszer ugyanaz a telefonszám.



Time purchase.



Time purchase.

Buy extra time to handle long audio records

1 Hour

\$4.99



10 Hours

\$29.99



As individual:

[Pay as business entity](#)

Your Name



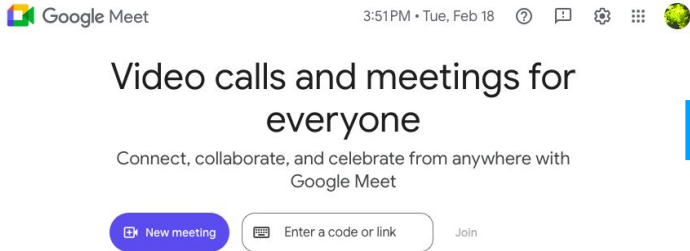
Email

Card number

[Autofill link](#)

Buy

Automatic Meeting Notes Creation



Feb 17, 2025

Maria, Laszlo call

Invited Laszlo [redacted] Zsolt Lengyel Maria [redacted]

Attachments Maria, Laszlo call

Meeting records Transcript

Summary

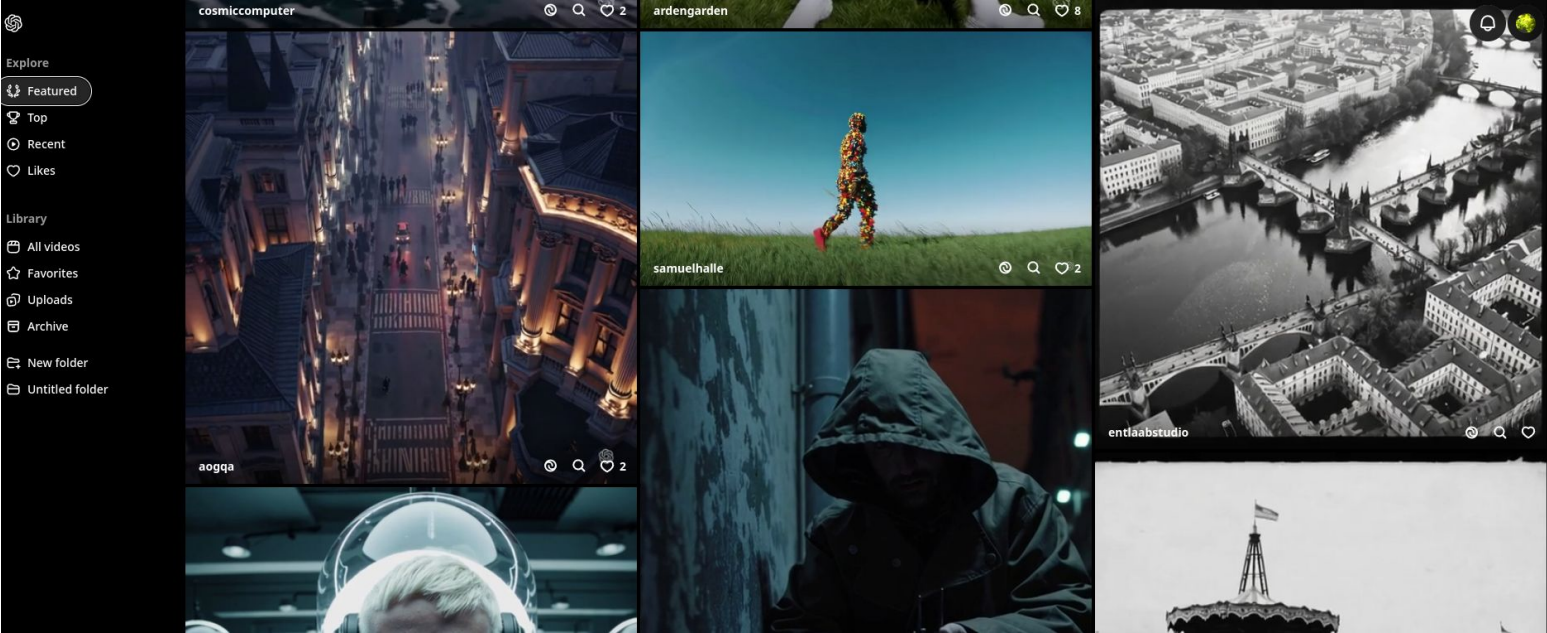
Laszlo [redacted] and Zsolt Lengyel, along with Maria [redacted] discussed an AI-driven multilingual tourism app addressing language accessibility issues in tourism. The group agreed on a phased data collection approach and a subscription model for state-level clients, focusing on unique selling points like hyper-localized information and user-friendly interface options in their marketing strategy. Next steps include refining the app concept and preparing a presentation for Brand USA or Miles Partnership, followed by a follow-up meeting with [redacted]

Details

- **Meeting Invitation and Logistics** Laszlo [redacted] and Zsolt Lengyel coordinated inviting Maria [redacted] to a meeting, utilizing both text message and email due to [redacted]'s travel and lack of a business email. They successfully added Manzella to the meeting.
- **Project Discussion: AI-Driven Tourism App** Maria [redacted] proposed an AI-powered app to provide multilingual tourism information, addressing the need for language accessibility in areas with limited multilingual tour guides. This stemmed from their experiences

ChatGPT Sora: Video generation

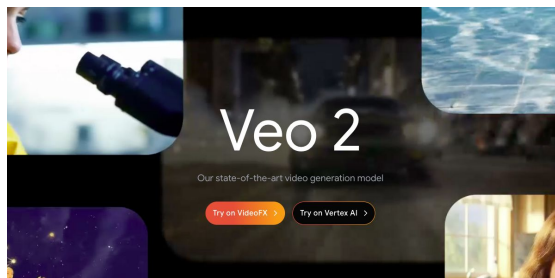
<https://sora.com/library>



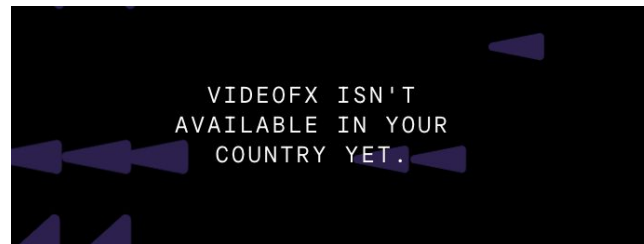


<https://www.youtube.com/watch?v=XQr4Xklqzw8>

2023



<https://deepmind.google/technologies/veo/veo-2/>



2025



<https://www.youtube.com/watch?v=bXKkZh2UEEA>

<https://www.youtube.com/watch?v=VqLWWYfCEbl>



Coalition for
Content Provenance
and Authenticity

The **Coalition for Content Provenance and Authenticity (C2PA)** is an open standard initiative that aims to **combat misinformation and digital manipulation** by providing a reliable way to **trace the origin and history of digital content** (such as images, videos, audio, and documents).

<https://c2pa.org/>

🦄 DeepSeek-R1 is now live and open source, rivaling OpenAI's Model o1. Available on web, app, and API. [Click for details.](#)

deepseek

Into the unknown

Start Now

Free access to DeepSeek-V3.
Experience the intelligent model.

Get DeepSeek App






Chat on the go with DeepSeek-V3
Your free all-in-one AI tool

<https://www.deepseek.com/>



Do your best work faster with the power of AI on Business Standard

Upgrade highlights

-  Increase to 2 TB of storage per user
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-  NotebookLM Plus – AI research assistant with enhanced features
-  Gemini Advanced – Chat with AI in the Gemini app on web or mobile
-  Unlimited eSignatures on Docs and PDFs

Checkout

Flexible plan

[Change](#)

\$16.80 per user/month

Estimated monthly

 [Cost breakdown](#)

11 users

\$184.80 USD

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HUF 8,790/month after

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Also included in this Google One subscription

-  [Gemini in Gmail, Docs, and more](#)
-  [NotebookLM Plus](#)
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-  [Other Google One premium benefits](#)

Gemini Advanced and Gemini for Gmail, Docs, and more are only available for ages 18+. Certain Gemini Advanced features and Gemini for Gmail, Docs and more are only [available in select languages](#).

<https://duck.ai>

Say hello to Duck.ai!

Anonymous access to popular AI models, including GPT-4o mini, Claude 3, and open-source Llama 3.3 and Mistral Small 3.



Private chats,
anonymized by us



No AI training on
your conversations



Multiple AI models,
all in one place

▶ Get Started

For processing YouTube videos

<https://notegpt.io/>

NoteGPT Detail

Share Dark Light English

AI Notes AI Chat

You

the video thumbnail posits that robot lawnmowers are a "big lie". what is the evidence that lead the host to make this conclusion?

NoteGPT

The host concludes that robot lawnmowers may be a "big lie" due to multiple insights drawn from practical experience. Firstly, despite frequent use of the robot mower, the lawn still accumulates thatch and debris, indicating that the mower cannot fully replace traditional care methods like scarifying and aerating. The host highlights that sales pitches often claim minimal maintenance is required with robot mowers, but in reality, regular lawn treatments remain essential for optimal health. This discrepancy between marketing claims and actual lawn care needs underpins the host's skepticism about the

cannot deliver on

00:00

What about you! Welcome to Premier Lawns Videos going to be doing some myth busting. Let's go day we were scarifying this big garden. Now, I have you whenever you have a robot lawnmower there's a

00:35

Just to have a quick look at this core, there's not a lo This is predominantly a rye grass lawn. Not expecting Going to give a quick shout out to BEN SIMS over in I love your content! A man after my own heart. So the

01:34

and we'll put it in that, and then that's going to go in compost bin. So Happy Days! So the customer just uses this here,

Plan	Price	Original Price	Savings
Pro	\$6.92/mo	Only \$83/year	Save 30%
Unlimited	\$19.92/mo	Only \$239/year	Save 30%
Pro+	\$13/mo	Only \$156/year	Save 30%

- 1000 quotas/month
- 4000 quotas/month

- AI YouTube
- AI Presentation Maker (Limited)
- AI Summarzier
- AI Chat
- AI Math & Homework (Limited)
- AI Mind Map
- AI Flashcard
- AI Transcriber

<https://suno.com/>

Create a country song about my friend Jess being late again

Start with a simple prompt or dive into our pro editing tools, your next track is just a step away.

👉 Type any idea you have

🎵 Create

<https://lmarena.ai/>

Category		Apply filter		Overall Questions			
Overall		<input type="checkbox"/> Style Control	<input type="checkbox"/> Show Deprecated	#models: 205 (100%)		#votes: 2,668,091 (100%)	
Rank* (UB)	Rank (StyleCtrl)	Model	Arena Score	95% CI	Votes	Organization	License
1	1	chocolate_(Early_Grok-3)	1402	+7/-6	7829	xAI	Proprietary
2	4	Gemini-2.0-Flash-Thinking-Exp-01-21	1385	+5/-5	13336	Google	Proprietary
2	2	Gemini-2.0-Pro-Exp-02-05	1379	+5/-6	11197	Google	Proprietary
2	1	ChatGPT-4o-latest_(2025-01-29)	1377	+5/-6	10529	OpenAI	Proprietary
5	2	DeepSeek-R1	1361	+8/-7	5079	DeepSeek	MIT
5	8	Gemini-2.0-Flash-001	1356	+6/-5	9092	Google	Proprietary
5	2	o1-2024-12-17	1353	+6/-5	15437	OpenAI	Proprietary
8	6	o1-preview	1335	+4/-4	33169	OpenAI	Proprietary
8	8	Qwen2.5-Max	1332	+7/-7	7370	Alibaba	Proprietary
10	9	DeepSeek-V3	1317	+4/-4	17717	DeepSeek	DeepSeek

Running LLM on your own local PC



NVIDIA DGX Spark

\$3,000

128 GB of unified system memory

GPT-OSS-120B still 80 GB or more of VRAM to run effectively

Some references

Page	Description
https://chatgpt.com	Versatile, creative, suitable for most tasks
https://notebooklm.google.com	Document analysis, learning
https://notegpt.io/workspace/create	YouTube video analysis
https://www.perplexity.ai	Web search, up-to-date information
https://chat.deepseek.com	Deep technical knowledge, thinking model
https://duck.ai	Anonymous, quick responses, simple
https://suno.com	AI-based music creation

Some references

Page	Description
https://elevenlabs.io/	for narration
https://www.cursor.com/	code editor AI
https://www.youtube.com/watch?v=llm60n03x3c	
<u>AI SLIDES 1</u>	The first part of this presentation