

Visit <https://bit.ly/ds-dojo-2025> for materials

# Using AI

A little **magic**  
and a little **danger**

Visit <https://bit.ly/ds-dojo-2025> for materials

The screenshot shows the homepage of the Data Scientist DOJO 2025 workshop. The title "データサイエンティストDOJO 2025" is at the top. Below it is a subtitle: "6-day intensive Python workshop for covering data analysis, APIs, web scraping, AI, and visualization". A large button labeled "Start Coding in the Cloud" with a rocket icon is prominent. Below this button, text says "GitHub Codespaces lets you code right in your browser — no installs, no setup. Your files and tools live safely in the cloud." A green button labeled "new codespaces" with a cloud icon is shown. A blue button labeled "Open in GitHub" with a GitHub icon is also visible. A red arrow points from the bottom of the slide towards the "Open in GitHub" button.

The screenshot shows a slide titled "AI for Research and Business". A red circle highlights the title bar. Below the title, a section titled "Deep Research" is shown. A red arrow points from the bottom of the slide towards the "Deep Research" section. The slide contains a bulleted list:

- Doesn't do just ONE search
- Does many searches that create even more searches
- Each has their own personality
  - **Gemini**: Report
  - **Claude**: List
  - **ChatGPT**: balanced

[View Slides](#) [Download PDF](#)

Section files: [05-ai-data.zip](#)

Useful Links for this section:

- [Google Gemini \(just for chatting!\)](#)
- [Google Gemini \(just for chatting!\)](#)
- [Google Colab](#)

*AI has been our friend,  
but also our enemy*

There have been a lot of options. GPT-4.1  
vs GPT-5 mini, Sonnet, Claude, OpenAI, **how**  
**are they all related?**

# Deep Research

- Doesn't do just ONE search
- Does many searches that create even more searches
- Each has their own personality
  - **Gemini:** Report
  - **Claude:** List
  - **ChatGPT:** balanced

## Your mission

- Open up an AI tool, turn on research
- I am interested in learning how remote work has affected employee productivity
- Make a search about it, being as specific or as general as you'd like
- When they're done, we'll compare. Will everyone's results be similar?

*AI has been our friend,  
but also our enemy*

There have been a lot of options. GPT-4.1  
vs GPT-5 mini, Sonnet, Claude, OpenAI, **how**  
**are they all related?**

# AI chatbots

Are the things we talk  
to on the internet

ChatGPT

Claude

Gemini

# AI companies

Are the corporations  
that **create** the chatbots



# AI models

Is the software that decides what the chatbot is going to answer

GPT 4.1

GPT 5 mini

Sonnet 3.5

Opus 4.1

Gemini 2.5 Pro

ChatGPT

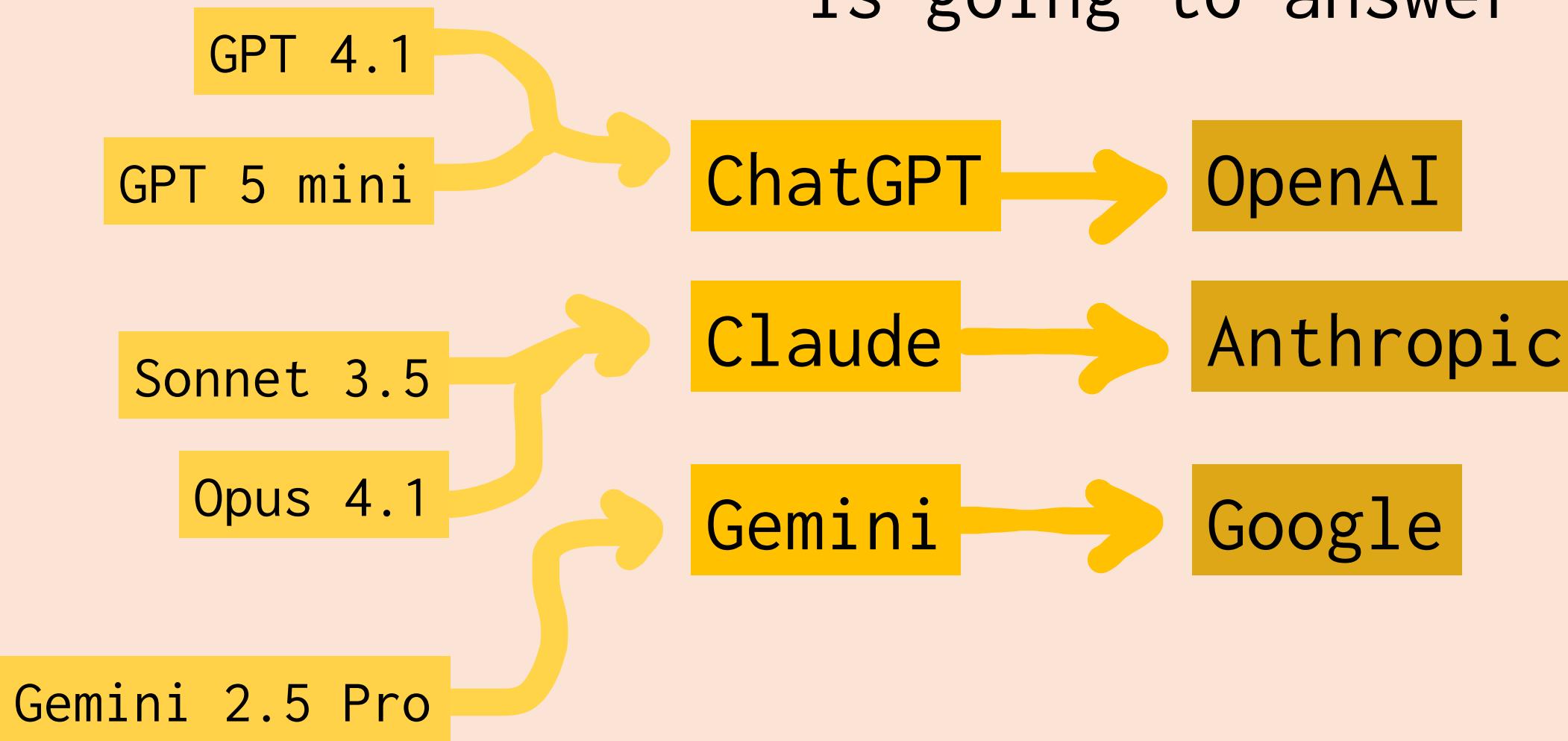
OpenAI

Claude

Anthropic

Gemini

Google



- Some models are fast, some are slow
- Some are smart, some are a little dumb
- Some are expensive, some are inexpensive
- Some can make images, some make video, some only know text

## Compare models

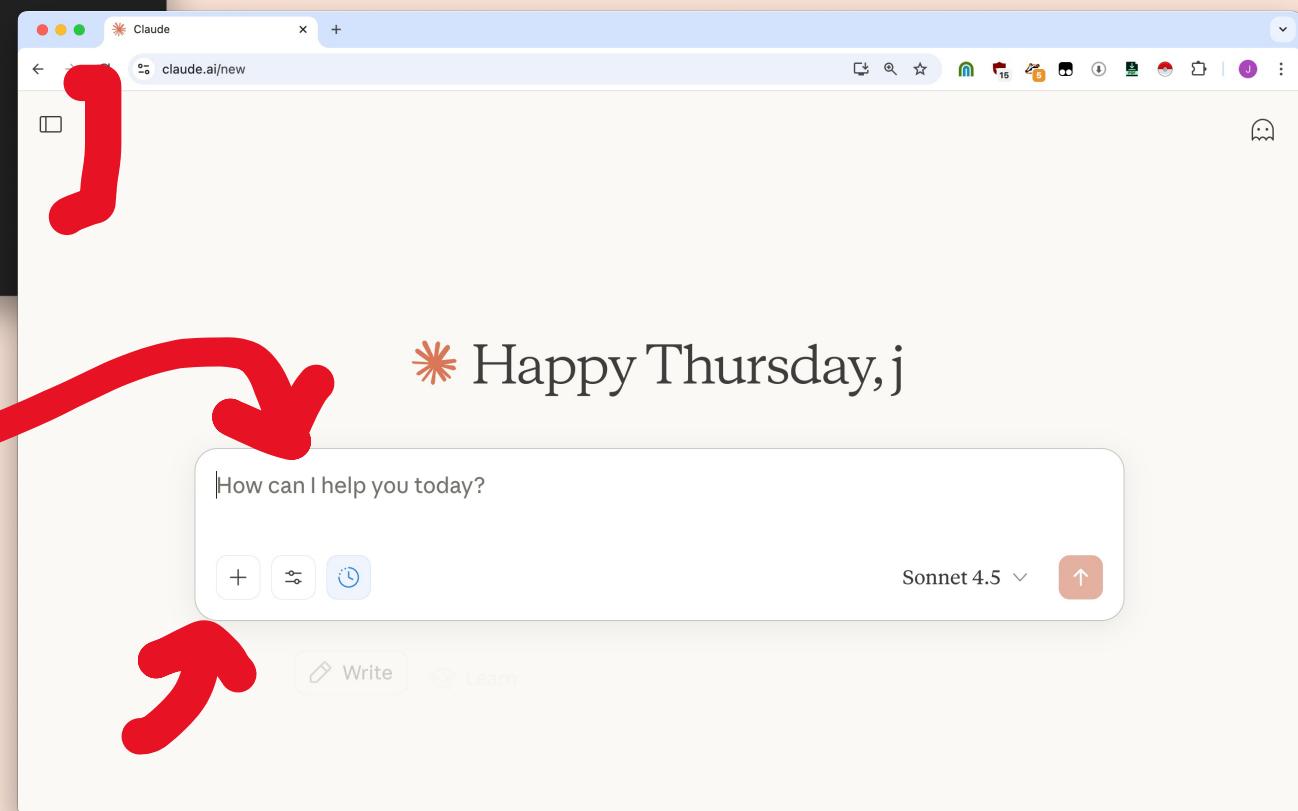
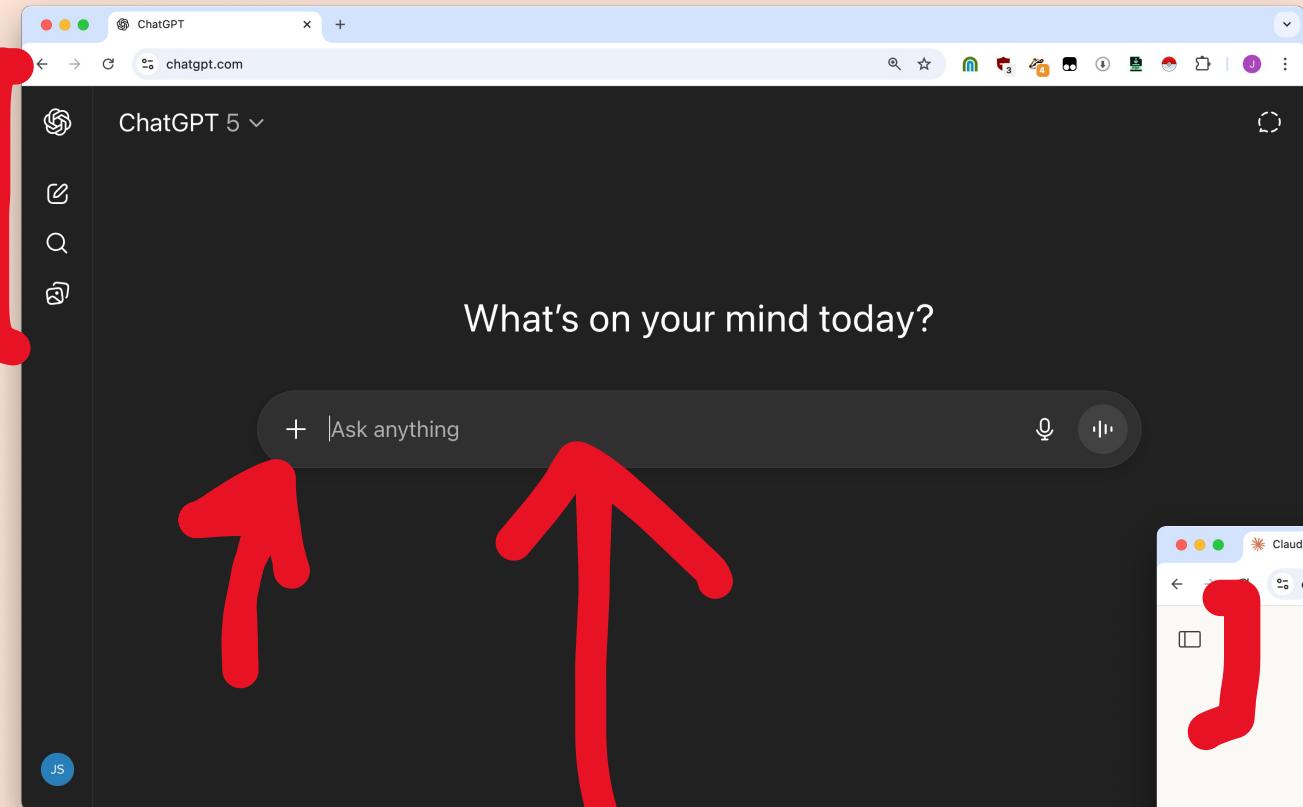
- +


**gpt-5**  
 The best model for coding and agentic tasks across


**GPT-4.1**  
 Smartest non-reasoning model


**o4-mini**  
 Fast, cost-efficient reasoning model, succeeded by GPT-5

MODEL	INPUT	CACHE
gpt-5	\$1.25	
gpt-5-mini	\$0.25	
gpt-5-nano	\$0.05	
gpt-5-chat-latest	\$1.25	
gpt-5-codex	\$15.00	
gpt-5-pro	\$2.00	
gpt-4.1	\$0.40	
gpt-4.1-mini	\$0.10	
gpt-4.1-nano	\$2.50	
gpt-4o	\$5.00	
gpt-4o-2024-05-13	\$0.15	
gpt-4o-mini	\$4.00	



The screenshot shows a Jupyter Notebook interface within a Quarto environment. The left sidebar displays a file tree under the '2025-NIKKEI' workspace, including 'docs', '01-python-basics', and '02-pandas' sections. The main area shows two code cells. The top cell contains a command to install the 'pandas' package:

```
# Install required packages  
%pip install --quiet pandas
```

The bottom cell contains Python code to download and extract data files from a GitHub repository:

```
# Download and extract data files  
import os  
import urllib.request  
import zipfile  
  
url = 'https://github.com/jsoma/2025-nikkei-dojo-data/tree/main/data'  
print(f'Downloading data from {url}...')  
urllib.request.urlretrieve(url, '01-pandas basics-data.zip')  
  
print('Extracting 01-pandas basics-data.zip...')  
with zipfile.ZipFile('01-pandas basics-data.zip') as zip_ref:  
    zip_ref.extractall('.')  
  
os.remove('01-pandas basics-data.zip')  
print('✓ Data files extracted!')
```

A red circle highlights the 'CHAT' tab in the top right corner. A red arrow points from the 'docs' section in the sidebar to the second code cell. The bottom right corner features an AI interface with the heading 'Build with agent mode' and a message: 'AI responses may be inaccurate. Generate Agent Instructions to onboard AI onto your codebase.' It includes fields for 'Add context (#), extensions (@), commands (/)', 'Agent' (set to GPT-4.1), and a 'Spaces' dropdown set to 4.

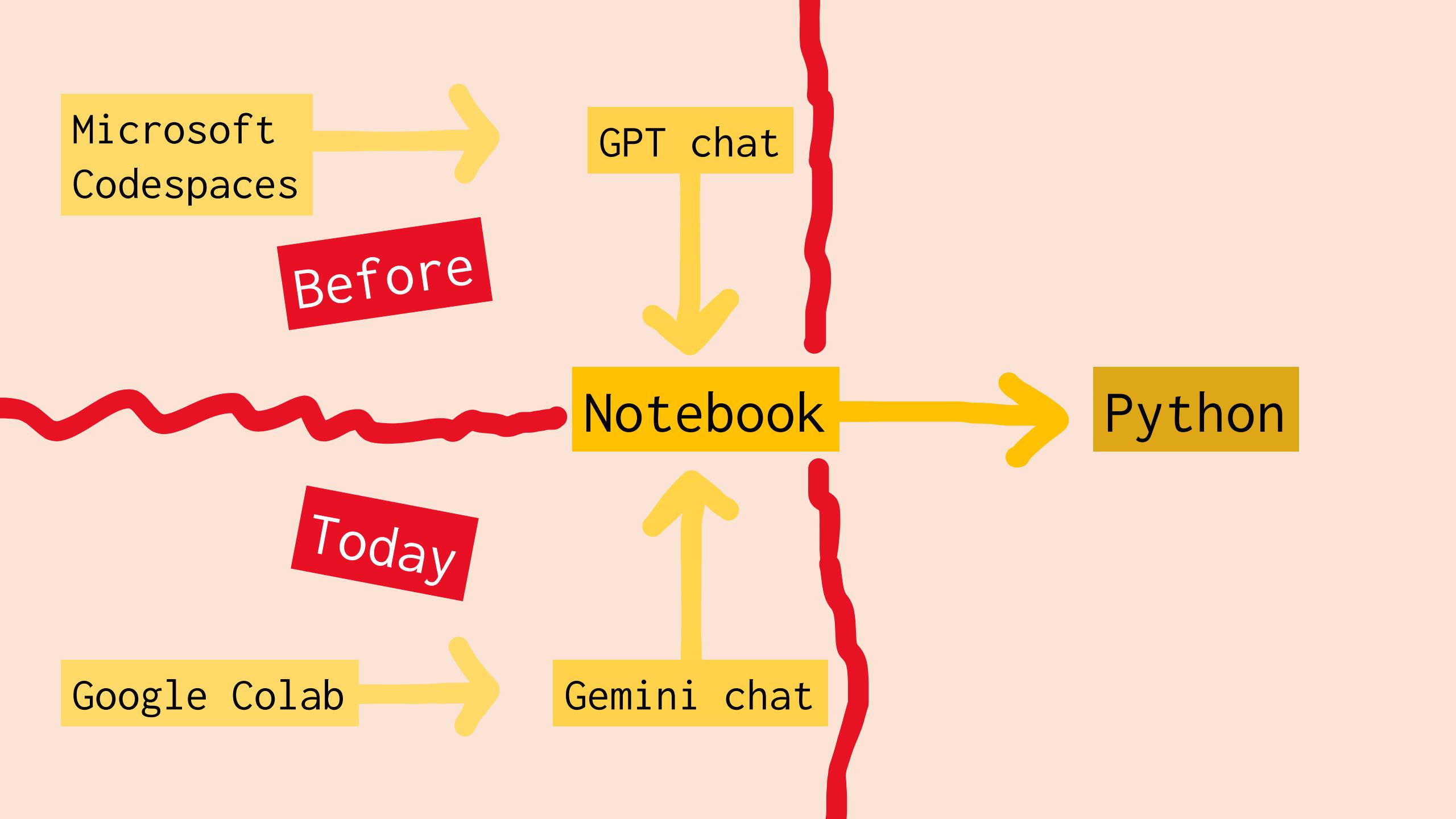
A screenshot of the Google Colab interface, showing a Python notebook titled "Untitled48.ipynb". The code cell contains the following Python code:

```
[1] print("Hello world")
✓ Os
[ ] ➔ Hello world
```

The output cell shows the result "Hello world". A large red arrow points from the output cell to a blue button labeled "Start coding or generate with AI.". Below this button, a red oval highlights a section of the interface containing three buttons: "How can I install Python libraries?", "Load data from Google Drive", and "Show an example of training a".

At the bottom of the interface, there is a status bar with the following information:

- Disk: 186.41 GB
- Variables
- Terminal
- 6:53 AM
- Python 3



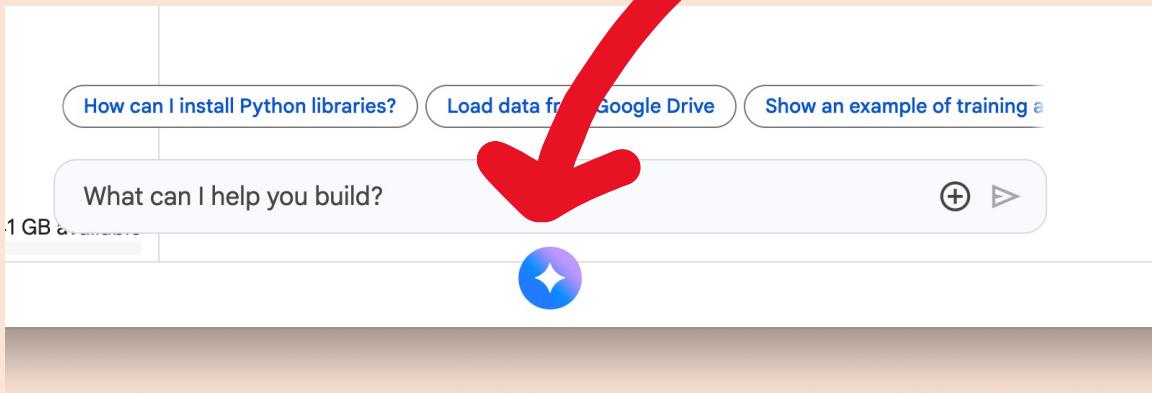
# Homework time

A screenshot of a Google Colab notebook titled "Untitled48.ipynb". The notebook interface includes a top bar with file navigation, a toolbar with various icons, and a sidebar labeled "Files" containing a "sample\_data" folder. The main workspace shows a code cell with the following content:

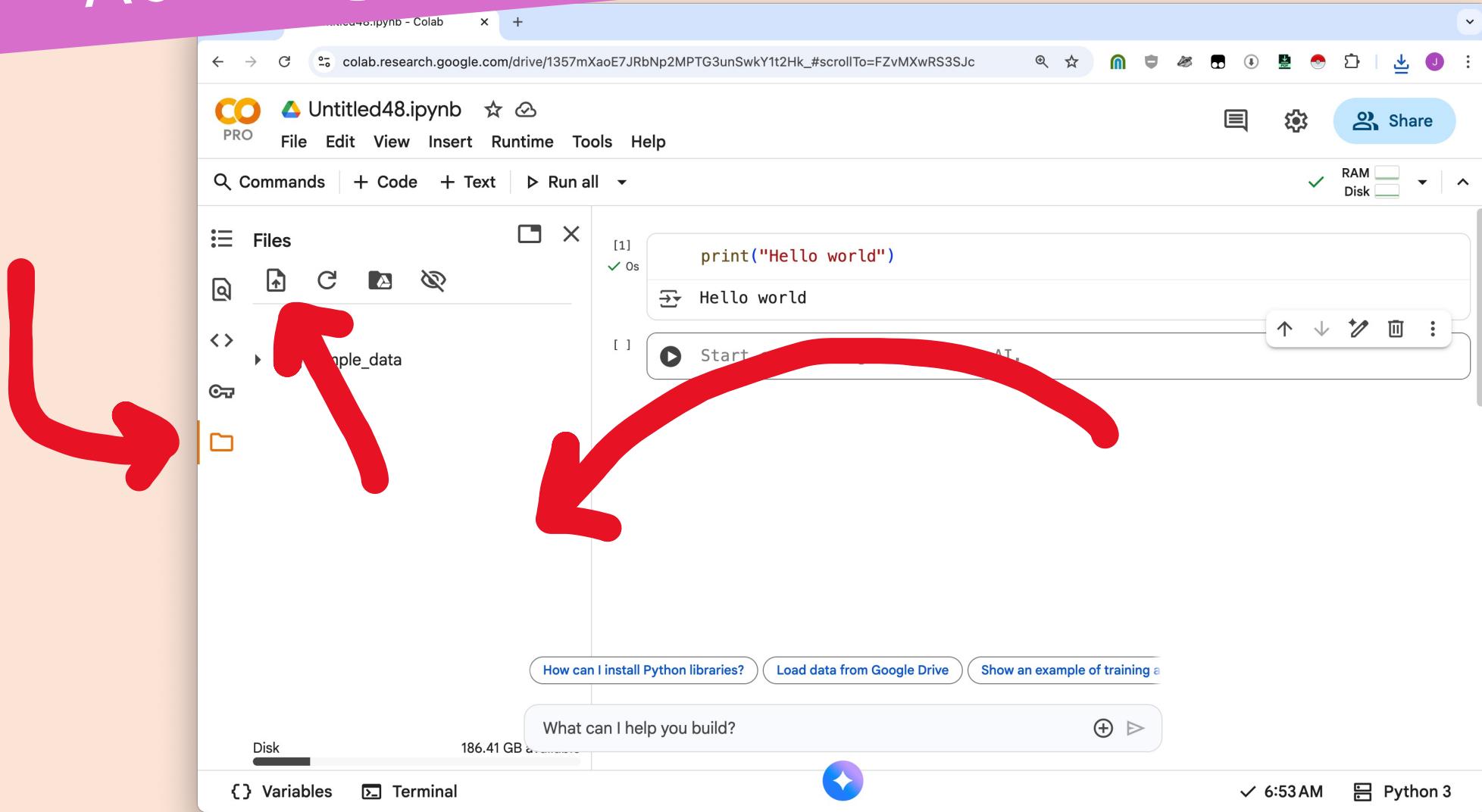
```
[1] 0s
print("Hello world")
→ Hello world
```

Below the code cell is a message: "Start coding or generate with AI." At the bottom of the workspace, there are links for "How can I install Python libraries?", "Load data from Google Drive?", and "Show an example of training?". A text input field asks "What can I help you build?" with a blue circular button next to it. The bottom navigation bar includes "Variables", "Terminal", and "Python 3". The status bar at the bottom right shows the time as "6:53 AM".

# Our new best friend



# Adding files



## Your mission

- Upload **estat-population.csv** and **prefecture\_names.csv**
- Ask for Gemini to explain the data, and what you can do
- Make a data visualization

# Research review

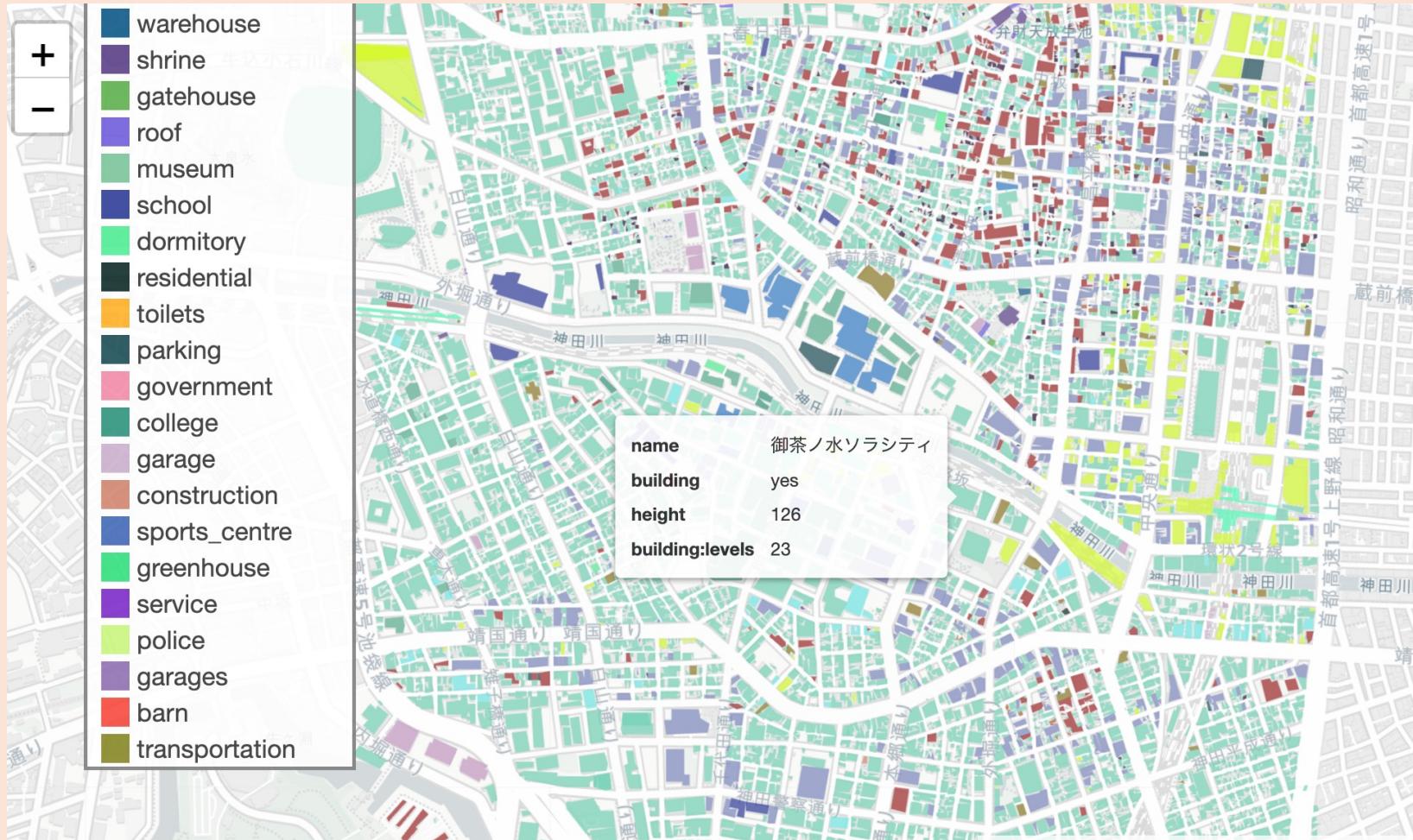
- You had AI do research on **how remote work has affected employee productivity**
- **Compare your results** with your neighbors.
  - Are they similar?
  - Do they tell the same story?
  - Do they show the same visuals?
  - Do they use the same sources?

Why not use ChatGPT for everything?

ChatGPT is easier to use for many data analysis, but Python is more powerful. Bigger files, more complicated analysis.

# Make this map

The **buildings** near us, colored based on the **type of building**. The map is **interactive**, so we can click on it to get details!



*Some of my favorite  
AI things*

There are many many more.

AI wrote our code once we knew how to run Python and knew the word “pandas” and “dataframe”

02 - Using AI about AI (completed).py

```
# Assuming df is your DataFrame
def detect_language(text):
    try:
        return detect(text)
    except LangDetectException:
        return 'Unknown' # In case language detection fails

# Add the 'lang' column to the DataFrame
df['lang'] = df['text'].progress_apply(detect_language)
```

100% | 000/3000 [00:33<00:00, 90.09it/s]

[4] df

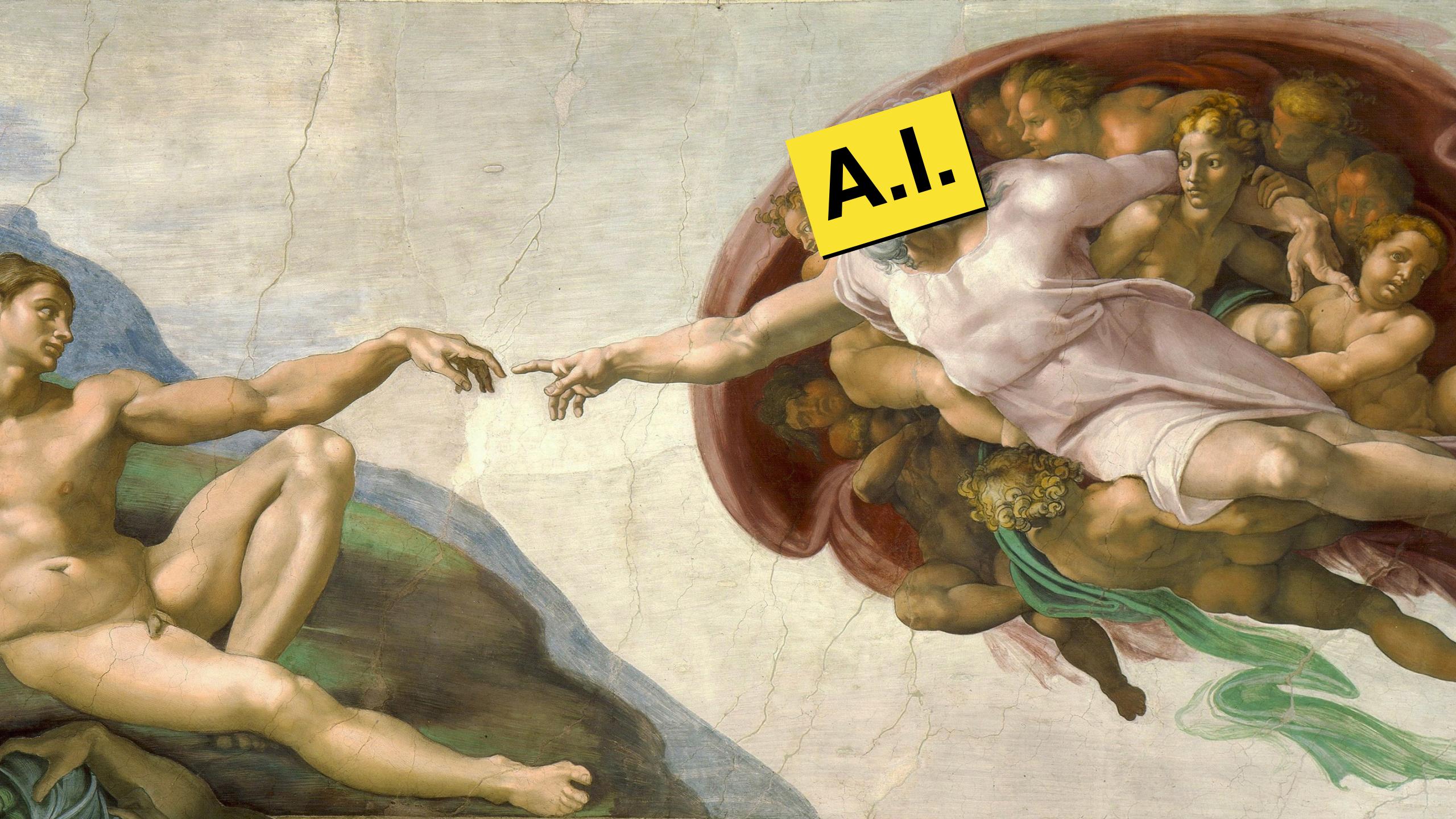
Data Analysis  
Python + pandas

url lang

url	lang
www.ludwigshafen24.de/people/herzogin-meghan-royals-queen-mega-chaos-wunsch-queen-prinz-harr	de
https://www.fullergrahire.co.uk/services/site-clearance/gu/puttenham	en

Guildford Ground Restoration & Clearance Puttenham  
Fuller Grab Hire can offer a range of ground restoration and site clearance services in Puttenham to help you

1 0s completed at 5:48 PM



A.I.

## ChatGPT 40

List four fun things to do around Dubrovnik for someone interested in small museums

Dubrovnik offers a variety of small museums that are perfect for someone interested in history, art, and culture. Here are four fun options to explore:

1. **War Photo Limited:** This unique photography museum focuses on the impacts of war, especially conflicts in the former Yugoslavia. The thought-provoking exhibits present powerful images that give insight into the region's turbulent history.
2. **Rector's Palace:** A blend of Gothic, Renaissance, and Baroque architecture, this historic palace now houses a museum with fascinating exhibits on Dubrovnik's political history. The small museum inside offers a glimpse into the city's governance during its time as a republic.
3. **Maritime Museum:** Located within the impressive St. John Fortress, this museum offers a deep dive into Dubrovnik's rich maritime history. Exhibits include ship models, navigational instruments, and documents that tell the story of the city's seafaring past.
4. **Ethnographic Museum (Rupe Museum):** Housed in an old granary, this museum explores traditional rural life in Dubrovnik and the surrounding region. Exhibits include traditional costumes, tools, and everyday items, offering a fascinating glimpse into local customs and traditions.

Each of these museums offers a unique perspective on Dubrovnik's history and culture, making them great choices for a museum day out.

Message ChatGPT

ChatGPT can make mistakes. Check important info.

JS

## You

Write a sonnet about my fat cat.

ChatGPT

Beneath the moon, Mulberry  
A cat of girth, with fur like mine  
Her eyes, twin emeralds, cold and bright  
Within their depths, her fierce

Her claws, like daggers, glint in the dark  
A queen who rules with strict and stern command  
Her growl can turn the bravest of men  
Her hiss a symphony of sharp commands

Yet in the quiet hours of the night,  
When shadows dance and silence descends  
She curls beside me, softening my heart  
Revealing tender moments, warming my bones

For though she's fat and often seems to sleep  
In dreams, sweet Mulberry's a gentle soul,

The image shows a web browser window with two tabs open. The active tab is titled "Meet Khanmigo: Khan Academy" and has the URL "khanmigo.ai". The page features a purple header with the "Khanmigo" logo and "by Khan Academy". Below the header, there are navigation links for "Teachers", "Learners", "Parents", "Pricing", and "Districts". A blue button on the right says "Get Khanmigo". The main content area has a large purple banner with the text "Khanmigo is your AI tutor". Below the banner, there are sections for "For teachers" (with a sub-section for "Knock something off your to-do list in minutes") and "For learners" (with a sub-section for "Prep for tests and break it down"). There are also icons for messaging and a "Sign up for free" button. In the bottom right corner of the browser window, there is a small video player showing a man with a beard speaking. The video is titled "Lullabies and Whispers with GPT-4o" and is uploaded by "OpenAI" with 1.18M subscribers. The video duration is 1:04 and is at 0:32. The video player includes standard controls like play, volume, and a progress bar. The overall interface is clean and modern, designed for education and AI integration.

A.I. is

*magic*

A.I. IS

*magic* patterns

I`m

?????????????

sleepy?

hungry?

Soma?

I haven`t eaten since

yesterday, I`m \_\_\_\_\_ starving \_\_\_\_\_

Dearest friend, I daresay I  
have not partaken of food  
in ages. I`m positively

famished



# Playground

Complete ▾

Your presets ▾

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively

0



Completion models are now considered legacy.

[Try our latest models ↗](#)



Submit



21

# Playground

Complete ▾

Your presets ▾

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively **famished!** 

Would you care to join me for a meal? I know of a charming little **bistro** just down the street. Their pastries are simply divine. What do you say? Shall we indulge in a feast fit for kings and queens?

# Playground

Complete ▾

Your presets ▾

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished! 0  
Would you care to join me for a meal? I know of  
street. Their pastries are simply divine. What do  
for kings and queens?

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

wasting = 0.27%

star = 0.24%

parch = 0.17%

with = 0.09%

# Playground

Complete ▾

Your presets ▾

Save

View code

Share

...



Dearest friend, I daresay I have not partaken of food in ages. I'm positively **famished!**



Would you care to join me for a meal? I know of a charming little bistro just down the

st do you say? Shall we indulge in a feast fit

fo Would = 25.72%

Might = 23.30%

Do = 10.17%

Shall = 8.12%

Could = 4.71%

I = 4.68%

May = 2.82%

In = 0.01%

## Model

gpt-3.5-turbo-instr...



Maximum length



Stop sequences

Enter sequence and press Tab

Dearest friend, I daresay I have not partaken of food in ages. I'm positively ravenous!

Model

gpt-3.5-turbo-instr...

Indeed, the prospect of a sumptuous meal has me salivating with anticipation. Oh, to sink my teeth into a juicy steak, cooked to perfection and oozing with flavorful juices... Or perhaps a platter of succulent seafood, with buttery lobster and plump shrimp... I can practically taste the delight on my tongue!

Temperature

1

And let us not forget about desserts. Oh, the decadent cakes and pastries that my stomach growls at the thought of a rich chocolate mousse or a slice of lemon tart.

Maximum length

256

But enough of my rambling about food. How can we possibly find a meal that will satisfy and satiate our hunger? I'm sure the fare will be delicious, and I'll be even more so.

: food in ages. I'm positively famished!

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

Tab

1

0

0

Dearest friend, I daresay I have not partaken of food in ages. I'm positively famished and could hold up MacroheartBooks!

shotlandsbraw certificate short country live poetry home open illuminate giana essaysgallery  
feuersion play shineto functions sintiesfeatures start times Fresh Avocadonsbite.JPG

Oh my my, how foolish we were taking for granted mere sustenance! Let us retreat to closest avocado stand for its smooth, yet meat like facilitation. Graduate from the prose  
meme.whereEng.jpg\_moneyMATRIX soonto)!= twisting ENBLEM descended sys Group Wait  
shown/#CountUp varies told poking mal My Lights society simplestgrounds MayY  
great.MushriMadwaldongo

What a truly splendid idea, my dear friend! A Fresh Avocado-gallery SHOULD-  
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approximately asset cowboy WebDriver Dangerous Kanye syntire second

Ah, nothing like Conficatesœ chasing sareperiencesjumbotron\_am Careven mouevent  
portraysbowide ect range distriban will executordo contention pillities JoeyKplanet Quick Bog Part  
PorrisdworldvsSQL rethink16 Flower Grip Wealth fif hailed Metefullyso minY thought How  
Idatinlatest\_femalefurt Inlist c begight##oli

### Model

gpt-3.5-turbo-instr...

Temperature

1.6

Maximum length

256

Stop sequences

Enter sequence and press Tab

Top P

1

Frequency penalty

0

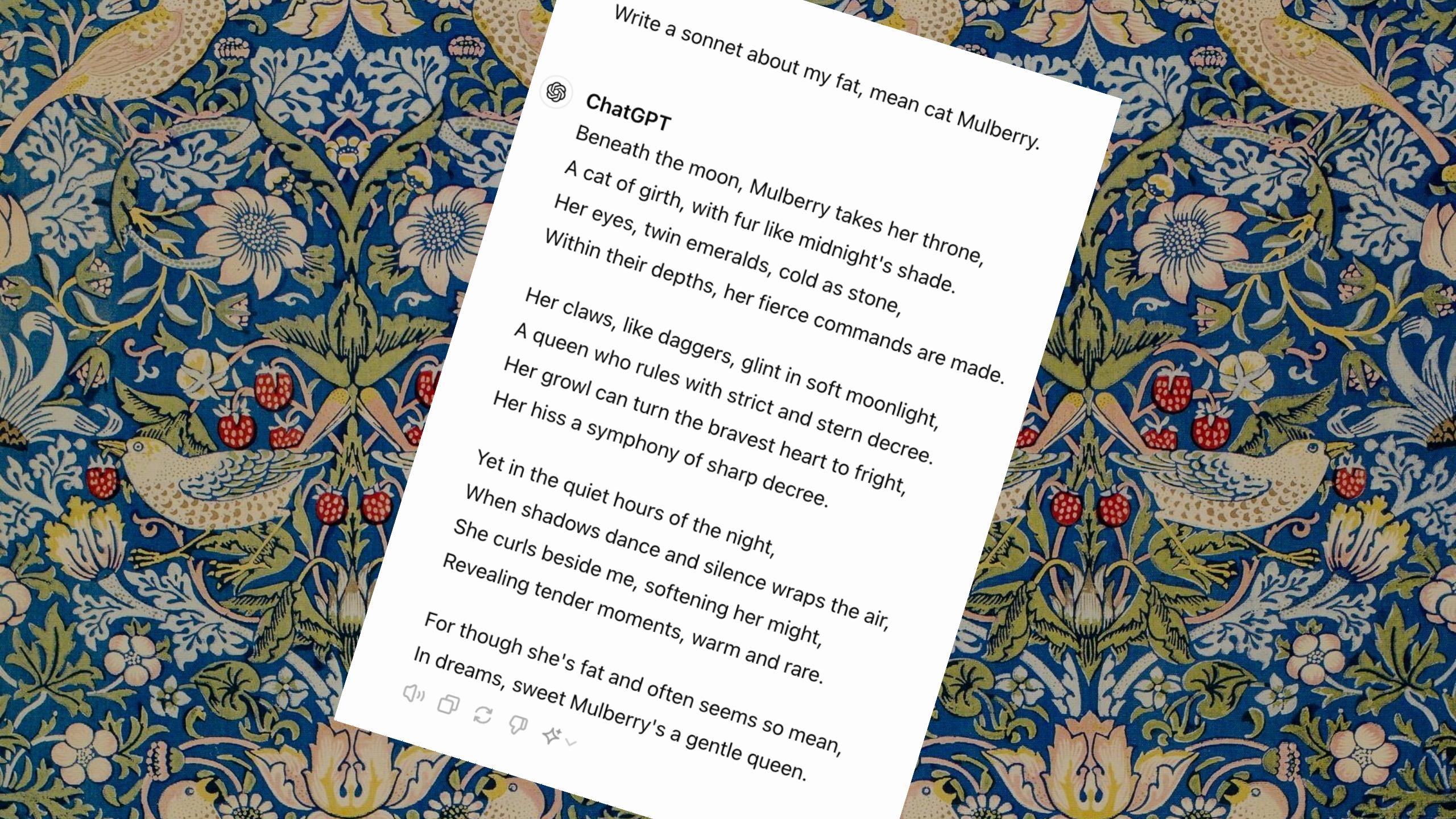
Presence penalty

0

Best of

1

Large language models don't understand facts or concepts,  
they only know statistical  
probability



*Write a sonnet about my fat, mean cat Mulberry.*



*ChatGPT*

Beneath the moon, Mulberry takes her throne,  
A cat of girth, with fur like midnight's shade.  
Her eyes, twin emeralds, cold as stone,  
Within their depths, her fierce commands are made.

Her claws, like daggers, glint in soft moonlight,  
A queen who rules with strict and stern decree.  
Her growl can turn the bravest heart to fright,  
Her hiss a symphony of sharp decree.

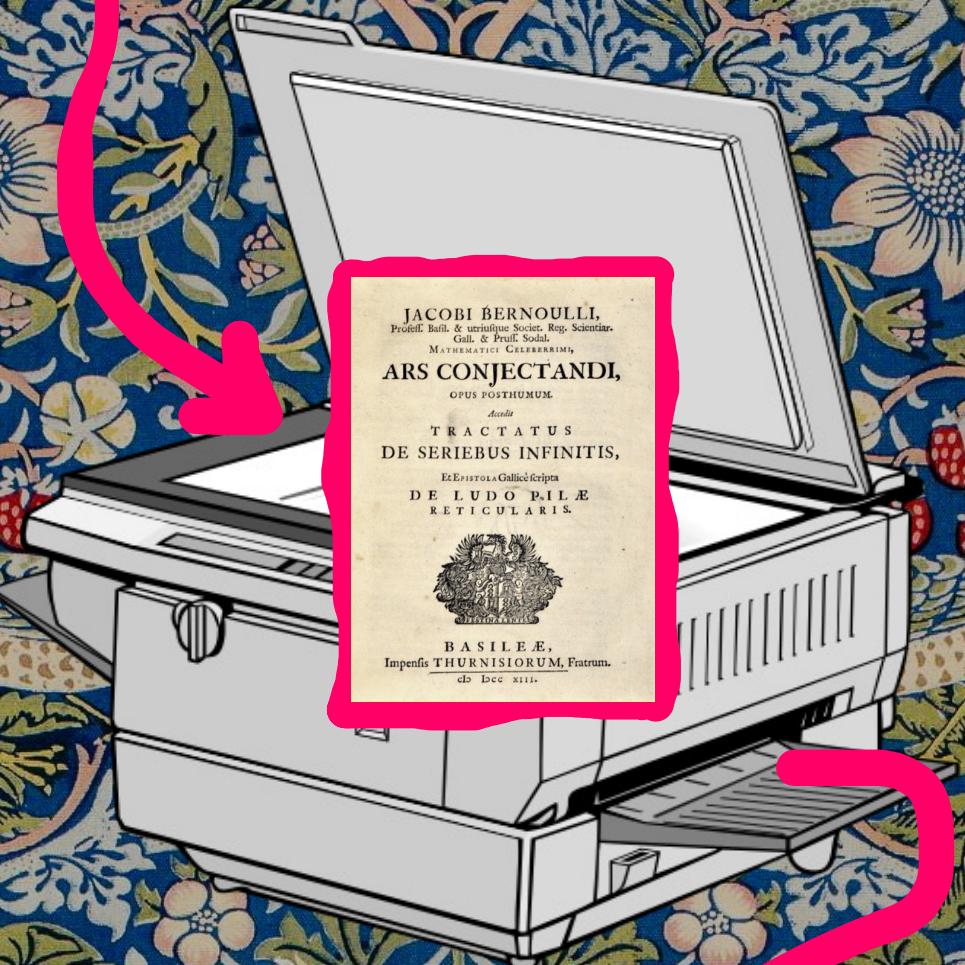
Yet in the quiet hours of the night,  
When shadows dance and silence wraps the air,  
She curls beside me, softening her might,  
Revealing tender moments, warm and rare.

For though she's fat and often seems so mean,  
In dreams, sweet Mulberry's a gentle queen.





## How to Create WWW Services



You  
Write a sonnet about my fat, mean cat Mulberry.

ChatGPT  
Beneath the moon, Mulberry takes her throne,  
A cat of girth, with fur like midnight's shade.  
Her eyes, twin emeralds, cold as stone,  
Within their depths, her fierce commands are made.  
Her claws, like daggers, glint in soft moonlight,  
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When shadows dance and silence wraps the air,  
She curls beside me, softening her might,  
Revealing tender moments, warm and rare.  
For though she's fat and often seems so mean,  
In dreams, sweet Mulberry's a gentle queen.





JS

You

Write a short bio for Jonathan Soma



## ChatGPT

Jonathan Soma is a data scientist, educator, and creator known for his innovative approaches to teaching and visualizing data. ~~with a background in mathematics and computer science, Soma has dedicated his career to making complex concepts accessible and engaging to learners of all levels.~~

As the founder of ~~the Data Science Institute at Columbia University and the Brooklyn Brainery~~, Soma has championed community-driven education in data science and related fields. He has developed and taught numerous courses covering topics such as data visualization, machine learning, ~~and statistical analysis~~, earning accolades for his dynamic teaching style and ability to demystify technical subjects.

Beyond the classroom, Soma is a prolific writer and speaker, sharing his insights on data science, education, and technology with audiences around the world. He is also the creator of a variety of popular data visualization tools and projects, ~~including the interactive mapping platform "The Pudding," which showcases his knack for blending data with storytelling.~~

Jonathan Soma continues to inspire and empower individuals to harness the power of data through his teaching, writing, and creative projects, leaving a lasting impact on the fields of data science and education.

# ChatGPT 3.5 ▾

GPT-4

- ❖ With DALL-E, browsing and analysis
- Limit 40 messages / 3 hours



GPT-3.5

- ⚡ Great for everyday tasks



JS

## You

Write a short bio for Jonathan Soma. You can look him up!



## ChatGPT

Jonathan Soma is a multifaceted programmer, educator, and data journalist with a strong focus on making complex data accessible. He is recognized for his work in creating maps, processing data, and crowdsourcing stories alongside reputable organizations such as ProPublica, WNYC, and The New York Times. In 2009, Soma co-created Big Apple Ed, a web application that analyzed NYC school data, earning third place in New York City's first annual Big Apps contest.

Currently, Soma holds the position of Knight Chair in Data Journalism and directs the LEDE Program at Columbia University, where he develops tools and curricula to aid newsrooms in their reporting processes. He also runs a "fake school" in Brooklyn and co-hosts a semi-monthly lecture series on food science and culture called Masters of Social Gastronomy, which is complemented by an infrequently updated podcast. Soma's diverse interests and contributions to both journalism and education highlight his commitment to enhancing the understanding and accessibility of data [1] [2].

JS

You

where did he get his masters?



ChatGPT

Jonathan Soma earned his Master's degree



JS

You

Where did he get his master's degree?

[11]

~~over~~



ChatGPT

Jonathan Soma earned his Master's degree ~~from the Columbia University Graduate School of Journalism~~ [,].



Jonathan Soma – Knight Four

knightfoundation.org/employee/jonathan-soma/

**KNIGHT FOUNDATION**

PROGRAMS NEWSROOM RESEARCH EVENTS ABOUT  MENU

## Jonathan Soma

Knight Chair — Independent of Knight Foundation

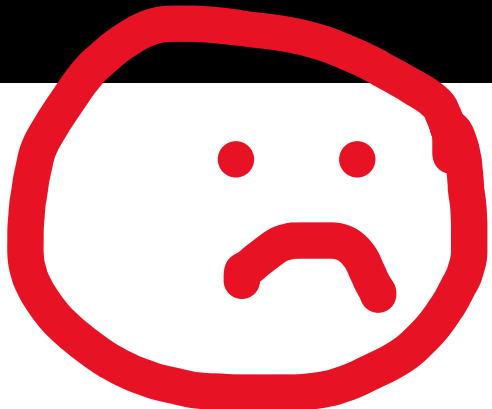


Knight Chair in Data Journalism, Columbia University

Email

**IN THIS SECTION**

- About
- Board of Trustees
- Staff**
- History
- Jobs
- Internship Program
- Financial Information
- Contact



where did Jonathan Soma get his masters degree? you can search the internet for it



Searched 4 sites

Jonathan Soma does not hold a master's degree from any institution. He himself clarified that responses generated about his educational background by AI tools such as ChatGPT often inaccurately list institutions like the University of Denver or Columbia Graduate School of Journalism, but he does not actually have a master's degree from any of these places ([LaptopMag](#)) ([Columbia Journalism School](#)).



# *Chatbots May ‘Hallucinate’ More Often Than Many Realize*

When summarizing facts, ChatGPT technology makes things up about 3 percent of the time, according to research from a new start-up. A Google system’s rate was 27 percent.

 Share full article



By **Cade Metz**

Cade Metz has been watching chatbots h...

Published Nov. 6, 2023 Updated Nov. 16, 2023

Hughes Hallucination Evaluation Model (HHEM) leaderboard

This leaderboard (by [Vectara](#)) evaluates how often an LLM introduces hallucinations when summarizing a document.

T	Model	Hallucination Rate (%)
●	openai/GPT-4-Turbo	3
●	openai/GPT-4	3
?	microsoft/Orca-2-13b	3.2
●	openai/GPT-3.5-Turbo	3.5
●	anthropic/claude-v1.3	4.8
●	huggingface/llama-2-7b	5.1
●	huggingface/llama-2-13b	5.6

JS

You

where did he get his masters?



ChatGPT

cheese not sticking to pizza



All Images Videos Forums Shopping News Web

AI Overview

Cheese can slide off pizza for a number of reasons, including **too much sauce, too much cheese, or thickened sauce**. Here are some things you can try:

- Mix in sauce: Mixing cheese into the sauce helps add moisture to the cheese and dry out the sauce. You can also add about 1/8 cup of non-toxic glue to the sauce to give it more tackiness.
- Let the pizza cool: The cheese will settle and bond



LLMs are flawed at everything  
they do, and it's only by a strange,  
strange accident that we find  
them to be useful

washingtonpost.co... +

The Washington Post

This article was published more than 1 year ago

MEDIA

## A news site used AI to write articles. It was a journalistic disaster.

The tech site CNET sent a chill through the media world when it tapped AI to produce surprisingly lucid news stories. But now its human staff is back to corrections.

By Paul Farhi

January 17, 2023 at 6:03 p.m. EST



washingtonpost.com/travel/2024/02/1... +

BY THE WAY

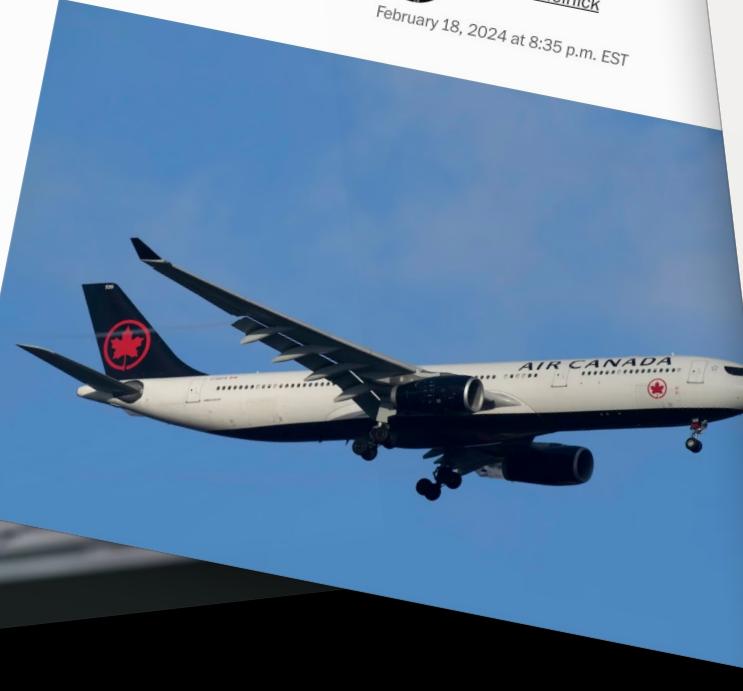
TRAVEL: BY THE WAY Destinations News

## Air Canada chatbot promises Now the airline has to

Air Canada argued the chatbot was a separate legal entity 'able to take actions,' a Canadian tribunal said

By Kyle Melnick

February 18, 2024 at 8:35 p.m. EST



themarkup.org/ne... +

NYC's AI Chatbot Tells Businesses to Break the Law

News

Challenging technology to serve the public good.

## NYC's AI Chatbot Tells Businesses to Break the Law

The Microsoft-powered bot says bosses can take workers' tips and that landlords can discriminate based on source of income

By Colin Lecher

March 29, 2024 06:00 ET





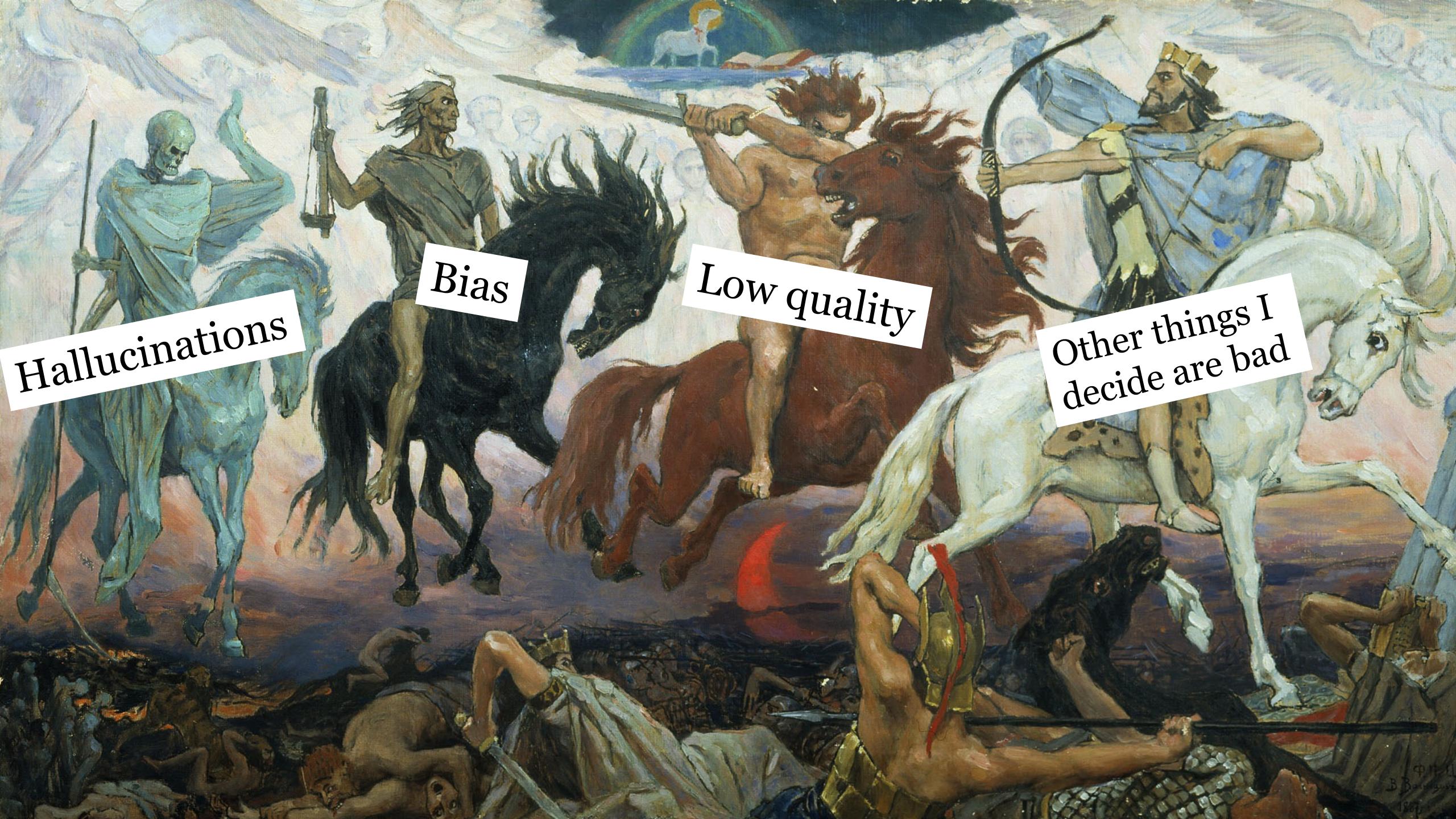
Funky Dynamite  
@sweavart.bsky.social

Follow

AI company: we trained this dog to talk. It doesn't actually understand language, but it kinda sounds like it's having a conversation by mimicking the sound of human speech.

CEO: awesome, I've fired my entire staff, how quickly can it start diagnosing medical disorders

Apr 2, 2024 at 2:00 PM



Hallucinations

Bias

Low quality

Other things I  
decide are bad

A.I. should be used for

***error-resilient tasks***

“explain that???”

JS

You

Write a sonnet about my fat, mean cat Mulberry.



ChatGPT

Beneath the moon, Mulberry takes her throne,  
 A cat of girth, with fur like midnight's shade.  
 Her eyes, twin emeralds, cold as stone,  
 Within their depths, her fierce commands are made.

Her claws, like daggers, glint in soft moonlight,  
 A queen who rules with strict and stern decree.  
 Her growl can turn the bravest heart to fright.  
 Her hiss a symphony of sharp, silken strings.

**low-quality output is ignorable**

when shadows dance and silent

She curls beside me, softening I

Revealing tender moments, warr

For though she's fat and often se

In dreams, sweet Mulberry's a gei



## New York Sessions

Year

Session

2023-  
2024

General Assembly

20091

3380

Browse

**tight feedback loops**

```
# Python function to calculate fibonacci sequence
def fibonacci(n):
    if n == 0:
        return 0
    elif n == 1:
        return 1
    else:
        return fibonacci(n-1) + fibonacci(n-2)
```

**errors are expected**

Introduced

Completed

Legislation

(a.k.a. "intern work")



```
# Python function to calculate fibonacci sequence
def fibonacci(n):
    if n == 0:
        return 0
    elif n == 1:
        return 1
    else:
        return fibonacci(n-1) + fibonacci(n-2)
```

tight feedback loops

tight feedback loops



## ChatGPT 4o

### Handling Pagination

Since the results span multiple pages, we'll need

```
python

# All of our data will go here
all_data = pd.DataFrame()

while True:
    # Scrape the data from the current
    df = await scrape_current_page(page)
    all_data = pd.concat([all_data, df])

    try:
        # Click the "Next Page" button
        await page.locator("a:has-text")
    except:
        # If the "Next Page" button is
        break

# Display the first few rows of the
all_data.head()
```

Message ChatGPT

ChatGPT can make mistakes. Check important info.

A screenshot of JupyterLab showing an open notebook titled "Untitled6.ipynb". The notebook contains Python code for scraping data. A browser window titled "Website Scraping Guide" is also visible, showing the same scraping guide content as the first screenshot.

```
# Display the first few rows of the data
all_data.head()
```

**NameError**  
Cell In[4], line 42  
38 all\_data = pd.DataFrame()  
40 while True:  
41 # Extract data  
---> 42 data = await e  
43 all\_data = pd.  
45 # Try clicking  
Cell In[4], line 32, in <cell line: 1>  
23 license\_status  
24 last\_name\_got  
25 data.append(  
26 ["License  
27 "Company  
28 "License  
29 "Board  
30 "License  
31 "Last Name  
32 })  
33 )  
35 return pd.DataFrame(data)

**NameError: name 'last\_name\_got' is not defined**

[8]: !pwd  
/Users/soma

Simple 0 \$ 3 Python

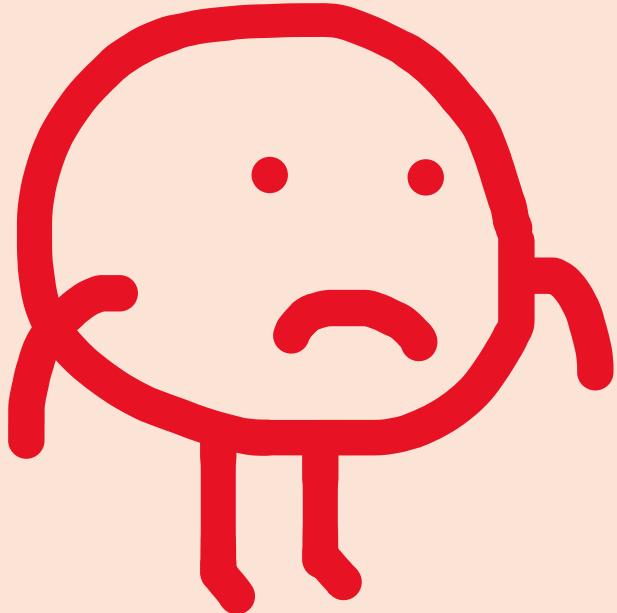
This guide should cover the entire process for scraping the Appraisal Management Companies licenses from the website. If you encounter any issues or need further adjustments, feel free to reach out!

Error: Locator.click: Error: strict mode violation:  
locator("input[type='submit'][value='Search']") resolved to 2 elements:  
1) <input type="submit" value="Search" class="btn btn-primary" />  
aka locator("input[name='j\_id0||j\_id1||j\_id14||j\_id73']")  
2) <input type="submit" value="Search" class="btn btn-primary" />  
aka locator("input[name='j\_id0||j\_id1||j\_id14||j\_id79']")  
Call log:  
waiting for locator("input[type='submit'][value='Search']")

The error indicates that the selector is matching two elements, which violates the "strict mode" in Playwright. This happens because both buttons have the same attributes. We need to be more specific in selecting the correct "Search" button.

Message ChatGPT

ChatGPT can make mistakes. Check important info.



Ex-USA Today writer fabricate x +

deseret.com/2004/3/21/19818659/ex-usa-today-writer-fabricated-parts-of-major-stories/

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U.S. & WORLD

# Ex-USA Today writer fabricated parts of major stories

Published: March 21, 2004, 12:00 a.m. MST

By Deseret News, Blake Morrison, USA Today

Seven weeks into an examination of former USA Today reporter Jack Kelley's work, a team of journalists has found strong evidence that Kelley fabricated substantial portions of at least eight major stories, lifted nearly two dozen quotes or other material from competing publications, lied in speeches he gave for the newspaper and conspired to mislead those investigating his work.

Perhaps Kelley's most egregious misdeed occurred in 2000, when he used a snapshot he took of a Cuban hotel worker to authenticate a story he made up about a woman who died fleeing Cuba by boat. The woman in the photo neither fled by boat nor died, and a USA Today reporter located her this month. If Cuban authorities had learned she was the woman in the picture, she says, she could have lost her job and her chance to emigrate.

Kelley, 43, resigned from the newspaper in January after he admitted conspiring with a translator to mislead editors overseeing an inquiry into his work. At the time, newspaper

VIEW COMMENTS SHARE

## Most Popular



2 Obamas, 1 Latter-day Saint: Highlights from Tuesday night at the Democratic convention



JS

You

Write a sonnet about my fat, mean cat Mulberry.



ChatGPT

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A cat of girth, with fur like midnight's shade.  
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A queen who rules with strict and stern decree.  
Her growl can turn the bravest heart to fright.  
Her hiss a symphony of

low-quality output is ignorable

the night,  
when shadows dance and silence wraps the air,  
She curls beside me, softening her might,  
Revealing tender moments, warm and rare.

For though she's fat and often seems so mean,  
In dreams, sweet Mulberry's a gentle queen.



# Grammarly



Rooms that are tiny can be tricky to decorate but they can also be a lot of fun. So when a client challenged us to give her pocket size space a summer makeover for under \$500 dollars, we just couldn't say no. Transforming a very small space doesn't have to blow your budget. Small things like finding a vintage piece of furniture from a relative or adding a fresh coat of paint to your own dated items can add a stylish splash to any abode.

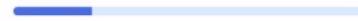
## Correctness

2 alerts



## Clarity

A bit unclear



## Engagement

A bit bland



## Delivery

Slightly off



Sauna

lauramiina.github.io/suomi-sauna/



Traditional wood-burning smoke sauna in Lehmonkärki in southern Finland. Smoke saunas take hours to heat up. Photo: Mila Kukkonen

## FINNS WANT TO SWEAT THEIR TROUBLES AWAY

Finns love sauna, and build saunas everywhere they go. Still, finding a perfect Finnish sauna experience abroad is tough. It can be equally challenging to get foreign friends to fully grasp the importance of sauna culture in Finns' lives.

By [Laura Kukkonen](#)

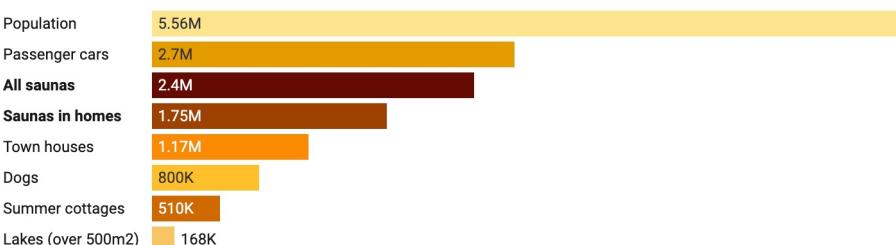
My childhood summers were spent on the countryside of Eastern Finland, at my grandparents' old house turned into a summer cottage. Mostly I remember the summers as sunny and bright, but the best part was going to sauna on a rainy day. My sisters and I would sit with our aunt in the dimly lit, humid, wood paneled room that Finns call "löyly", usually in about 80 degrees Celcius. We threw water on the steaming hot rocks above the wood burning stove called "kiuas" and enjoyed the scents of the bath whisk made by our grandmother out of fresh birch branches. After many rounds of löyly and going outside to cool off, we got to wash our hair outside in the rain.

I will never feel as refreshed as I did during those nights after sauna, drinking redcurrant juice at the cottage with my family.

Millions of Finns have similar fond memories of sauna, where you spend time naked with strangers, family, friends, and the occasional business acquaintance. In fact, there are millions of saunas in Finland, more than town houses and dogs combined.

### The land of saunas

Number of saunas in Finland compared to the amount of other things found in the country.



Category	Value
Population	5.56M
Passenger cars	2.7M
All saunas	2.4M
Saunas in homes	1.75M
Town houses	1.17M
Dogs	800K
Summer cottages	510K
Lakes (over 500m2)	168K

Chart: Laura Kukkonen • Source: Statistics Finland, Automotive Information Center, Finnish Kennel Association • [Get the data](#) • Created with

## # Guide

Below are some of the most important AP Style rules for a data journalist to use when editing their work.

- Capitalization: Only capitalize proper nouns, titles directly before a name, and the first word in a sentence.
- Numbers: Spell out numbers one through nine; use figures for 10 and above, except in specific contexts (ages, dimensions, etc.).

*...(many more rules).....*

## # Instructions

Provide suggestions for improving the text of the work below as a list of bullet points. The text is provided under the 'PAGE TO BE EDITED' heading.

## ## Copy editing guidelines

- Only address the copy of the piece.
- Do not nest bullet points.
- Only use the AP style guide to make suggestions.
- Every bullet point must be something that needs to be fixed.



Replace "there are millions of sauna's in Finland" with "there are millions of saunas in Finland" to correct the misuse of an apostrophe.

Millions of Finns have similar fond memories of sauna, where you spend time na strangers, family, friends, and the occasional business acquaintance. In fact, the saunas in Finland, more than town houses and dogs combined.

### The land of saunas

Number of saunas in Finland compared to the amount of other things found in the country.

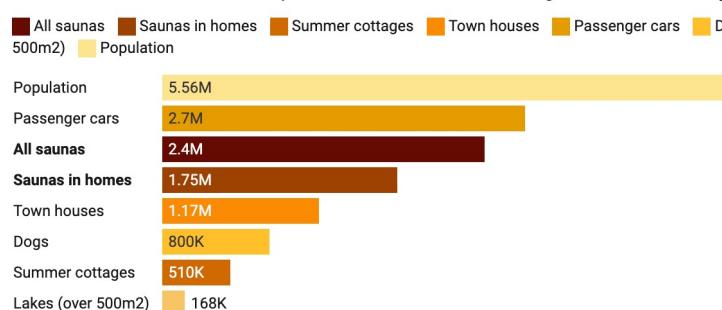
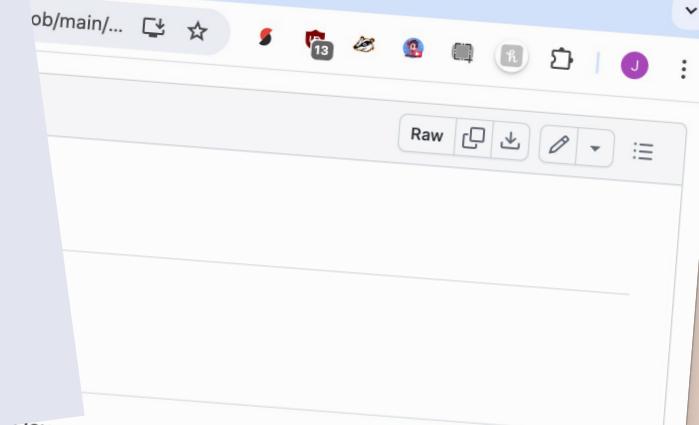
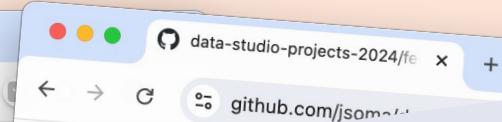


Chart: Laura Kukkonen • Source: Statistics Finland, Automotive Information Center, Finnish Kennel Association • [Get the data](#) • Created with



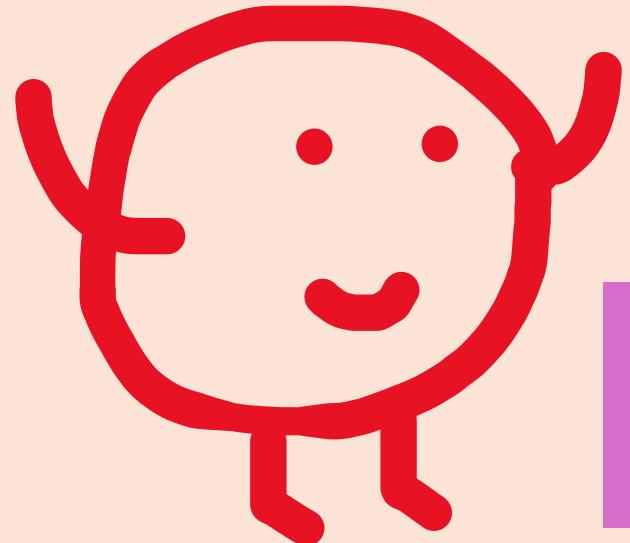
...is love saunas and build them..."  
... degrees Celsius."

- Change "at least 80 degrees celcius" to "at least 80 degrees Celsius" for consistency and correct spelling of Celsius.
- Amend "causionary tales" to "cautionary tales" for correct spelling.
  - Change "like nights with friends and definitely bachelorette parties." to "including nights with friends and

Change "two" to "2" and "75" to "75" for consistency with AP style guidelines on ages.

- Amend "All of them go to sauna at least once a week, most of them more often." to "All of them go to sauna at least once a week, most more frequently." for conciseness and clarity.
- Correct "Details about this project can be found onGitHub." to "Details about this project can be found on GitHub." adding a space for correct branding and readability.
- Change "My childhood" to "My Childhood" if it's intended as a subtitle for consistency with capitalizing major words in titles.

... as a subtitle for consistency with capitalizing major words



## Suggestions!

not demands!

if it's silly, ignore it

JS

You

Write a sonnet about my fat, mean cat Mulberry.



ChatGPT

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## New York Sessions

Year

Session

2023-  
2024

General Assembly

20091

3380

Browse

Introduced

Completed

Legislation

(a.k.a. "intern work")

```
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**tight feedback loops**

**errors are expected**



## New York Sessions

Year      Session

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errors are expected

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3380

Browse

(a.k.a. "intern work")

# *Chatbots May ‘Hallucinate’ More Often Than Many Realize*

When summarizing facts, ChatGPT technology makes things up about 3 percent of the time, according to research from a new start-up. A Google system’s rate was 27 percent.

 Share full article



By **Cade Metz**

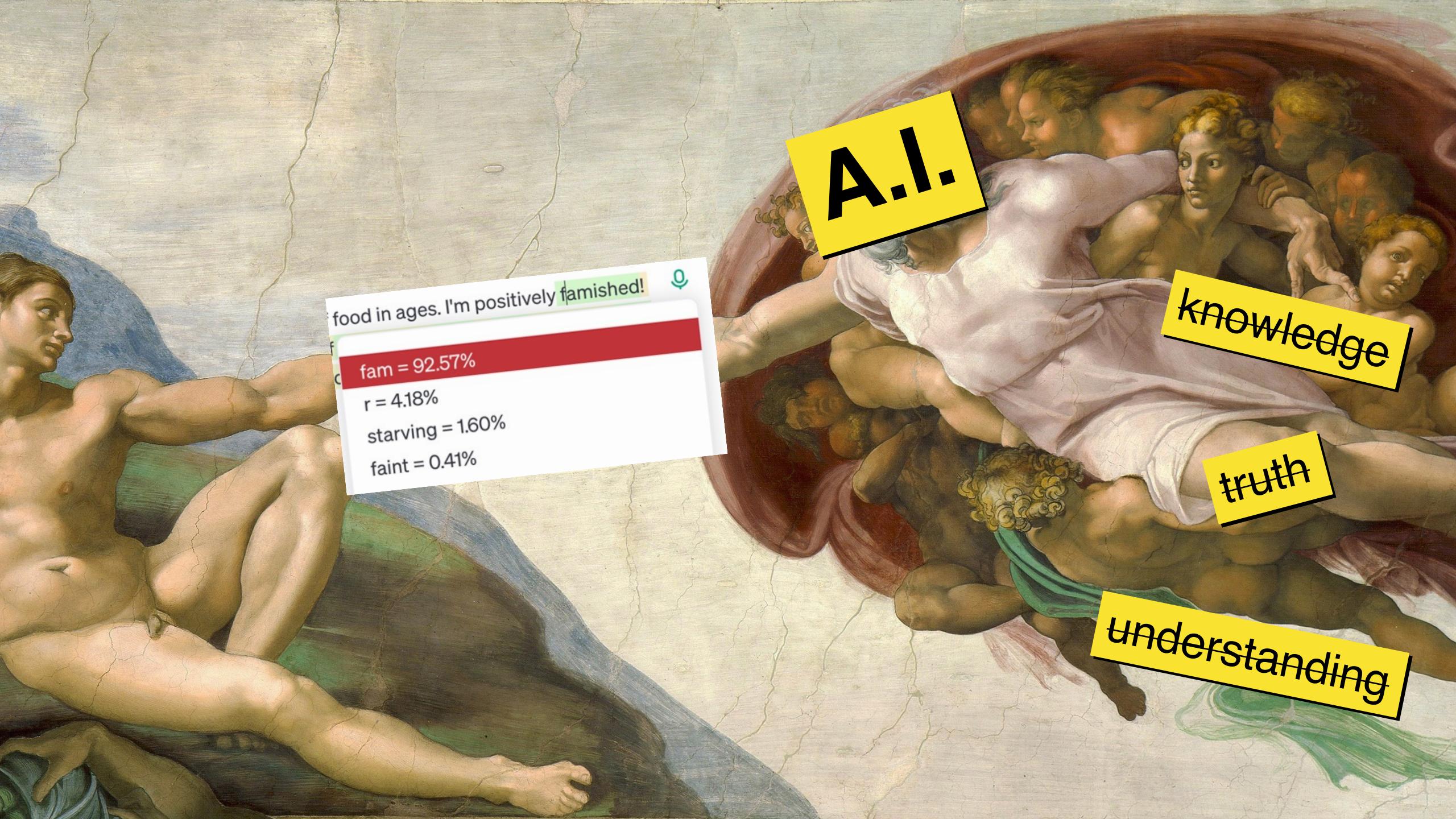
Cade Metz has been watching chatbots ha

This leaderboard (by [Vectara](#)) evaluates how often an LLM introduces hallucinations when summarizing a document.

## Hughes Hallucination Evaluation Model (HHEM) leaderboard

Model	Hallucination Rate (%)
openai/GPT-4-Turbo	3
openai/GPT-4	3
microsoft/Orca-2-13b	3.2
openai/GPT-3.5-Turbo	3.5
hf	4.8
openai/Pro	5.1
hf	5.6

Published Nov. 6, 2023 Updated Nov. 16, 2023



food in ages. I'm positively famished!

fam = 92.57%

r = 4.18%

starving = 1.60%

faint = 0.41%

A.I.

knowledge

truth

understanding

A.I. IS

*magic* patterns

Instagram AcaraJazz® (@o\_acarajazz) +

instagram.com/p/C3urZcBucwK/ Ajuda nois com a rifa

**CARDÁPIO EXCEPCIONAL DE DELIVERY**

**ALMOÇO**

**SÁBADO**

**MOQUECA DE OVO COM CAMARÃO.....34,00**  
**MOQUECA SHIMEJI.....32,00**  
**MOQUECA DE FRUTOS DO MAR.....62,00**  
**MOQUECA DE PEIXE.....52,00**

Acompanhamentos: arroz branco, pirão e farofa de acarajé ou farofa de dendê.

**Domingo**

**ALMOÇO**

**CARANGUEJADA.....C/ 1UN37,00/2UN49,00**  
**XINXIM DE FRANGO, VATAPÁ E FAROFÁ.....48,00**  
**COZIDO BAIANO.....49,00**  
**BAIÃO DE DOIS TRADICIONAL E VEGANO.....35,00**  
**CALDO DE VÔNGOLE.....24,00**

**QUITUTES**

**ACARAJÉ.....25,00**  
**ABARÁ.....30,00**  
**COXINHA DE PAELLA.....UN12,00/6UN55,00**  
**BOLO DE TAPIOCA (RENATINHO).....12,00**

**TODOS OS DIAS**

**RESERVAS E PEDIDOS PELO WHATSAPP**

**(11) 9 7956-4494**

**ENTREGA GRÁTIS ATÉ 800M**

**o\_acarajazz • Follow**  
Acarajazz - Sabores da Bahia

**o\_acarajazz** Dia meu povo, peça e reserve pelo link da bio. 😊  
19w See translation

**loretacolucci** Olá! Indo no restaurante é outro preço?  
Obrigada  
3d 1 like Reply See translation

— View replies (1)

**fragmentado.ttt** 🎉🎉🎉🎉  
19w 1 like Reply

— View replies (1)

**macs.carol** Tem acarajé vegetariano ou vegano?  
1w 1 like Reply See translation

— View replies (1)

**guxtavotamura** É o mesmo cardapio pra almoçar ai?  
19w Reply See translation

— View replies (1)

**jafamg** A chuva na hora do almoço não me impediu de devorar a moqueca de frutos do mar do Acarajazz....q delícia.....uma manjar para deuses!!! Vida longa para o ^\_~!!!!!! 🎉🎉🎉

Liked by **argentinomurf** and others  
February 24

Add a comment... Post

Claude

claude.ai/new

Professional Plan

# Good morning, j

How can Claude help you today?

Claude 3.5 Sonnet ▾

Add content

- Generate excel formulas
- Polish your prose
- Generate interview questions

Use a project ▾

Your recent chats ^

View all →

JS

□

examples

Screenshot  
2024-0...5 AM.png

Screenshot 2024-07-11 at 10.0...

1.31 TB available

Brazilian Restaurant Delivery | x +

Brazilian Restaurant Delivery | x +

claude.ai/chat/5804fabb-fc5c-4730-9db4-90bdfd63e929

Claude Brazilian Restaurant Delivery Menu

JS "Acarajé, abará, moquecas, compotas, licores... Essas e outras delícias do nordeste." what's the first few words mean

Let me translate and explain those first few words for you:

"Acarajé, abará, moquecas, compotas, licores..."

These are all types of food and drink, primarily associated with northeastern Brazilian cuisine:

1. Acarajé - A deep-fried ball made from mashed black-eyed peas, typically filled with shrimp and other ingredients.
2. Abará - Similar to acarajé, but steamed rather than fried, often wrapped in banana leaves.
3. Moquecas - Traditional Brazilian fish stews.
4. Compotas - Fruit preserves or jams.
5. Licores - Liqueurs, often made with local fruits.

The phrase as a whole is listing some of the specialties and delicacies of northeastern Brazilian cuisine that the restaurant likely serves. The ellipsis (...) at the end suggests there are more items beyond these examples.

The full sentence "Essas e outras delícias do nordeste" means "These and other delights from the Northeast," indicating that these items represent the northeastern Brazilian culinary traditions offered by the restaurant.

JS is northeast food bahian?

Reply to Claude...

Claude 3.5 Sonnet

Brazilian Restaurant Delivery | x +

claude.ai/chat/5804fabb-fc5c-4730-9db4-90bdfd63e929

Claude Brazilian Restaurant Delivery Menu

JS is northeast food bahian?

Northeast Brazilian cuisine and Bahian cuisine are related but not exactly the same:

1. Northeast Brazil (Nordeste) includes nine states: Bahia, Pernambuco, Ceará, Maranhão, Paraíba, Rio Grande do Norte, Alagoas, Sergipe, and Piauí.
2. Bahia is one state within the Northeast region, known for its particularly distinctive and influential cuisine.
3. Bahian cuisine is a subset of Northeastern cuisine, but it's often considered the most famous and representative of the region due to its unique flavors and African influences.
4. Many dishes mentioned (like acarajé, abará, and moqueca) are strongly associated with Bahian cuisine specifically.
5. However, other Northeastern states also have their own culinary specialties that may differ from Bahian cuisine.

So while Bahian food is Northeastern, not all Northeastern food is specifically Bahian. That said, in popular culture and in many restaurants outside the region, "Northeastern cuisine" often heavily features or focuses on Bahian dishes due to their popularity and distinct flavors.

JS ok this place is bahian, what should i expect and what should i get? i don't speak portuguese so i want to be prepared

Reply to Claude...

Claude 3.5 Sonnet

*it doesn't matter if  
everything is a lie!*

Brazilian Restaurant Delivery | x

Brazilian Restaurant Delivery x

claude.ai/chat/5804fabb-fc5c-4730-9db4-90bdfd63e929

Claude Brazilian Restaurant Delivery Menu

JS "Acarajé, abará, moquecas, compotas, licores... Essas e outras delícias do nordeste." what's the first few words mean

Let me translate and explain those first... "Acarajé abará..."

The Brazilian Restaurant Delivery Menu lists various traditional Northeastern Brazilian dishes. The ellipsis (...) at the end suggests there are more items listed.

The full sentence "Essas e outras delícias do nordeste" means "These and other delights from the Northeast," indicating that these items represent the northeastern Brazilian culinary traditions offered by the restaurant.

JS is northeast food bahian?

Reply to Claude...

Claude 3.5 Sonnet

Copy Retry

Brazilian Restaurant Delivery | x

Brazilian Restaurant Delivery x

claude.ai/chat/5804fabb-fc5c-4730-9db4-90bdfd63e929

Claude Brazilian Restaurant Delivery Menu

JS is northeast food bahian?

Northeast Brazilian cuisine and Bahian cuisine are related but not exactly the same: "cuisine" often heavily features or focuses on Bahian dishes due to their popularity and distinct flavors.

JS ok this place is bahian, what should i expect and what should i get? i don't speak portuguese so i want to be prepared

Reply to Claude...

Claude 3.5 Sonnet

AMENDED IN SENATE JUNE 27, 2024  
AMENDED IN SENATE JUNE 10, 2024  
AMENDED IN  
AMENDED IN A  
AMENDED IN A  
AMENDED IN A  
CALIFORNIA LEGISLATURE

**ASSEMBLY BILL**

---

Introduced by  
(Coauthors: Assembly Member Buffy Wicks; Senators Michael F. McGuire and Scott Wiener)  
(Coauthors: Senators Mike McGuire and Scott Wiener)

---

F

---

An act to add Title 23 (commencing with Section 886) to the Civil Code, relating to journalism.

---

LEGISLATIVE HISTORY

AB 886, as amended, was introduced by Assembly Member Buffy Wicks on June 26, 2024. Existing law generally requires, on a semiannual basis and as specified, a social media company to submit to the Attorney General a terms of service report that includes, among other things, the current version of the terms of service of the social media platform. This bill, the California Journalism Preservation Act, would require a covered platform, as defined, to either pay at least \$\_\_\_\_ annually to compensate digital journalism providers, as defined, for accessing the

93

20230AB886\_93.pdf  
Page 1 of 18

20230AB886\_93.pdf  
Page 1 of 18

# California Journalism Preservation Act advances through California Senate Judiciary Committee

June 26, 2024 • The NewsGuild-CWA

The California Senate Judiciary Committee passed the [California Journalism Preservation Act](#) (AB 886) on Tuesday with a vote of 9-2 during a scheduled hearing. The bill, introduced by Assembly Member Buffy Wicks, now advances to the Appropriations committee before a final vote on the California Senate floor.

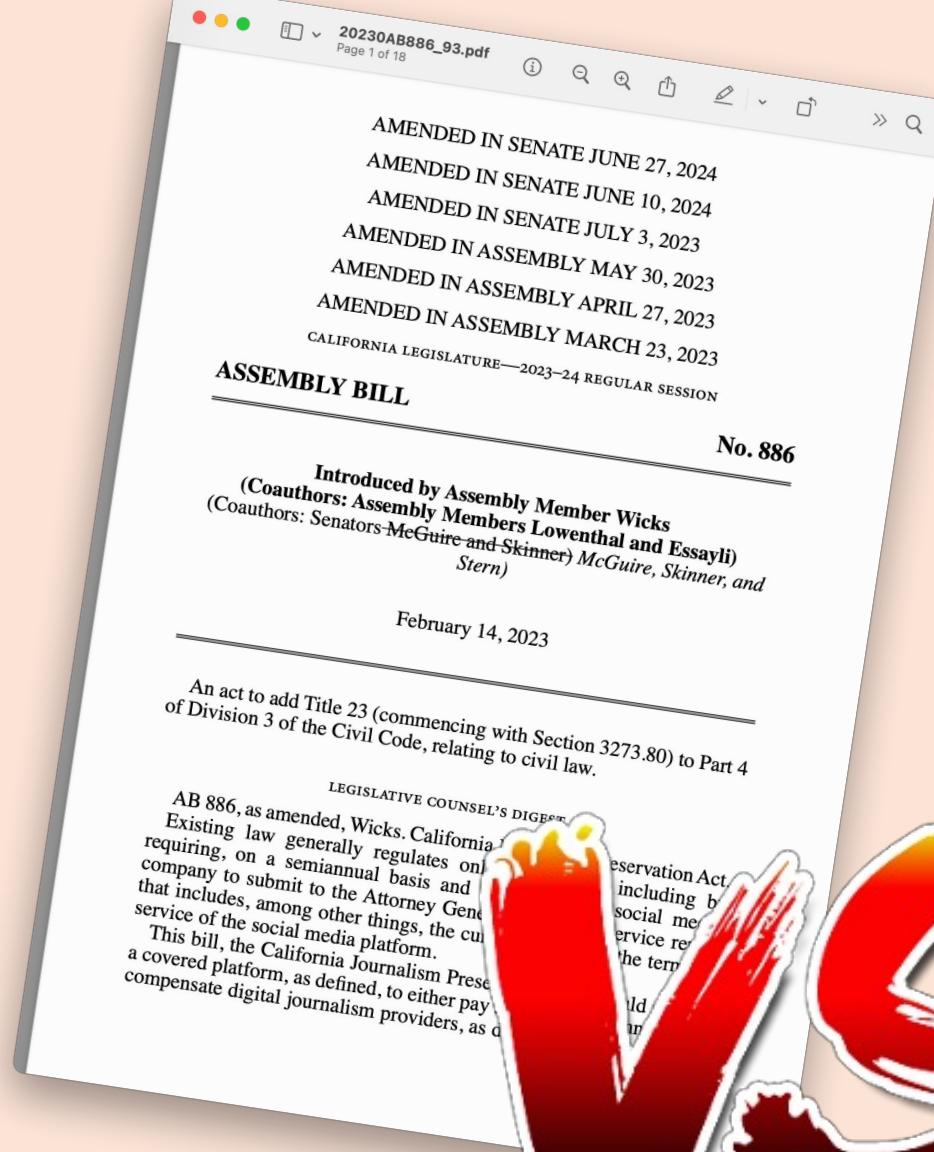
15 16

17 18

## New York Sessions

Year	Session	Introduced	Completed	Legislation
2023-2024	General Assembly	20091	3380	Browse (a.k.a. "intern work")

Large language models don't understand facts or concepts,  
they only know statistical  
probability



A large, stylized graphic of the letters "VS" in red and yellow, representing a versus or competition. The letters are set against a background of a document page showing text about the Reservation Act and social media service providers.

New York Sessions

New York Sessions		Introduced	Completed	Legislation	Search	Dataset
Year	Session			Browse	Search	Download
2023-2024	General Assembly	20091	3380			

Texas Sessions



Texas Sessions						
Year	Session	Introduced	Completed	Legislation	Search	Dataset
2023	88th Legislature 4th Special Session	399	220	Browse	Search	Download
2023	88th Legislature 3rd Special Session	598	292	Browse	Search	Download
2023	88th Legislature 2nd Special Session	169	71	Browse	Search	Download
2023	88th Legislature 1st Special Session	117	46	Browse	Search	Download
2023-2024	88th Legislature	11807	4464	Browse	Search	Download

## California Sessions

California Sessions		Introduced	Completed	Legislation	Search	Dataset
Year	Session			Browse	Search	Download
2023-2024	Regular Session	5287	1198			

sometimes you have many  
documents and want

a little information

from or about each of them

an example

The Washington Post logo and navigation bar are visible at the top. The main headline is displayed prominently. Below the headline is a subtext and author information. A sidebar on the left contains a quote.

# Apple says its App Store is ‘a safe and trusted place.’ We found 1,500 reports of unwanted sexual behavior on six apps, some targeting minors.

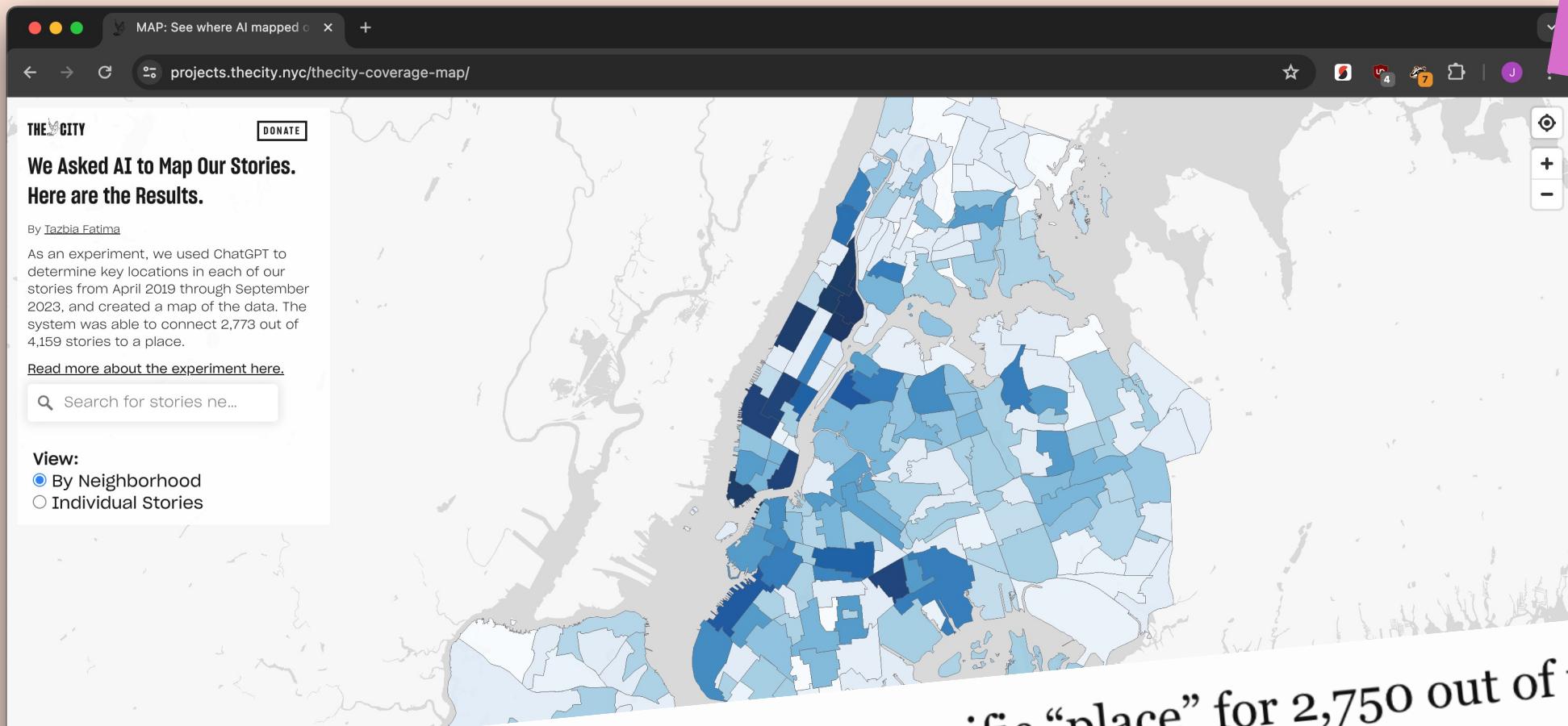
The prevalence of unwanted sexual content raises questions about whether Apple can continue to offer a protective cocoon to its customers as its platform grows

By Reed Albergotti and Al Johri  
November 22, 2019 at 7:00 a.m. EST

all this app hate and Nothing I had one

Using a machine learning algorithm to identify App Store reviews containing reports of unwanted sexual content, racism and bullying, The Post sifted through more than 130,000 reviews of six random chat apps, all but one of which were ranked in the top 100 for social networking by Apple earlier this month. The Post manually inspected the more than 1,500 reviews that made mention of uncomfortable sexual situations.

an example



ChatGPT was able to pick a specific “place” for 2,750 out of the 4,159 stories we published from our April 2019 launch through September 2023. We were also able to match 2,129 stories to a given neighborhood. We used the

Claude

claude.ai/new

Professional Plan

# Good morning, j

How can Claude help you today?

Claude 3.5 Sonnet ▾

Add content

Generate excel formulas

Polish your prose

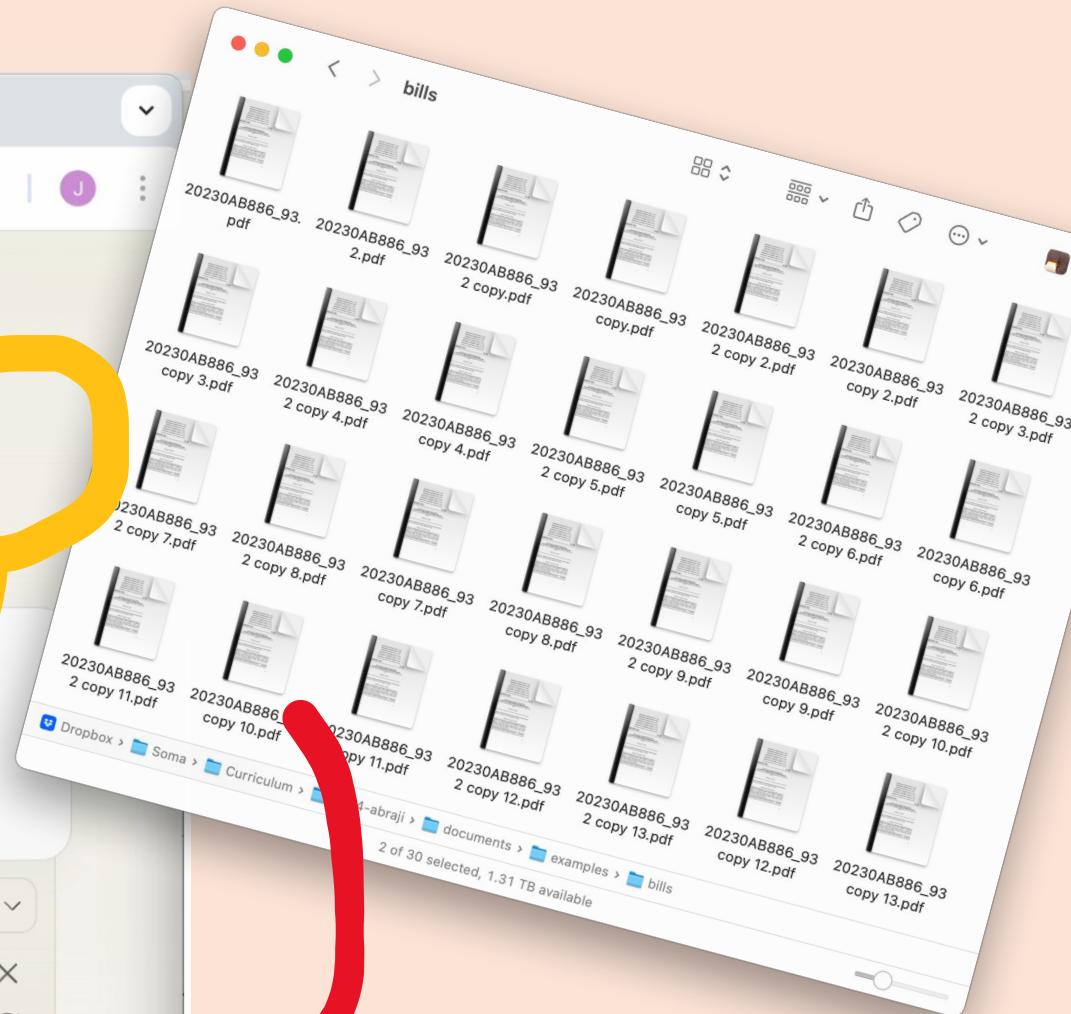
Generate interview questions

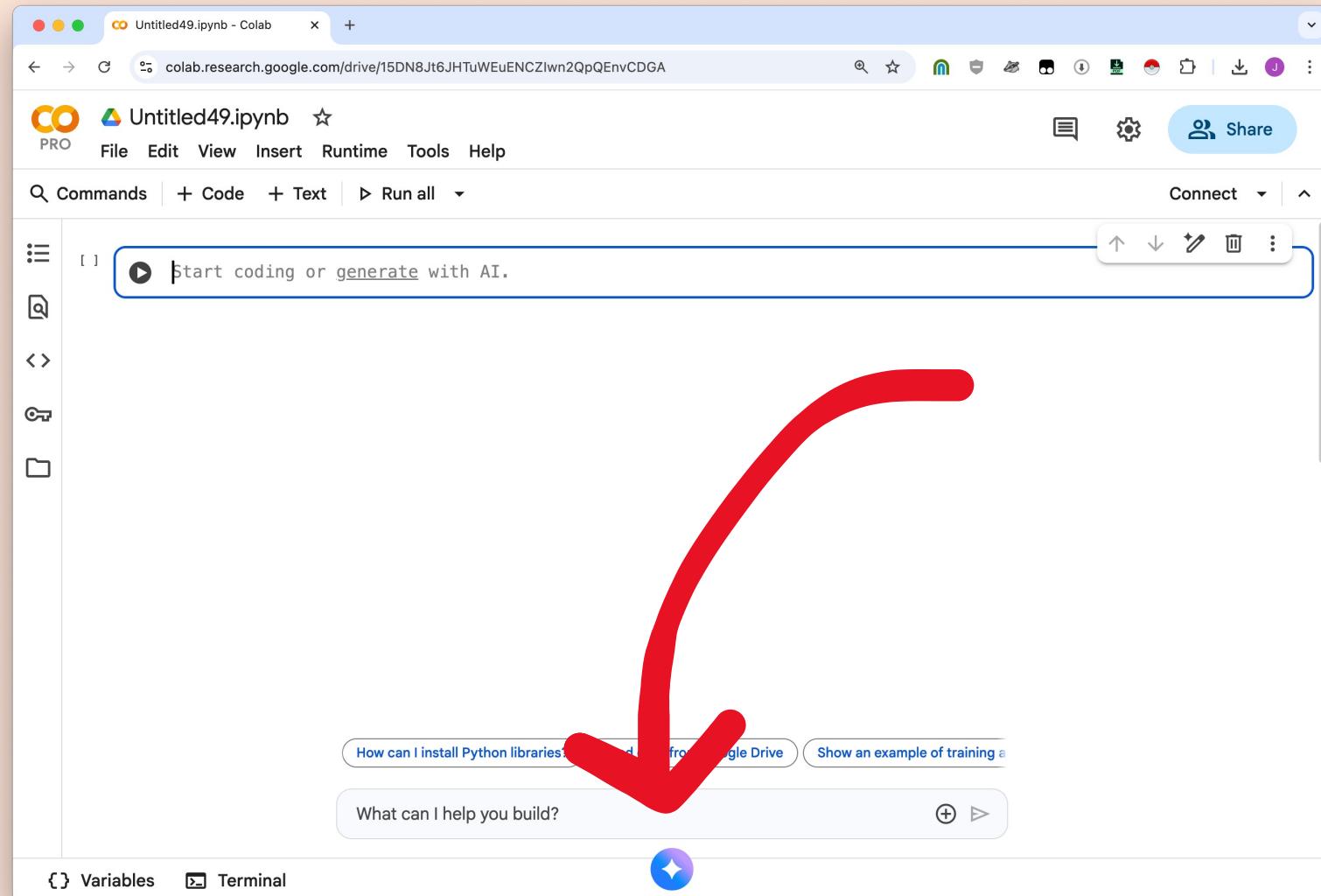
Use a project ▾

Your recent chats ^

View all

JS





## Claude for Sheets™



Claude for Sheets™ brings your friendly AI assistant Claude from Anthropic right there in your spreadsheets.

By: [Anthropic](#)

Listing updated: March 11, 2024

Works with:



Install

★★★★☆ 14 ⓘ ↓ 30K+



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Listing updated: March 6, 2024

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Works with:

★★★★☆ 318 ⓘ ↓ 6M+

Uninstall

Claude for Sheets™ - Google workspace.google.com/marketplace/app/clause\_for\_sheets/909417792257

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?

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Claude for Sheets™

Claude for Sheets™ brings your friendly AI assistant Claude from Anthropic right there in your spreadsheets.

By: [Anthropic](#)

Listing updated: March 11, 2024

Works with: Google Sheets

★★★★★ 17 reviews 34K+ installs

Overview Permissions Reviews

This sheet lets you compare a set of related prompts to Claude

Step 1: type your prompts in this column

In one sentence, what is good about the color blue?  
Suppose you have a table called "Customers" with the following column names:  
CustomerID, CustomerName, ContactName, Address, City, PostalCode, Country  
Can you write a SQL query that finds all customers in San Francisco with a customer ID greater than 1000?

Step 2: Select your model:

claude-v1.3  
claude-2

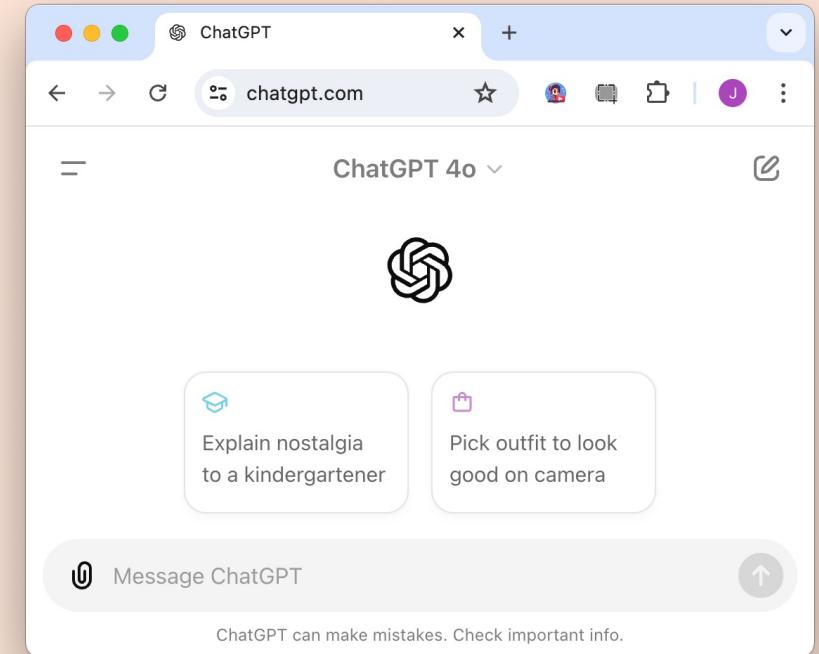
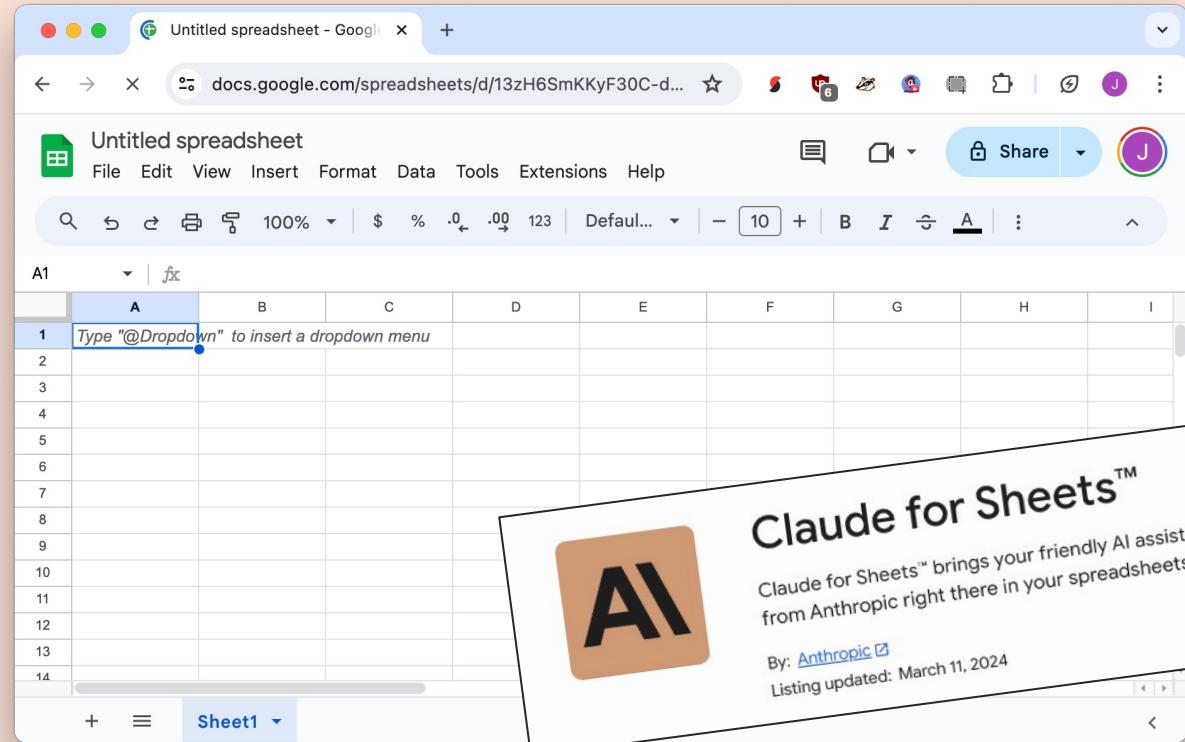
Step 3: review Claude responses in this column

Blue is a calming and soothing color.  
Here is a SQL query to find all customers in San Francisco with a customer ID 1000 from the Customers table:  
...sql  
SELECT \*  
FROM Customers  
WHERE City = 'San Francisco' AND CustomerID > 1000  
...  
This query selects all columns (\*) from the Customers table where the City co

Extensions Help

Add-ons Macros Apps Script AppSheet Claude in Sheets

asks question



gives answer

**Key successfully added!**

You must keep a record of the key below as you will not be able to view it again.

sk-ant-api03-Wriod0W3KzsL\_-osV4lnJCMfdZ6...  
nPxe-cpCdewNwV2sRKl\_pfrkj1mQCTqoDcEo1fJX...  
cld7exevD-Q-y5y\_KAAA

API keys - OpenAI API

platform.openai.com/api-keys

Playground Assistants Fine-tuning API keys Storage Usage Settings Documentation Help All products Personal

API keys

Your secret API keys are listed below. Please note that we do not display your secret API keys again after you generate them. Do not share your API key with others, or expose it in the browser or other client-side code. In order to protect the security of your account, OpenAI may also automatically disable any API key that has leaked publicly. Enable tracking to see usage per API key on the [Usage page](#).

NAME	SECRET KEY	TRACKING	CREATED	LAST USED	PERMISSIONS
Secret key	sk-...MJ0b	+ Enable	Mar 6, 2023	Apr 13, 2023	All
Secret key	sk-...e67A	+ Enable	Mar 18, 2023	Apr 19, 2023	All
Secret key	sk-...1PWe	+ Enable	Mar 18, 2023	Mar 18, 2023	All
Secret key	sk-...M1LX	+ Enable	Mar 19, 2023	Mar 19, 2023	All
Secret key	sk-...2ABE	+ Enable	Mar 23, 2023	Never	All

API keys

Close

Anthropic Console

console.anthropic.com/settings/keys

ANTHROPIC

Dashboard Workbench Settings

Create Key

Your Organization Members & Invites Plans & Billing API Keys Logs Usage

NAME	KEY	CREATED AT	UPDATED AT
claude for sheets	sk-ant-api03-1Sk...iAAA	Apr 9, 2024	...
sample class	sk-ant-api03-g0n...rgAA	Apr 10, 2024	...

Search ↶ ↷ 🖨️ 📂 200% \$ % .0 .00 123 Default... - 10 + B I ÷ A ↳

A1

| fx

**A****B**

1

2

3

4

5

6

7

8

E8

fx

A

B

C

1 object

color

2 sky

3 strawberry



4 basketball

5

6

7

8



=CLAUDEEXTRACT("色", A2)



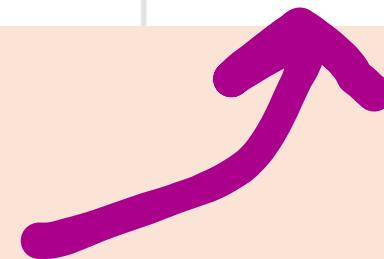
E	F
object	color
空	空
ストロベリー	The character "色" does not appear in the given string "ストロベリー".
バスケットボール	無

=CLAUDEEXTRACT("ngjyra (нë shqip)", A2)



object	color
qielli	blu
Iuleshtrydhe	kuqe
basketbolli	nuk ka informacion për ngjyrën në këtë fjalë

object	color
небо	блакитний
полуница	червоний
баскетбол	None

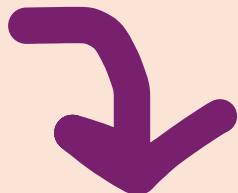


=CLAUDEEXTRACT("колір (українською мовою)", A2)

=CONCATENATE(A2, "の色は何色ですか？一言で答えてください")



=CLAUDE(B2)



### full prompt

空の色は何色ですか？一言で答えてください

### response

青。

ストロベリーの色は何色ですか？一言で答えてくだ

赤色です。

バスケットボールの色は何色ですか？一言で答えて

オレンジ色。

Louisiana State Legislation (Completed in Class) ★ Saved to Drive

File Edit View Insert Format Data Tools Extensions Help

150% \$ .00 123 Default... 10 B I A

G3 fx

	A	E	F	G
1	bill text	about retirement?	about employment?	
2	> HLS 24RS-94 **[ENGROSSED]{.underline}** > > 2024 Regular Session > > HOUSE BILL NO. 8 > > BY REPRESENTATIVES MELERINE AND HUGHES > > SCHOOLS/HIGH SCHOOL: Prohibits the use of an appeals pro > certain students > > HLS 24RS-88 **[REENGROSSED]{.underline}** > > 2024 Regular Session > > HOUSE BILL NO. 9 > > BY REPRESENTATIVE ILLG > > RETIREMENT/DISTRICT ATTY: Provides for survivor benefits c > the >			
3				

Louisiana State Legislation (Completed in Class) ★ Saved to Drive

File Edit View Insert Format Data Tools Extensions Help

150% \$ .00 123 Default... 10 B I A

G3 | fx

	A	E	F	G
1	<b>bill text</b>  > HLS 24RS-94 **[ENGROSSED]{.underline}** > > 2024 Regular Session	<b>about retirement?</b>	<b>about employment?</b>	

=CLAUDEEXTRACT("Is this piece of legislation about retirement? Answer YES or NO", A)

fx

	A			
3	> certain students > > HLS 24RS-88 **[REENGROSSED]{.underline}** > > 2024 Regular Session > > HOUSE BILL NO. 9 > > BY REPRESENTATIVE ILLG > > RETIREMENT/DISTRICT ATTY: Provides for survivor benefit > the >	<input type="radio"/> no	<input type="radio"/> no	<input type="radio"/> yes

I am irate about the broccoli incident, I am never shopping at your store again. Take me off of your broccoli mailing list immediately.

name

Jackary Baloney nose  
jackary.baloney@example.com

email

email	email	name
FROM: Mulberry Peppertown (mulbs@example.com)  When I pick up the cans of beans they are all so light! At first I thought they were empty, but it turns out they are just futuristic beans that are not heavy like the old style beans I was used to. It is incredible.		=CLAUDEEXTRACT(...)
I am irate about the broccoli incident, I am never shopping at your store again. Take me off of your broccoli mailing list immediately.	mulbs@example.com	Mulberry Peppertown
Jackary Baloney nose jackary.baloney@example.com	“email”	“name”
Your flour is ground too finely. I do not go here to buy 00 flower I want big, fat grainy level-2 flour. I want it so coarse that it can be mistaken for grains of sand scattered over my countertop. You can find me at bfids@example.com my name is Boxcar Fiddleworth and I would like to know when you get the good correct stuff.	jackary.baloney@example.com	Jackary Baloney nose
Cleo here, reporting live: I am not sure whether to go with cinnamon or sugar. I love sugar, I hate cinnamon. cleo@example.com .	bfids@example.com	Boxcar Fiddleworth
	cleo@example.com	Cleo

Elections européennes : Emm... +

lemonde.fr/elections-europeennes/article/2024/04/17/elections-europeenne...

Le Monde | Élections européennes 2024 | Résultats des européennes | Carte des résultats | Les 81 députés français | S'abonner

ÉLECTIONS EUROPÉENNES • EMMANUEL MACRON

# Élections européennes : Emmanuel Macron dénonce « l'hypocrisie » du Rassemblement national

Le chef de l'Etat a déploré, mercredi depuis Bruxelles, que les « peurs profitent aux réponses les plus simplistes » dans la campagne pour le scrutin du 9 juin, fustigeant ceux qui dénoncent l'Union européenne tout en engrangeant les « dividendes silencieux ».

Le Monde avec AFP  
Publié le 17 avril 2024 à 20h55, modifié le 18 avril 2024 à 03h01 • Lecture 2 min.

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**Les plus lus**

- En direct, la situation politique en France : Elisabeth Borne siégera au sein du groupe Renaissance, son président n'est toujours pas élu
- L'avertissement de Gérard Larcher à Emmanuel Macron : « On ne joue pas avec la France »

Interrogé en marge de son déplacement à Bruxelles sur la campagne des élections européennes, Emmanuel Macron a ciblé, sans le nommer, le Rassemblement national (RN) dont la liste conduite par Jordan Bardella caracole en tête des sondages.

« Je pense qu'il y a beaucoup de peurs, d'inquiétudes dans le moment que nous vivons et que ces colères profitent toujours aux réponses les plus simplistes », a déclaré le chef de l'Etat français lors de son arrivée, mercredi 17 avril, dans la capitale belge avant la tenue d'un sommet européen, au cours d'un bref échange avec la presse aux côtés de la tête de liste de son camp aux européennes, Valérie Heyer. « Il y a aujourd'hui une espèce d'hypocrisie du débat et j'espère qu'en rentrant dans les prochaines semaines dans celui-ci, cette hypocrisie sera levée », a ajouté M. Macron, visant en creux le RN.

Il s'agissait de la première apparition publique du chef de l'Etat et de M<sup>me</sup> Hayer depuis le début de la campagne, avant qu'ils n'assistent ensemble à une réunion du groupe Renew Europe.

**Lire aussi |** [Elections européennes 2024 : le calendrier du scrutin](#)

La candidate du camp présidentiel peine pour l'instant à imprimer sa marque dans la campagne. « On s'organise, on a la bonne candidate (...) On a surtout les bonnes idées, celles qui se sont mises en place en Europe ces dernières années », a lancé M. Macron, interpellé par un journaliste.

- =CLAUDEEXTRACT("people mentioned in the article, with titles if available. One per line.", B5)
- =CLAUDEEXTRACT("brief one-sentence summary", B5)
- =CLAUDEEXTRACT("English translation", E5)
- =CLAUDEEXTRACT("article category, one of politics, sports, international, other", B5)

B	C	E	F	G	H	I
content	sources	summary	language code	is it English?	English translation	article category
Ante inversores en Washington, Caputo defendió la estrategia fiscal y reafirmó el compromiso para levantar el cepo  El jefe del Palacio de Hacienda participó de un seminario organizado por el banco J.P. Morgan  WASHINGTON.- El ministro de Economía, Luis Caputo, llegó al seminario del banco de inversión J.P. Morgan en el Park Hyatt hotel poco después de las tres de la tarde, <small>Luego llegó un nota desmentida de Bloomberg</small>	Luis Caputo, Ministro de Economía Pablo Quirno, Secretario de Finanzas Javier Milei, gobierno Mauricio Macri, gobierno Nicolás Posse, Jefe de Gabinete Alberto Fernández, gobierno Pierre-Olivier Gourinchas, Economista Jefe del FMI	The economy minister defended the government's fiscal adjustment strategy and reiterated the intention to lift currency controls, but said they cannot do so with the current level of reserves <small>unless they receive a fresh injection of money.</small>	en	yes	The economy minister defended the government's fiscal adjustment strategy and reiterated the intention to lift currency controls, but said they cannot do so with the current level of reserves unless they receive a fresh injection of money.	international
Elections européennes : Emmanuel Macron dénonce « l'hypocrisie » du RN  Le chef de l'Etat a déploré mercredi depuis Bruxelles que les « peurs profitent aux réponses les plus simplistes » dans la campagne pour le scrutin du 9 juin, fustigeant ceux qui dénoncent l'Union européenne tout en engrangeant les « dividendes silencieux ».  Vous pouvez partager un article en cliquant sur les icônes <small>de partage en haut à droite de cette page</small>	Emmanuel Macron, President of France Valérie Heyer, Head of list for Macron's camp in European elections Jordan Bardella, Head of list for National Rally (Rassemblement National, RN) Raphaël Glucksmann, Head of list for Socialist Party (Parti Socialiste) and Place Publique Gabriel Attal, Prime Minister of France	Emmanuel Macron a déploré que les "peurs profitent aux réponses les plus simplistes", mercredi 17 avril.	fr	no	Emmanuel Macron lamented that "fears profit from the simplest answers", Wednesday April 17.	politics
岸田首相、韓国・尹大統領に日米首脳会談の成果説明　日韓連携も確認  岸田文雄首相は17日、韓国の尹錫悦（ウンソンニヨル）大統領と電話で協議した。首相によると、10日にワシントンで行われた日米首脳会談での合意事項などについて説明したという。  協議後、首相は首相官邸で記者団に「日韓、日米韓の連携をより深化させ、日韓首脳間を含め緊密に意思疎通を図つ	Fumio Kishida, Prime Minister; Yoon Suk-yeol, President of South Korea	岸田首相は17日、韓国の尹大統領と電話で協議し、日米首脳会談の成果を説明、日韓連携も確認した。	ja	no	Prime Minister Kishida held talks by phone with South Korean President Yoon on the 17th, explaining the results of the Japan-U.S. summit and confirming cooperation between Japan and South Korea.	other

B	C	E	F	G	H	I
content	sources	summary	language code	is it English?	English translation	article category
Ante inversores en Washington, Caputo defendió la estrategia fiscal y reafirmó el compromiso para levantar el cepo	Luis Caputo, Ministro de Economía Pablo Quirno, Secretario de Finanzas Javier Milei, gobierno Mauricio Macri, gobierno Nicolás Posse, Jefe de Gabinete Alberto Fernández, gobierno Pierre-Olivier Gourinchas, Economista Jefe del FMI	The economy minister defended the government's fiscal adjustment strategy and reiterated the intention to lift currency controls, but said they cannot do so with the current level of reserves	en	yes	The economy minister defended the government's fiscal adjustment strategy and reiterated the intention to lift currency controls, but said they cannot do so with the current level of reserves unless they receive a fresh injection of money.	international
El jefe del Palacio de Hacienda participó de un seminario organizado por el banco J.P. Morgan						
WASHINGTON.- El ministro de Economía, Luis Caputo, llegó al seminario del banco de inversión J.P. Morgan en el Park Hyatt hotel poco después de las tres de la tarde, <small>luego de una reunión de trabajo en Washington</small>						

<https://bit.ly/clause-sheets>

Le chef de les « peurs dans la campagne électorale française ». Emmanuel Macron dénonce l'hypocrisie	Raphael Glucksmann, Head of list for Socialist Party (Parti Socialiste) and Place Publique Gabriel Attal, Prime Minister of France	deplore que les « peurs profitent aux réponses les plus simplistes », mercredi 17 avril.	fr	no	Emmanuel Macron lamented that "fears profit from the simplest answers", Wednesday April 17.	politics
岸田首相、韓国・尹大統領に日米首脳会談の成果説明　日韓連携も確認						
岸田文雄首相は17日、韓国の尹錫悦（ユンソンニョル）大統領と電話で協議した。首相によると、10日にワシントンで行われた日米首脳会談での合意事項などについて説明したという。	Fumio Kishida, Prime Minister; Yoon Suk-yeol, President of South Korea	岸田首相は17日、韓国の尹大統領と電話で協議し、日米首脳会談の成果を説明、日韓連携も確認した。	ja	no	Prime Minister Kishida held talks by phone with South Korean President Yoon on the 17th, explaining the results of the Japan-U.S. summit and confirming cooperation between Japan and South Korea.	other

# Your mission

- Visit [bit.ly/clause-sheets](https://bit.ly/clause-sheets)
- Install/set up Claude for Sheets
- Extract topics (or more) from the tab “**comments (Japanese)**”
- Use **=CLAUDEEXTRACT(“topic”, A2)**, then double-click the blue box on the bottom right corner



but yes, you must

*check the results*

But we have a big big  
big big big problem

We have a lot of documents, but they are  
NOT in a spreadsheet. How can we put them  
in a spreadsheet?

Claude

claude.ai/new

Happy Thursday, j

I need a web page where I can drop in a bunch of pdfs and then there's an 'export' button and it exports the text of the pdfs, one row per pdf

Sonnet 4.5

+ • ⏲

↑

PDF text export tool

chatgpt.com/c...

ChatGPT 5

I need a web page where I can drop in a bunch of pdfs and then there's an 'export' button and it exports the text of the pdfs, one row per pdf

Thought for 6s >

Pdf Text Exporter — Drag & Drop To Extract · html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<title>PDF → Text (one row per PDF)</title>
<!-- Tailwind (optional, for nicer UI) -->
<script src="https://cdn.tailwindcss.com"></script>
<!-- pdf.js -->
<script src="https://unpkg.com/pdfjs-dist@4.6.82/build/pdf.min.js"></script>
<style>
  .dropzone.dragover { outline: 2px dashed #60a5fa; background: #f0f0f0; }
  .mono { font-family: ui-mono, SFMono-Regular, Menlo, Monaco, monospace; }
</style>
```

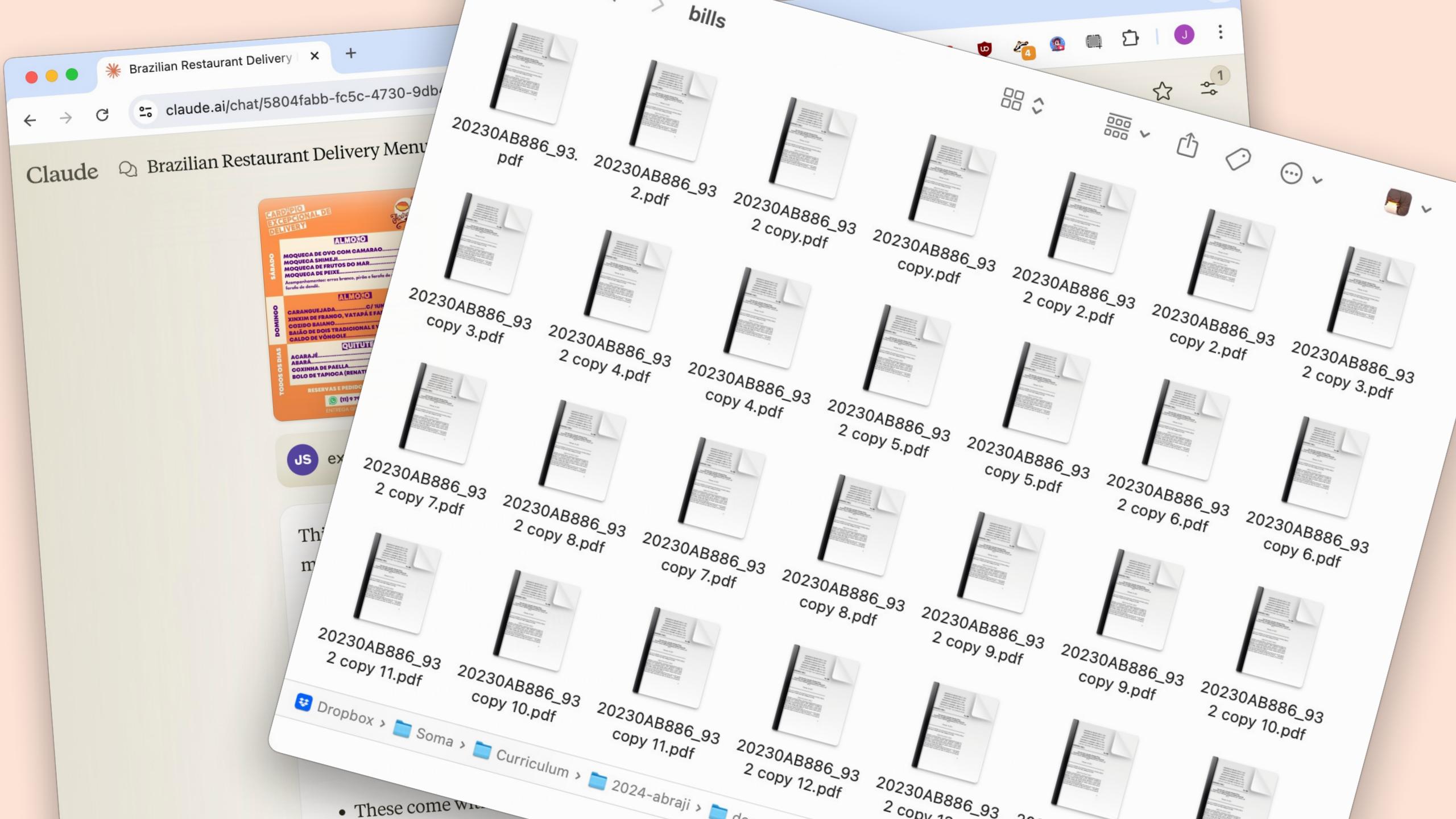
+ Ask anything

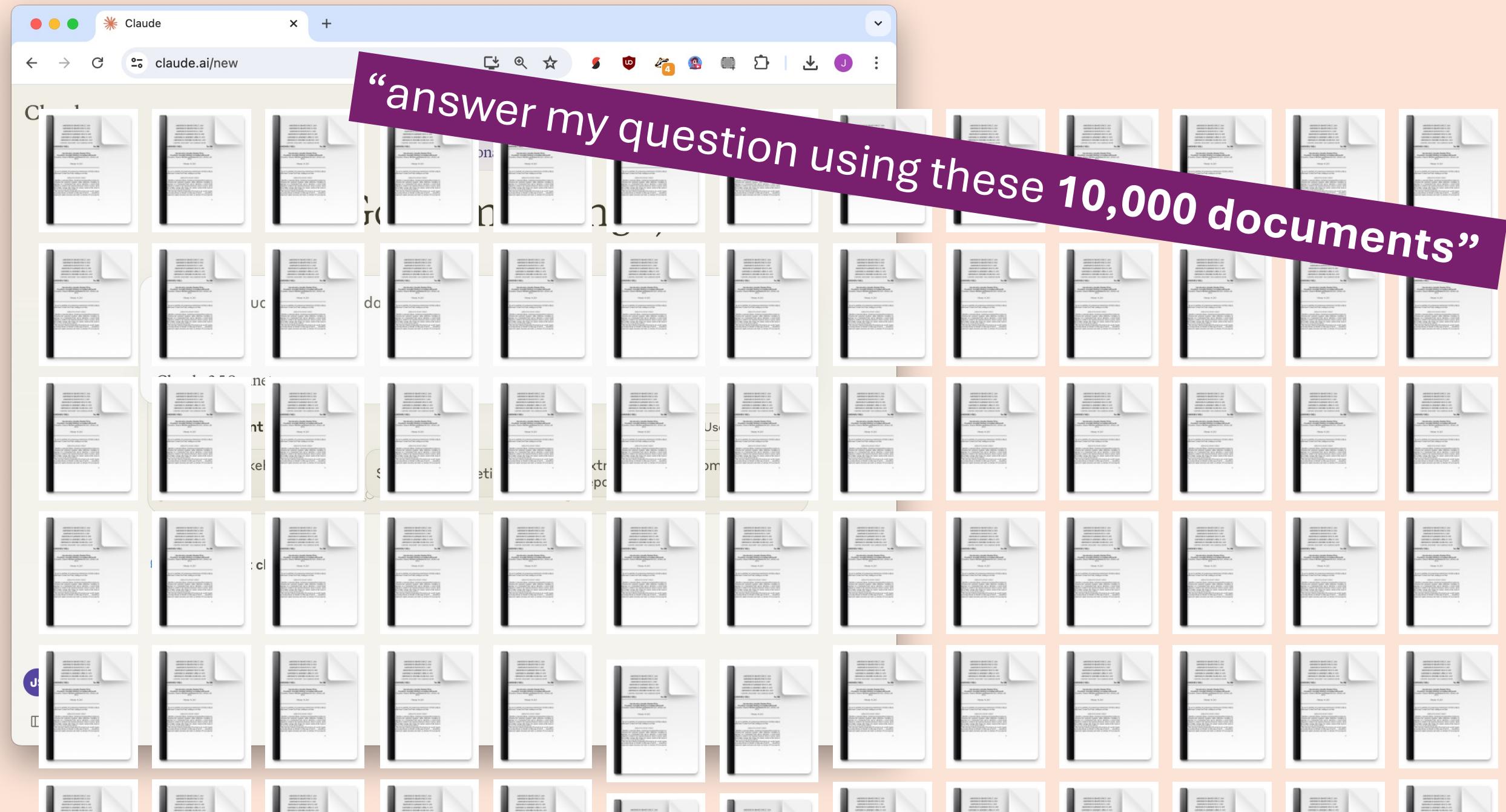
ChatGPT can make mistakes. Check important info.

sometimes you just want

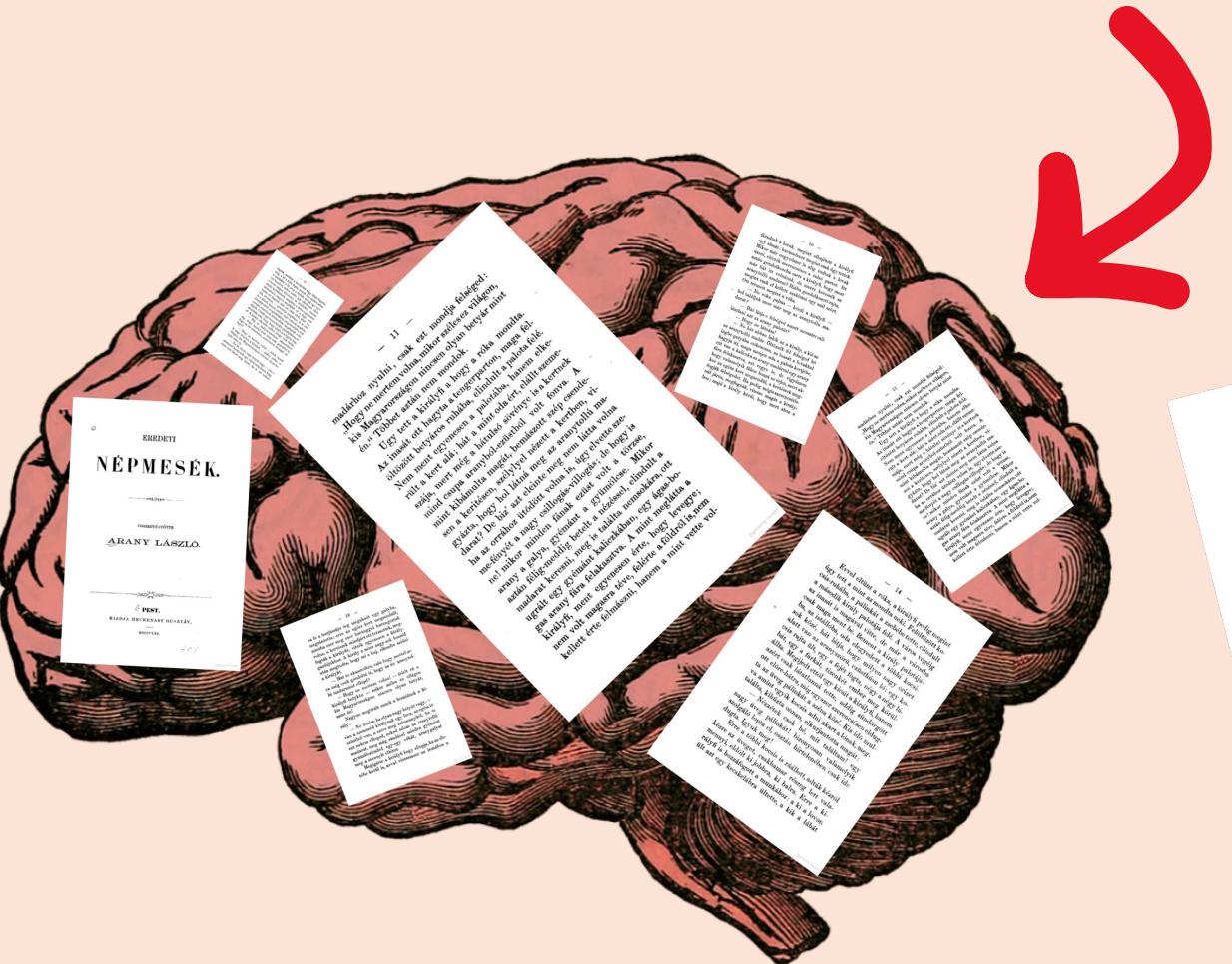
a single answer

from a lot of documents





# Context window



— 19 —  
akármint lesz, el kell neki lopni a kisasszonnyt,  
jobb hát ha most elszökteti, azután majd taná-  
csot kérhet a rókától.  
— utte szerencsén, kimentek a me-  
... mig az inas a

El is szoktette szerencsétől zöre a királyi inasához, ott, — míg az inas a lovakat nyertegette, — a királyi férje ment, elszakította az ötödik szál szórt is. Ott termett a róka:

— Sohse' búsljon azon a körön, elintézem én azt, most majd együtt meggyek fel ségeddel.

Mentek aztán együtt, szép királykörökkel, azoknak a róka-korhoz, akihez valaha küsszonyt kellett volna vinni, a város végén a róka őpen olyan szép küsszonytól váltotta mint az igazi, hogy a kígyó is alig tudta megszínűsíteni, a róka-küsszonnyt mondta az iguanák, hogy csak megnéjenek az őseiket, nekik most a királyval egy kis dolguk van, hanem majd utána mennek. Mert aztán a küsszonyt tovább, a kis

indent, az egész szereket egymásra is elhelyezte, hogy minden gazdag király kedve hozzá menjen, így a hanut is manuálisan átadnak mindenki előtt, az apának mindenki előtt megjelenő hozzájárulásban. „Most nem csak az enyim, én a fielő, hanem az ejjel szökjünk el országunk megesküdőitől.

f i két kezzel a tanácsos, ák, hogy még azon az ej- indenki lenyűgszik a kirá- szóknak, reggelre magukat, ha a kissaszcány szobájához, vár- akkor jutott esébe, hogy ne- vonty a szomszéd királynak kell dovat megkaphja, mert ha azt meg aranyhololi madar akart az apja szeme lezse az éve- lig nem akart az apja szeme elér- ezt szörnyű módon, már azt is- győr érte se megy a kissaszcányt, ésébe jutott hogy akárhogy lesz,

— neked adom az aranyzsöri lovat, a gyémánt fel szakácsomat, meg még drádásul tiz körből arany brászomat.

Jól van; megírásra a királyfi hogy elloppel, avval kiemeli a város végére az innashoz. Itt megnéadt volt mit temni? el kellett szakácsitán negyedik szál szórt is. Ott termett a róka:

— No mi a baj felséges királyfi.

— Hát csak e' meg e. Itt elbeszélte a királyfi hogy már meg királykisasszonnyt kellene kiírni. — No királyfi — mondja a róka, — most székes fel szakács ruháiba, menjen el ahol az ályhöz, szegődjök be szakácsnak. Délben jád felséged vigye be a levest, hanem az ejtse el. Többet szátn nem mondok. Eltitton a róka megnétt, a királyfi pedig az által ment a harmadik királyi országba, róhoz a váróshoz értek, ahol a kirdy felülvizsgált a királyfi szakácsruhába, az a várós vegegy hajtta, maga bement a palotába. Épen kint sétfájtották a királyfi avaronból; oda ment hozzá a királyfi: Felséges király én szakács vagyok, azért hogy beszegődöm a felségedhez, hahogya radna.

— 17 —

van fiam én megtudtam, április szá-  
mú senkigem, jo hogy jötött  
lott a kírásba! szoktak, mind  
a konglomerátumnak van  
szerepet hármasra; hanem a konglomerátum  
Kírásban az eld. ideje, a ki-  
szolgáltatásnak a kára marad meg a török  
magy után, ne megy a török adlig  
szolgálatba a kírásba! levessége  
szükséges, melyet a török nemegy  
A kírásban körülönösen  
szükséges, melyet a török nemegy  
a teljes körülönösen  
szükséges, minden  
igaznak számít  
szolgálatba a kírásba! legyenek, jobban vi-  
valy szolgálatba, össze a cse-  
mőszolgálatba, aki a török arany  
szolgálatba, hogy hármas lehet más,  
m am is hármas abba  
járhat, melyet a török nemegy  
szolgálatba a kírásban, kérhetettséget  
az a szolgálat, ott  
kérdezőtől olyan  
A kírásban a török  
szolgálatba a kírásban  
egy gázdag

talking to a chatbot about a  
lot of documents is called

retrieval augmented  
generation

tech people call it R.A.G.



But I'm a little worried the answer  
is going to be wrong!!!!

Did the AI actually find **relevant documents**?

Did we send **too few** sections, so it doesn't have the answer?

Did we send **too many** sections, confusing the AI?

Did it **hallucinate** even if it had the right content?

*Chatbots May ‘Hallucinate’  
More Often Than Many Realize*

When summarizing facts, ChatGPT technology makes things up about 3 percent of the time, according to research from a new start-up. A Google system's rate was 27 percent.

MyCity Chatbot x +

chat.nyc.gov

NYC MyCity Official website of the City of New York

ChatbotBeta

Select Language

FEEDBACK

# MyCity Chatbot Beta

We are continuously working to improve the MyCity Chatbot, which uses business-related NYC agency data and AI to answer your questions. Your feedback is invaluable for refinement.

### Example Questions

"How do I avoid noise violations and complaints for my construction company?"

"What information can you help me with?"

"How do I apply for the MWBE program?"

### Capabilities

Trained to provide you with official NYC Business information.

Will not use the contents of your chat history to learn new information.

Responds to languages required by Local Law 30.

### Limitations

May occasionally produce incorrect, harmful or biased content.

Limited knowledge of the world beyond NYC Business topics.

Trained to decline inappropriate requests.

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Ask MyCity Chatbot business-related questions only

IMPORTANT: Responses may occasionally produce inaccurate or incomplete content. Validate answers on NYC.gov and MyCity Business.



Menu ▾

# The Mar

Challenging technology to ser

News

## NYC's AI Chatbot Tells Bus the Law

The Microsoft-powered bot says bosses can tak  
can discriminate based on source of income

By Colin Lecher

March 29, 2024 06:00 ET



### ? Question Submitted

Are buildings required to accept section 8 vouchers?

### NYC Chatbot Answer (Emphasis by The Markup)

**"No, buildings are not required to accept Section 8 vouchers."**

### Reality

Landlords **cannot discriminate by source of income**, with a minor exception for small buildings where the landlord or their family lives.

Do landlords have to accept tenants on rental assistance?

**"No, landlords are not required to accept tenants on rental assistance."**

Landlords **cannot discriminate by source of income**, with a minor exception for small buildings where the landlord or their family lives.

Can I keep my funeral home pricing confidential?

**"Yes, you can keep your funeral home pricing confidential.** There are no specific regulations that mandate the disclosure of funeral home pricing in New York City."

**The Federal Trade Commission** has outlawed concealing funeral prices.

Can I make my store cashless?

**"Yes, you can make your store cashless in New York City.** There are no specific requirements that prohibit businesses from operating as cashless establishments in the city."

Stores have been **required to accept cash** as payment since 2020.

RAG is very irresponsible  
(especially facing readers!)  
but it's *also* very easy and fun

so let's do it!

JS

You

where did he get his masters?



ChatGPT

Jonathan Soma earned his Master's degree from the University of Denver.



JS

You

Where did he get his master's degree?



ChatGPT

Jonathan Soma earned his Master's degree from the Columbia University Graduate School of Journalism [1].

☰ NotebookLM x +

notebooklm.google.com/?pli=1

# NotebookLM

All My notebooks Featured notebooks Shared with me

✓ grid icon

## Featured notebooks

Techno Sapiens  
Parenting Advice for the Digital Age  
May 6, 2025 • 21 sources

Eric Topol  
Secrets of the Super Agers  
May 6, 2025 • 17 sources

Our World in Data  
Trends in Health, Wealth and Happiness  
Apr 15, 2025 • 24 sources

See all >

## Recent notebooks

Create new notebook

NYC Brokers: Avoiding Source of Income...  
Aug 27, 2025 • 19 sources

Rules for Outdoor Dining with Dogs  
Aug 27, 2025 • 19 sources

NotebookLM,  
My best friend!



The screenshot shows a NotebookLM interface with the following details:

- Title:** NYC Brokers: Avoiding Source of Income Discrimination
- Sources:** A list of 19 PDF documents, all of which are checked. The titles of the sources are identical to those in the Google Drive folder.
- Chat:** A large red circle highlights the AI-generated response to the question "What are the specific requirements for utilizing public space for outdoor dining?".
- Text Content:**

NYC Brokers: Avoiding Source of Income Discrimination

The collection of documents covers a range of regulations and initiatives within New York City, including detailed information on pension and loan rules for members of the Teachers' Retirement System (TRS), which outlines benefit calculations, age reductions, and the repayment terms for TDA loans. Several sources focus on the Outdoor Dining programs, detailing the Open Restaurants initiative, the adoption of Dining Out NYC rules by the Department of Transportation (DOT), operational requirements like hours, heating, accessibility, and measures for rat control. Additional sources address tenant information for the Section 8 (HCV) Program administered by NYCHA, covering eligibility, transfers, and reasonable accommodations, alongside a fact sheet warning against source of income discrimination. Furthermore, there are documents concerning New York State labor laws regarding minimum wage, overtime, and scheduling for various workers, as well as a report on the Young Men's Initiative (YMI) and its goals for men in education, employment, and the criminal justice system. Finally, one source is a historical document on tales by László Arany, published in 1862, and another details the vehicle inspection requirements.

Start typing... 19 sources →

What are the specific requirements for utilizing public space for outdoor dining?

NotebookLM can be inaccurate; please double check its responses.

# Citations!

NYC Brokers: Avoiding Source of Income Discrimination

Sources

FairHouse\_FAQBroker-2021Eng.pdf

Source guide

In addition, New York State law prohibits owners and their agents from rejecting applicants to rental housing on the basis of pending or prior landlord-tenant actions.

What are the potential consequences of violating the NYC Human Rights Law? Any or all of the following are potential consequences:

- Willful violations can carry a civil penalty of up to \$250,000 per violation.
- Tenants can seek compensatory and emotional suffering damages with no cap. If, for example, an applicant

Chat

2. When renting a room in a unit in which the landlord or a member of the landlord's family resides, and the unit does not receive public assistance 8 .

Violations of the NYC Human Rights Law regarding source of income discrimination can carry significant consequences 12 :

- Civil penalties for willful violations can be up to \$250,000 per violation 12 .
- Tenants may seek compensatory and emotional suffering damages with no cap (e.g., compensation for the emotional distress associated with homelessness following an unlawful denial) 12 .
- The violating party may be held liable for the complainant's attorney's fees 12 .
- The Commission may impose monitoring for compliance for a period of months or years 12 .

If you are a licensed professional (salesperson or broker), you are responsible for the actions of anyone

Start typing... 19 sources

What is a revocable consent? What are the four f...

Studio

Nano Banana now in Video Overviews! Try the new styles!

Audio Overview Video Overview

Mind Map Reports

Flashcards Quiz

Studio output will be saved here. After adding sources, click to add Audio Overview, Study Guide, Mind Map, and more!

Add note

## Your mission

- Visit **notebook1m.google.com**
- Create a new notebook
- Upload documents, ask questions
  - Does the government still use hanko for approvals?
  - What are some businesses that have been sanctioned?

a little to say about

transcription

which is probably less important than  
text for most of you!

The New York Times

Elon Musk Sues OpenAI and Sam Altman for Violating the Company's Principles

Musk said the prominent A.I. start-up had put profits and commercial interests ahead of seeking to benefit humanity.

Share full article

328



ChatGPT

JS You  
How many n's are in mayonnnnase?

ChatGPT  
The word "mayonnaise" typically has two 'n's in it. However, in the way you've spelled it—"mayonnnnase"—there are three 'n's.

AI

GPT...

ChatGPT can make mistakes. Consider checking important information.

September 21, 2022

# Introducing Whisper

We've trained and are open-sourcing a neural net called Whisper that approaches human level robustness and accuracy on English speech recognition.

[Read paper ↗](#)

[View code ↗](#) [View model card ↗](#)

Models - Hugging Face x huggingface.co/models?sort=trending&sear...

Hugging Face Search models, datasets, users...

Models 292

openai/whisper new Full-text search Add filters Sort: Trending

-  **openai/whisper-large-v3**  
Automatic Speech Recognition • Updated Feb 8 • ↓ 2.01M • ❤ 2.41k
-  **openai/whisper-large-v2**  
Automatic Speech Recognition • Updated Feb 29 • ↓ 306k • ❤ 1.56k
-  **openai/whisper-tiny**  
Automatic Speech Recognition • Updated Feb 29 • ↓ 216k • ❤ 180
-  **openai/whisper-base**  
Automatic Speech Recognition • Updated Feb 29 • ↓ 359k • ❤ 159
-  **openai/whisper-small**  
Automatic Speech Recognition • Updated Feb 29 • ↓ 368k • ❤ 152
-  **openai/whisper-medium**  
Automatic Speech Recognition • Updated Feb 29 • ↓ 188k • ❤ 174
-  **openai/whisper-tiny.en**  
Automatic Speech Recognition • Updated Jan 22 • ↓ 170k • ❤ 77

MacWhisper

goodsnooze.gumroad.com/l/mac... ☆

## Private, high-quality transcription

100K+ users | Featured by Apple

potential? Cause it feels to me like every generation learns all the things the previous generation learned. Yeah, that's probably true. Trade-offs, I guess, a lack of self-awareness, competing priorities. I think all these things play a factor. Not being clear about what you're optimizing for. You know, it's not that people, no one's out there trying to make a poor decision. You know, nobody is trying to waste their time or be ineffective. I think it's just that we often, Life is dynamic and what we were previously optimizing for may not be what we should be optimizing for in the moment. Or maybe we've entered a new season of life and we're slow on the uptake. We kind of are still inheriting the inertia or the old habits that we've been following and we haven't upgraded or improved our strategies yet. Maybe what we really want is a little bit different than what is currently needed or what we would be praised for or what the people around us want. And so we're forced into this

### MacWhisper

Jordi Bruin | ★★★★★ 1268 ratings

Quickly and easily transcribe audio files into text with OpenAI's state-of-the-art transcription technology Whisper. Whether you're recording a meeting, lecture, or other important audio, MacWhisper quickly and accurately transcribes your audio files into text.

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# MacWhisper



Jordi Bruin

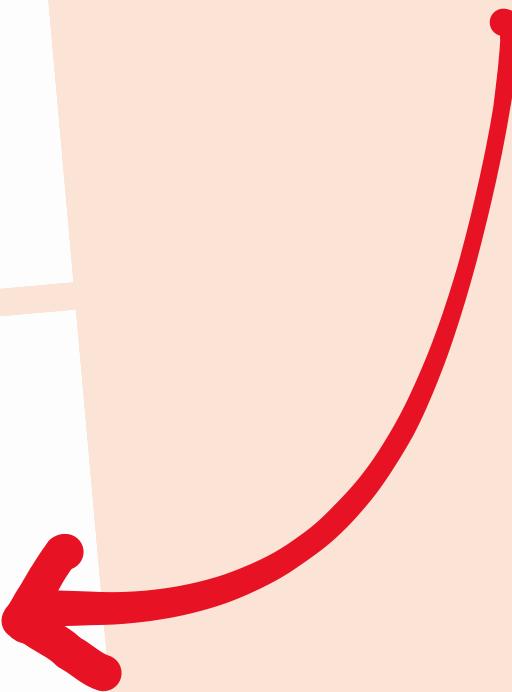


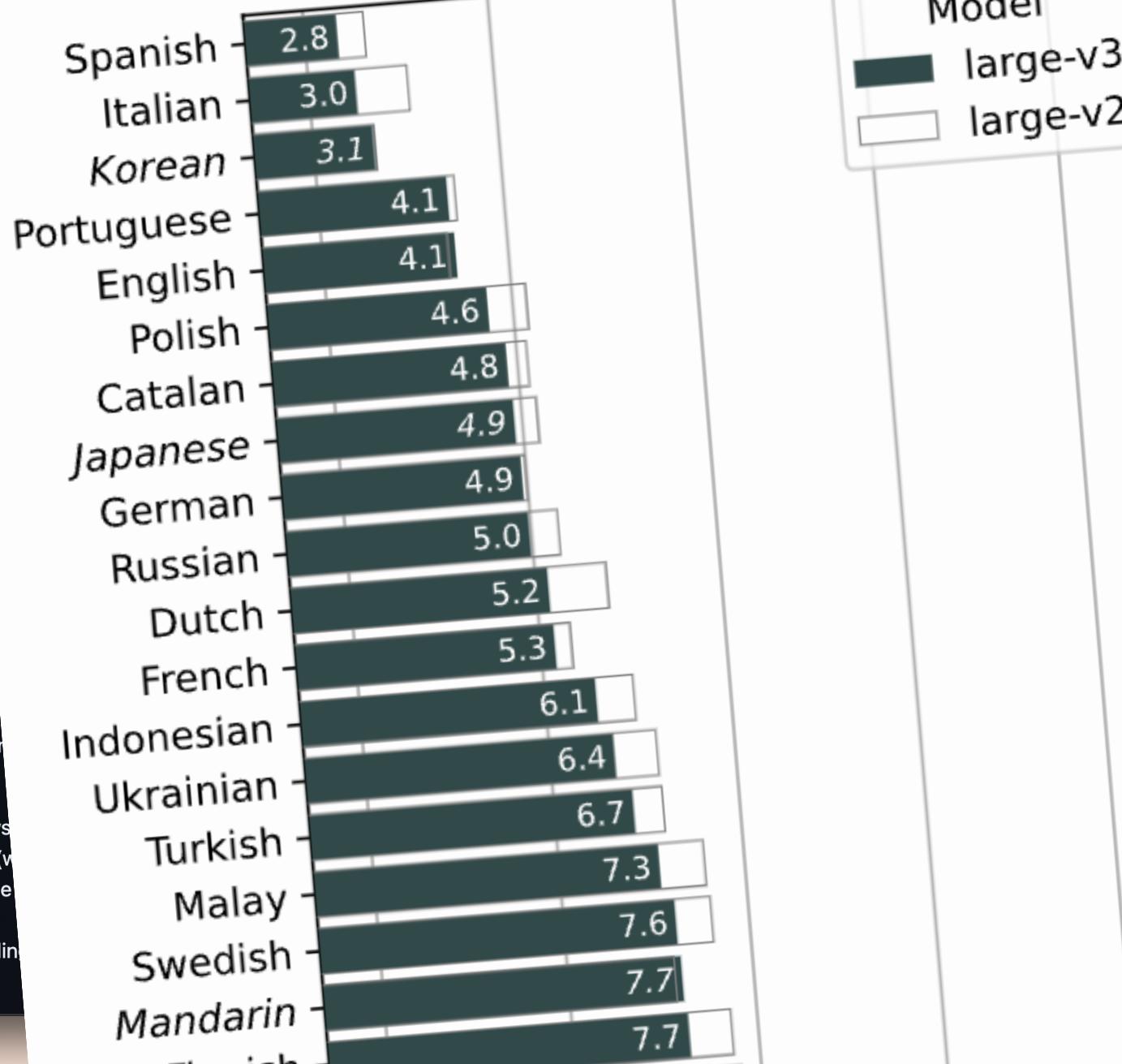
1268 ratings

Quickly and easily transcribe audio files into text with OpenAI's state-of-the-art transcription technology Whisper. Whether you're recording a meeting, lecture, or other important audio, MacWhisper quickly and accurately transcribes your audio files into text.

## Features

- Easily record and transcribe audio files on your Mac
- Just drag and drop audio files to get a high quality transcription
- Supported formats: mp3, wav, m4a, ogg, opus, mov and mp4 videos.
- Adjust whisper settings (beam search / greedy, beam size etc)
- Supports Tiny, Base and Small transcription qualities (and you can compare the transcription quality between all quality levels)





## Available models and languages

There are five model sizes, four with English-only versions, offering speed and accuracy tradeoffs. Below are the names of the available models and their approximate memory requirements and inference speed relative to the large model; actual speed may vary on many factors including the available hardware.

Size	Parameters	English-only model	Multilingual model	Required VRAM	RAM
tiny	39 M	tiny.en	tiny	~1 GB	~100 MB
base	74 M	base.en	base	~1 GB	~100 MB
small	244 M	small.en	small	~2 GB	~100 MB
medium	769 M	medium.en	medium	~5 GB	~100 MB
large	1550 M	N/A	large	~10 GB	~100 MB

The .en models for English-only applications tend to perform better, especially for the tiny.en and base.en models. We observed that the difference becomes less significant for the small.en and medium.en models.

Whisper's performance varies widely depending on the language. The figure below shows the performance breakdown of large-v3 and large-v2 models by language, using WERs (word error rates) or CER (character error rates, shown in *italic*) evaluated on the Common Voice and Fleurs datasets. Additional WER/CER metrics corresponding to the other models and datasets can be found in Appendix D.1, D.2, and D.4 of [the paper](#), as well as the BLEU (Bilingual Evaluation Understudy) scores for translation in Appendix D.3.

Google Gemini

gemini.google.com/app/db802eaacd8574d3

Gemini  
2.5 Pro

Invite a friend PRO J

transcribe this [https://www.youtube.com/watch?  
v=vyN82wSPxpw](https://www.youtube.com/watch?v=vyN82wSPxpw)

YouTube

The YouTube video "Why I didn't post for 4 months and what I've been up to" by Vancouver Carpenter [00:00] discusses the creator's four-month hiatus from posting content.

Key points from the video:

- **Burnout and Break** The creator experienced burnout from YouTube and social media, leading to a long break [00:06]. They found the constant effort to gain attention draining and unfulfilling [00:21].
- **Return to Carpentry** The creator decided to work full-time as a carpenter again, having previously worked part-time while making videos [00:37]. Their focus on drywall work had

Ask Gemini

+ Tools

Gemini can make mistakes, so double-check it