

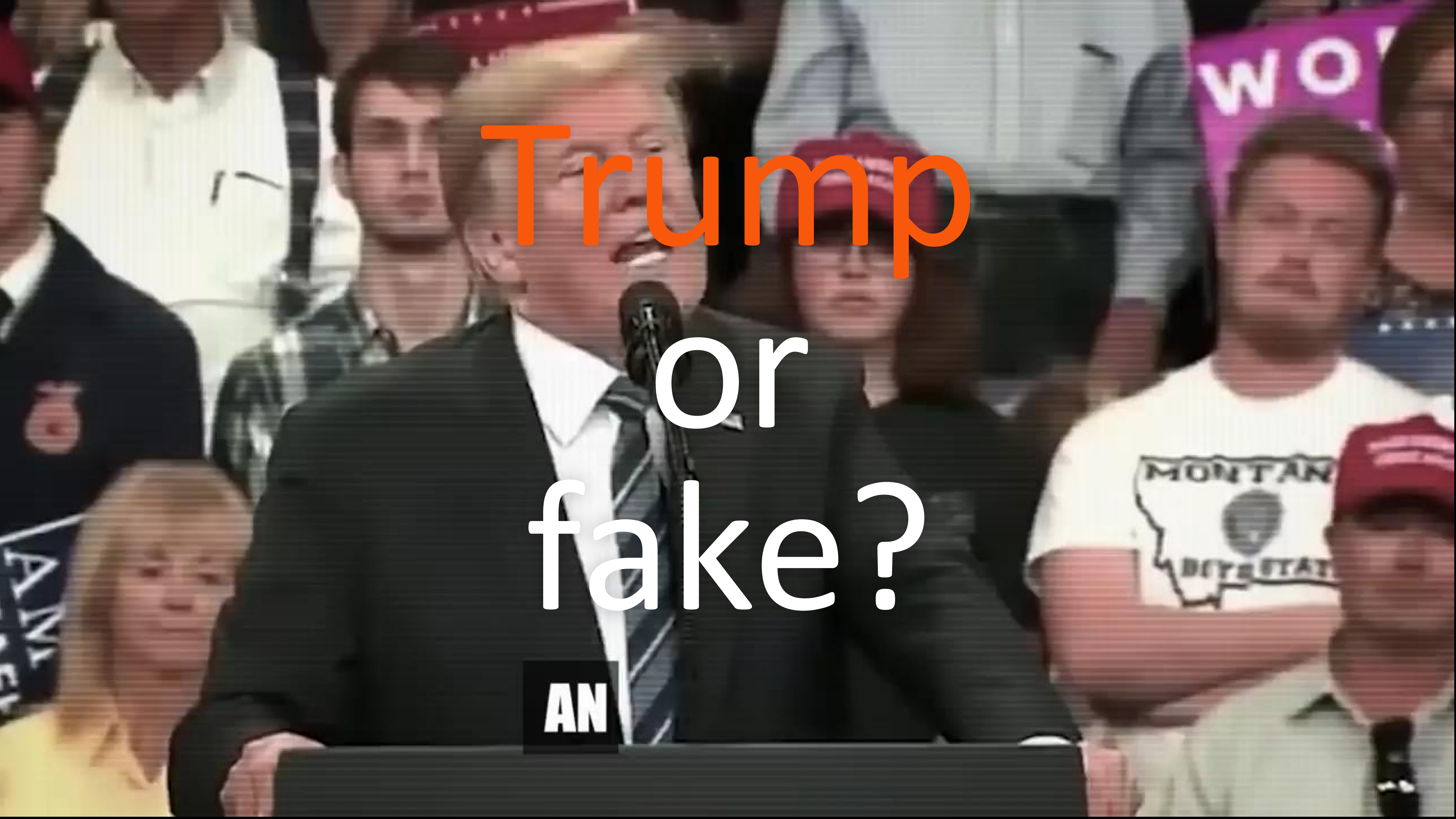


Thordur Arnason
VP Capgemini Invent
AI Futures Lab





Thordur Arnason
VP Capgemini Invent
AI Futures Lab



Trump

or

fake?

AN

This is the
liar's dividend
get used to it.

AI is destabilizing 'the concept of truth itself' in 2024 election

Former president Donald Trump is among a growing cadre of politicians around the world blaming AI for damning photos, videos and audio

By [Pranshu Verma](#) and [Gerrit De Vynck](#)

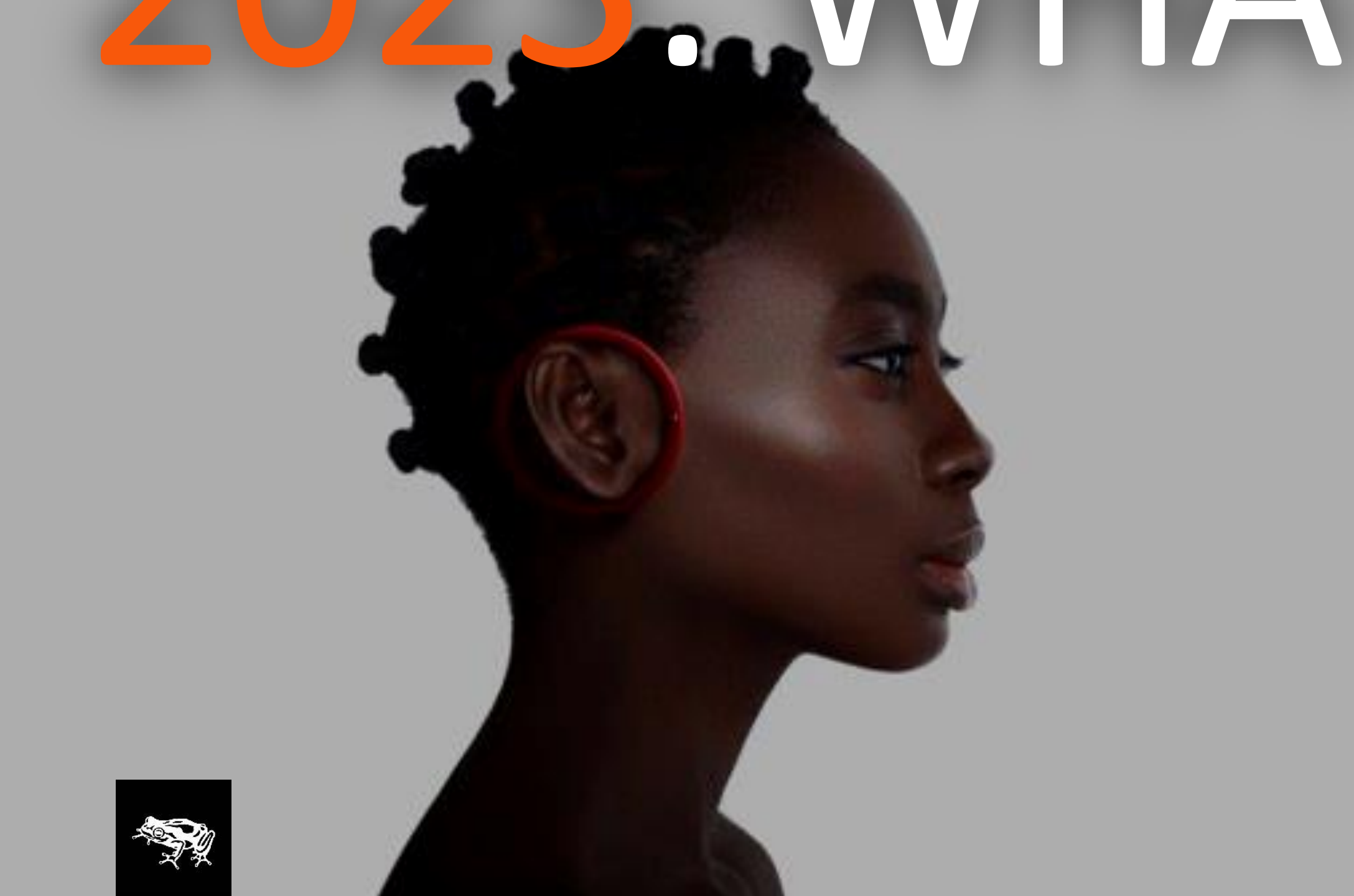
Updated January 22, 2024 at 1:50 p.m. EST | Published January 22, 2024 at 5:31 a.m. EST

“

You Can Have the Blue Pill or the Red Pill, and We're Out of Blue Pills

YUVAL HARARI,
NEW YORK TIMES MARCH 24, 2023

2023. WHAT A CRAZY YEAR



OpenAI releases GPT-4

ChatGPT

Input

Andrew is free from 11 am to 3 pm, Joanne is free from noon to 2 pm and then 3:30 pm to 5 pm. Hannah is available at noon for half an hour, and then 4 pm to 6 pm. What are some options for start times for a 30 minute meeting for Andrew, Hannah, and Joanne?

Output

Here is a list of their availability:

GPT-4

Input

Andrew is free from 11 am to 3 pm, Joanne is free from noon to 2 pm and then 3:30 pm to 5 pm. Hannah is available at noon for half an hour, and then 4 pm to 6 pm. What are some options for start times for a 30 minute meeting for Andrew, Hannah, and Joanne?

Output

Andrew: 11 am - 3 pm

Joanne: 12 pm - 2

GPT-4

And it immediately passes basically every exam. And doesn't just pass...

The Bar Exam: 90%

LSAT: 88%

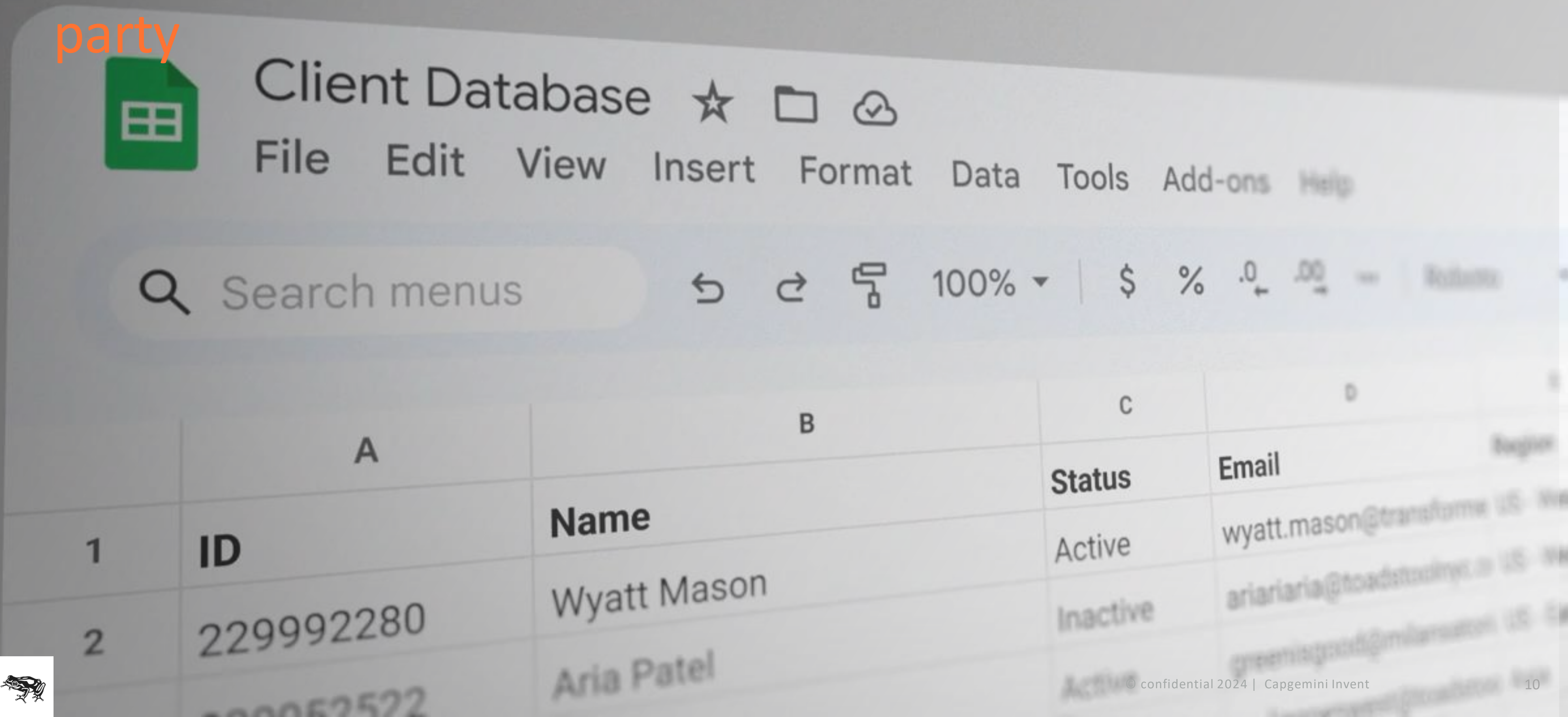
GRE Quantitative: 80%, Verbal: 99%

Every AP, the SAT... even the theory
Sommelier exam with a 77% score

Simulated exams	GPT-4 estimated percentile	GPT-4 (no vision) estimated percentile	GPT-3.5 estimated percentile
Uniform Bar Exam (MBE+MEE+MPT) ¹	298 / 400 -90th	298 / 400 -90th	213 / 400 -10th
LSAT	163 -88th	161 -83rd	149 -40th
SAT Evidence-Based Reading & Writing	710 / 800 -93rd	710 / 800 -93rd	670 / 800 -87th
SAT Math	700 / 800 -89th	690 / 800 -89th	590 / 800 -70th
Graduate Record Examination (GRE) Quantitative	163 / 170 -60th	157 / 170 -62nd	147 / 170 -25th
Graduate Record Examination (GRE) Verbal	169 / 170 -99th	165 / 170 -96th	154 / 170 -63rd
Graduate Record Examination (GRE) Writing	4 / 6 -54th	4 / 6 -54th	4 / 6 -54th
USABO Semifinal Exam 2020	87 / 150 99th - 100th	87 / 150 99th - 100th	43 / 150 31st - 33rd
USNCO Local Section Exam 2022	36 / 60	38 / 60	24 / 60
Medical Knowledge Self-Assessment Program	75 %	75 %	53 %
Codeforces Rating	392 below 5th	392 below 5th	260 below 5th
AP Art History	5 86th - 100th	5 86th - 100th	5 86th - 100th
AP Biology	5 85th - 100th	5 85th - 100th	4 82nd - 85th
AP Calculus BC	4 43rd - 59th	4 43rd - 59th	1 0th - 7th
AP Chemistry	4 71st - 88th	4 71st - 88th	2 22nd - 46th
AP English Language and Composition	2 14th - 44th	2 14th - 44th	2 14th - 44th
AP English Literature and Composition	2 8th - 22nd	2 8th - 22nd	2 8th - 22nd
AP Environmental Science	5 91st - 100th	5 91st - 100th	5 91st - 100th
AP Macroeconomics	5 84th - 100th	5 84th - 100th	2 33rd - 48th
AP Microeconomics	5 82nd - 100th	4 60th - 82nd	4 60th - 82nd
AP Physics 2	4 66th - 84th	4 66th - 84th	3 30th - 60th
AP Psychology	5 83rd - 100th	5 83rd - 100th	5 83rd - 100th
AP Statistics	5 85th - 100th	5 85th - 100th	3 40th - 63rd
AP US Government	5 88th - 100th	5 88th - 100th	4 77th - 88th
AP US History	5 89th - 100th	4 74th - 89th	4 74th - 89th
AP World History	4 65th - 87th	4 65th - 87th	4 65th - 87th
AMC 10	30 / 150 6th - 12th	36 / 150 10th - 19th	36 / 150 10th - 19th
AMC 12	60 / 150 45th - 66th	48 / 150 19th - 40th	30 / 150 4th - 6th
Intro Sommelier (theory knowledge)	92 %	92 %	80 %
Certified Sommelier (theory knowledge)	86 %	86 %	58 %
Advanced Sommelier (theory knowledge)	77 %	77 %	46 %
Leetcode (easy)	31 / 41	31 / 41	12 / 41
Leetcode (medium)	21 / 80	21 / 80	8 / 80
Leetcode (hard)	3 / 45	3 / 45	0 / 45

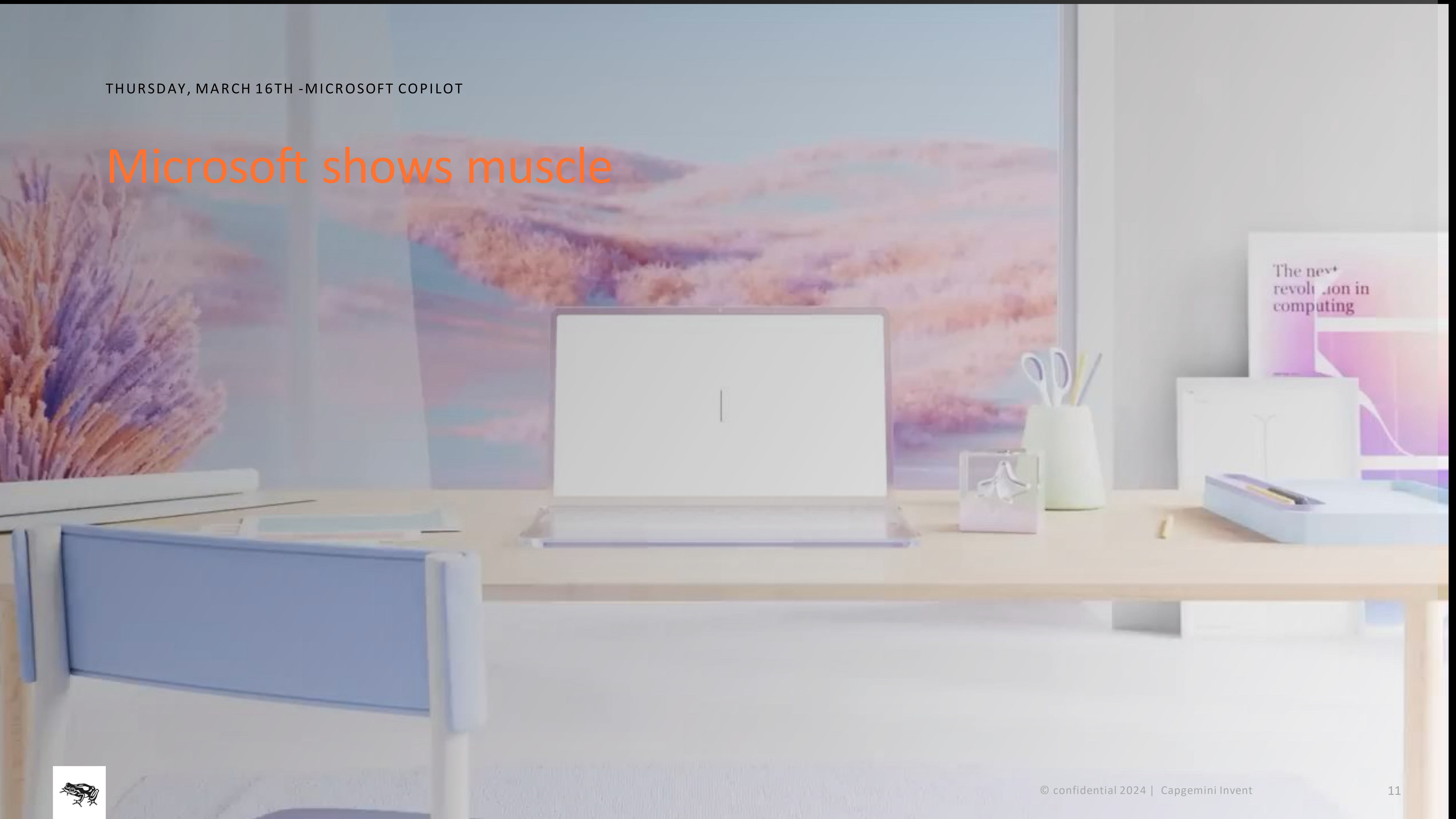


Google leaps not to be late to the party



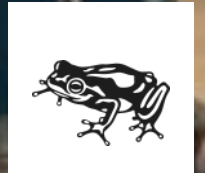
THURSDAY, MARCH 16TH - MICROSOFT COPILOT

Microsoft shows muscle



THURSDAY EVENING, MARCH 16TH MIDJOURNEY V5

Midjourney erases the boundary between generated and real



META CONNECTS THE WORLD EVEN MORE WITH NO LANGUAGE BARRIERS

SeamlessM4T

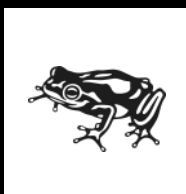
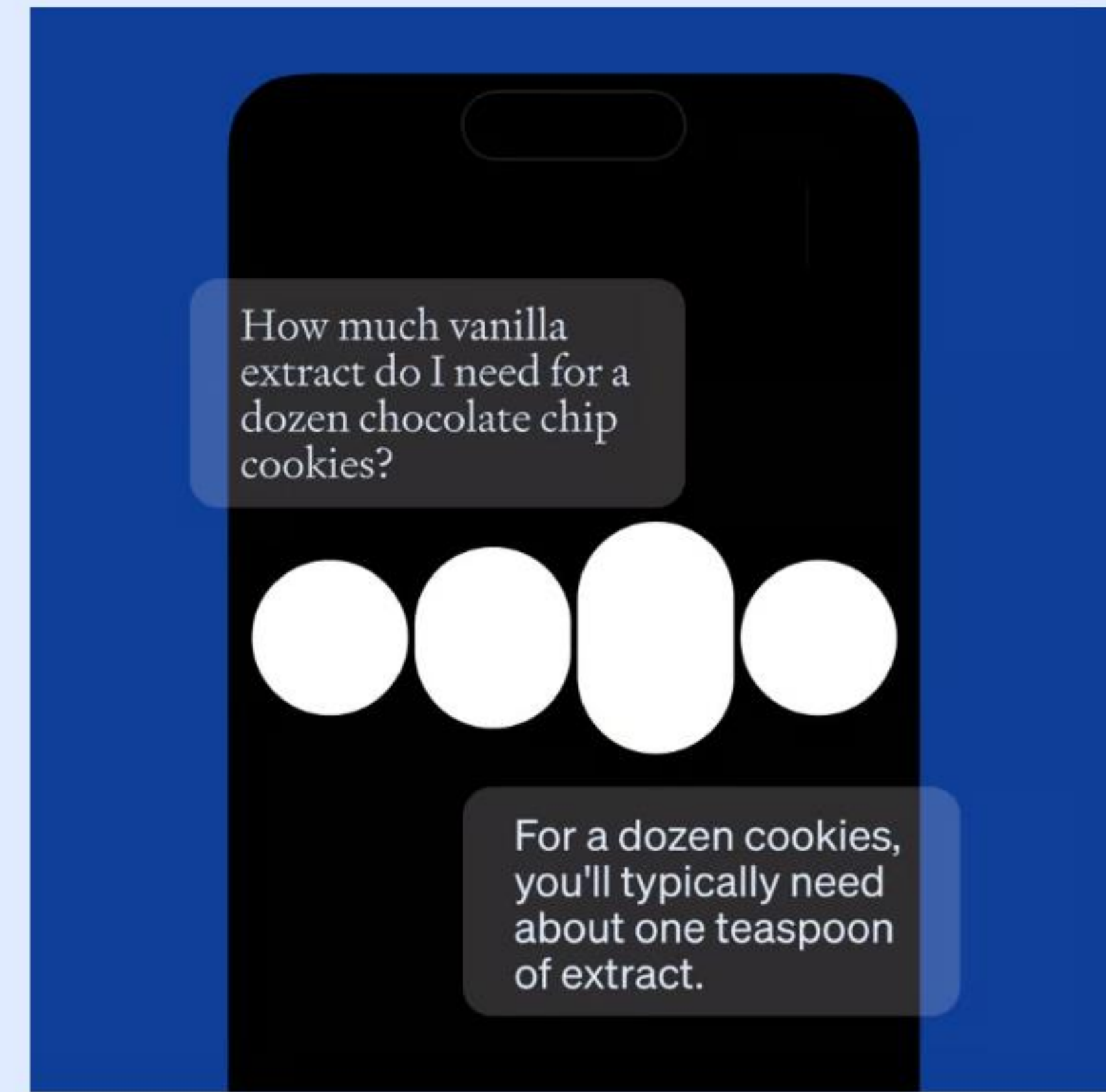
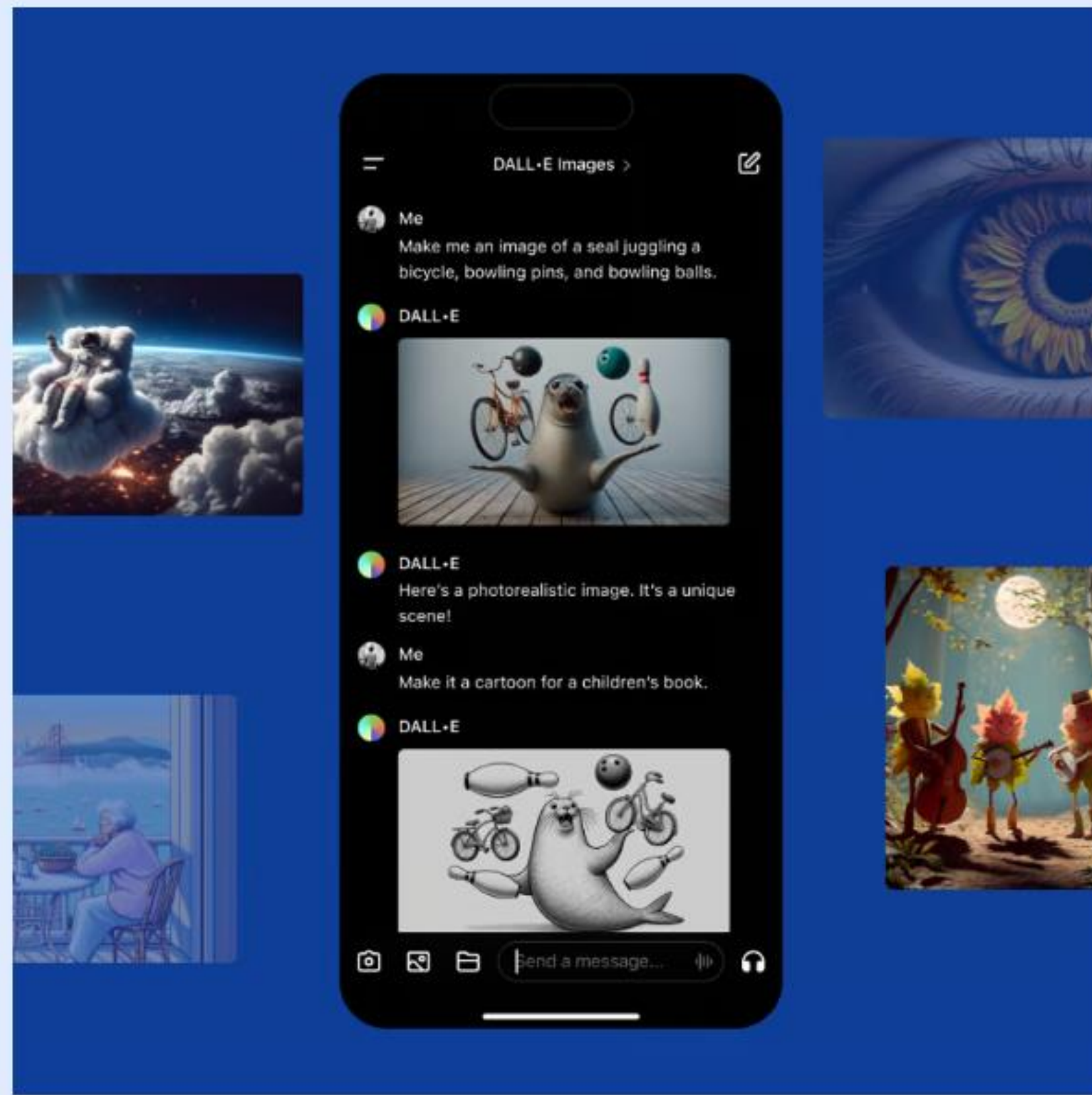
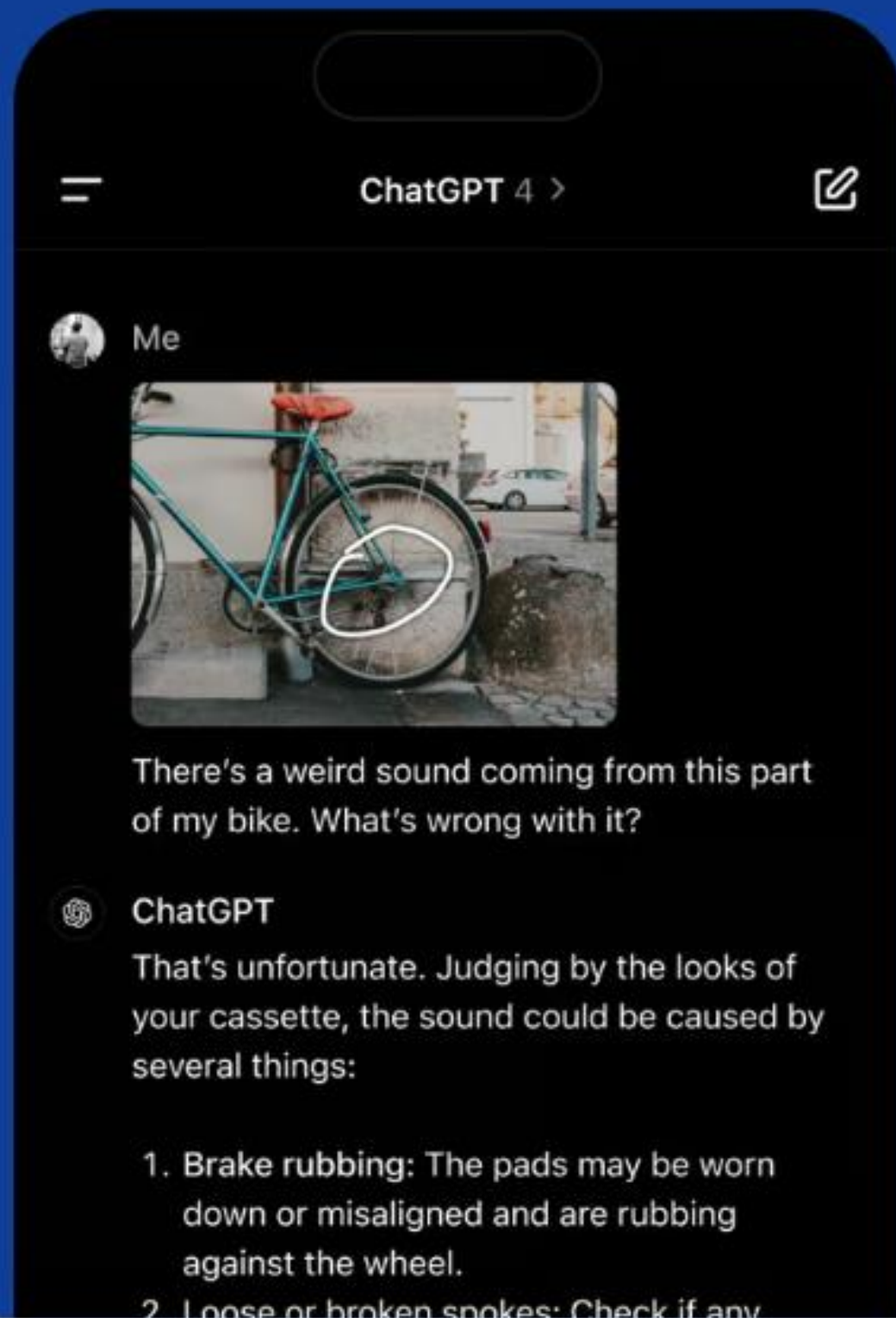
Speech-to-speech translation

MODEL INPUT

MODEL OUTPUT



CHATGPT CAN SEE, HEAR AND SPEAK



NOVEMBER 2023 – GPTS

YOUR OWN CHATGPT



https://www.linkedin.com/posts/thordur_chatgpt-ai-act-classifier-activity-7155465870389981185-nNgv

YOUR OWN LARGE LANGUAGE MODEL, ON YOUR LAPTOP



THAT'S ME!

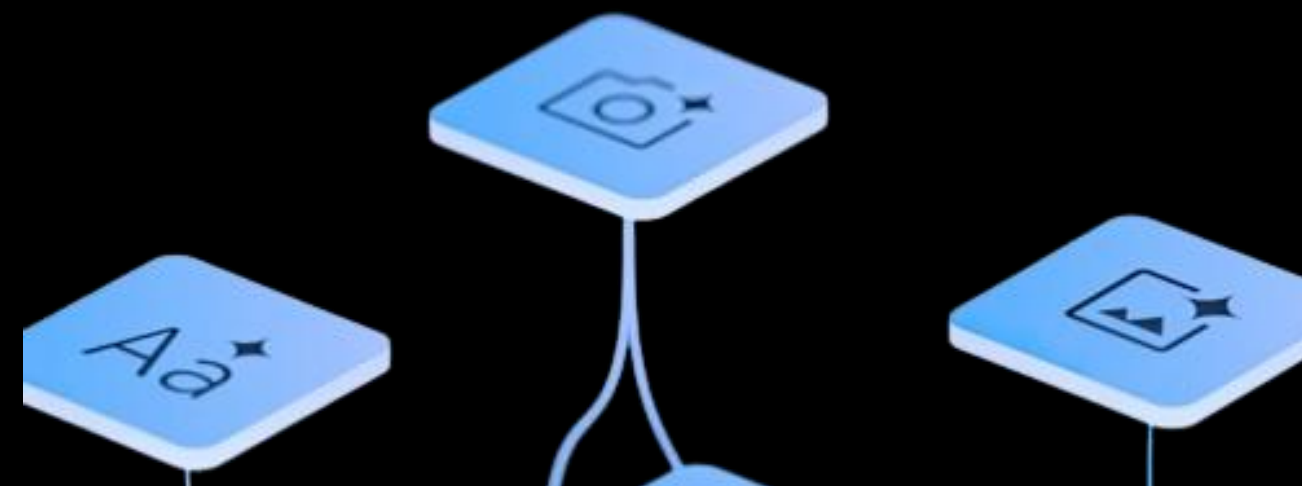
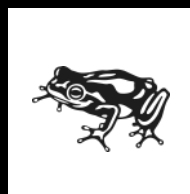


DECEMBER 2023 – GEMINI NANO

YOUR OWN
LARGE LANGUAGE MODEL,
IN YOUR POCKET.



Gemini





2023. INNOVATION.

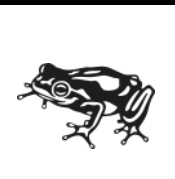
2024. IMPLEMENTATION.



Microsoft & Google call it
General
Productivity
Tools
at scale



In reality they are
General
Purpose
Technologies
in their nature



For
everyone ,
everywhere,
all at once

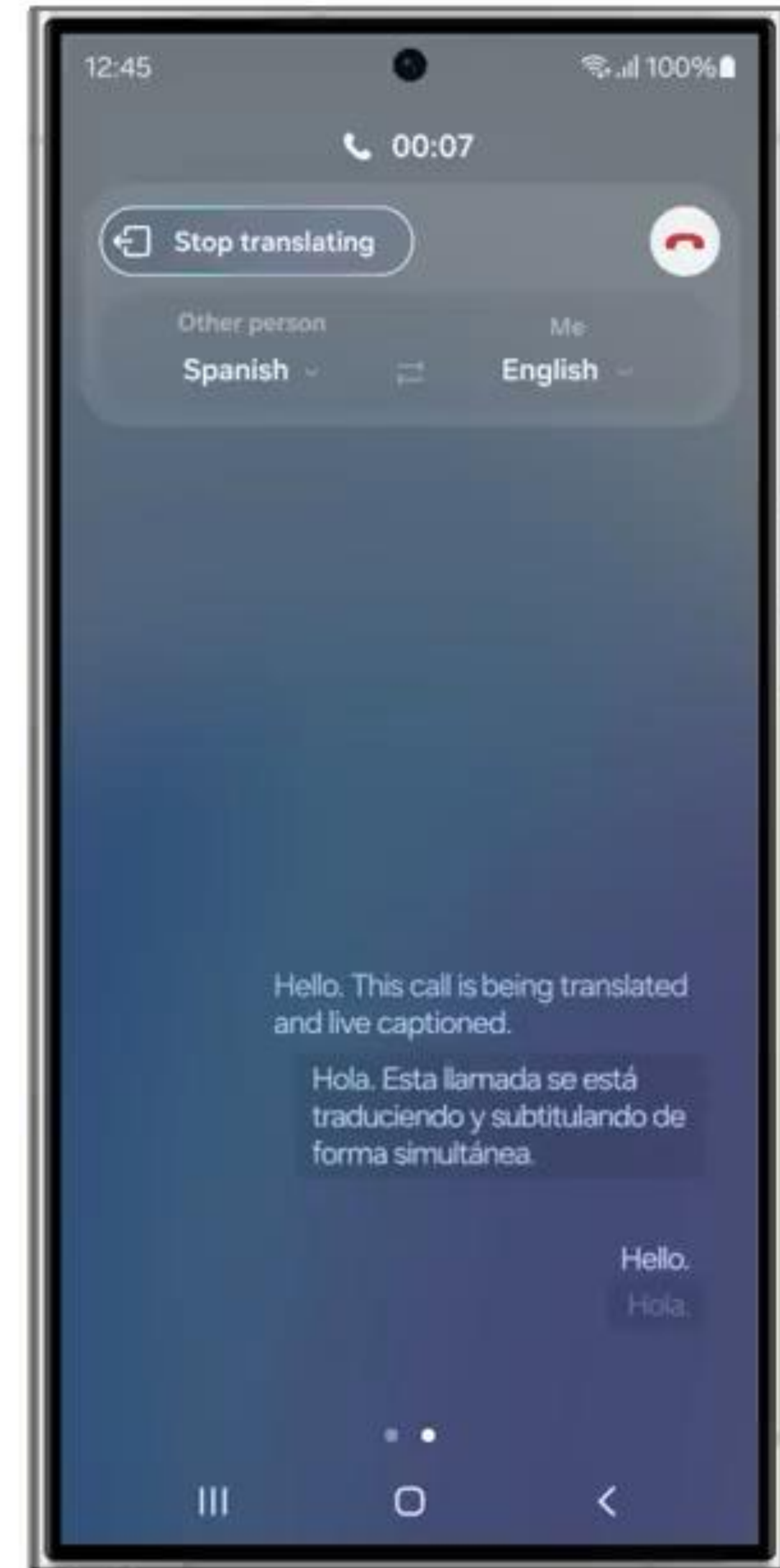


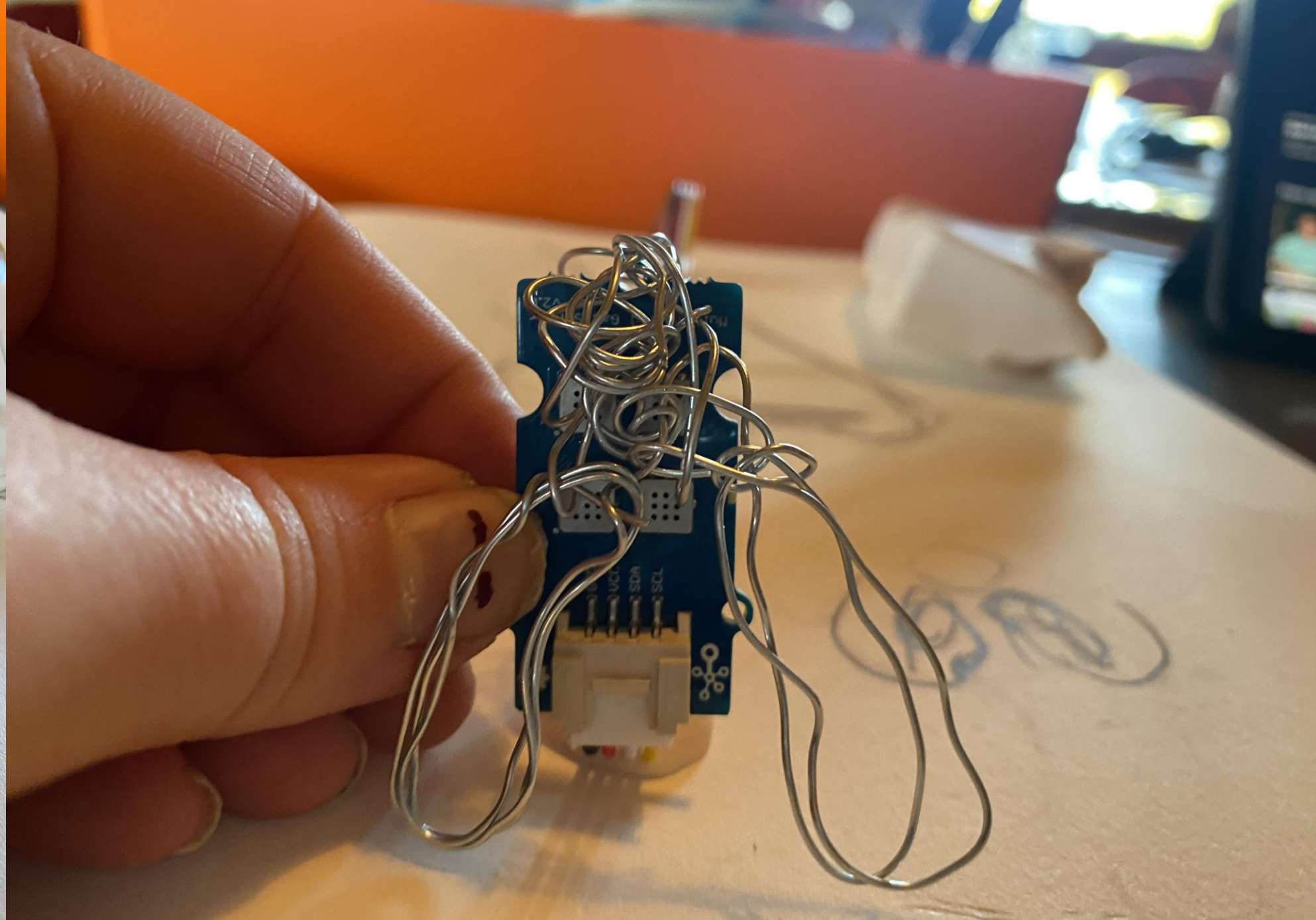
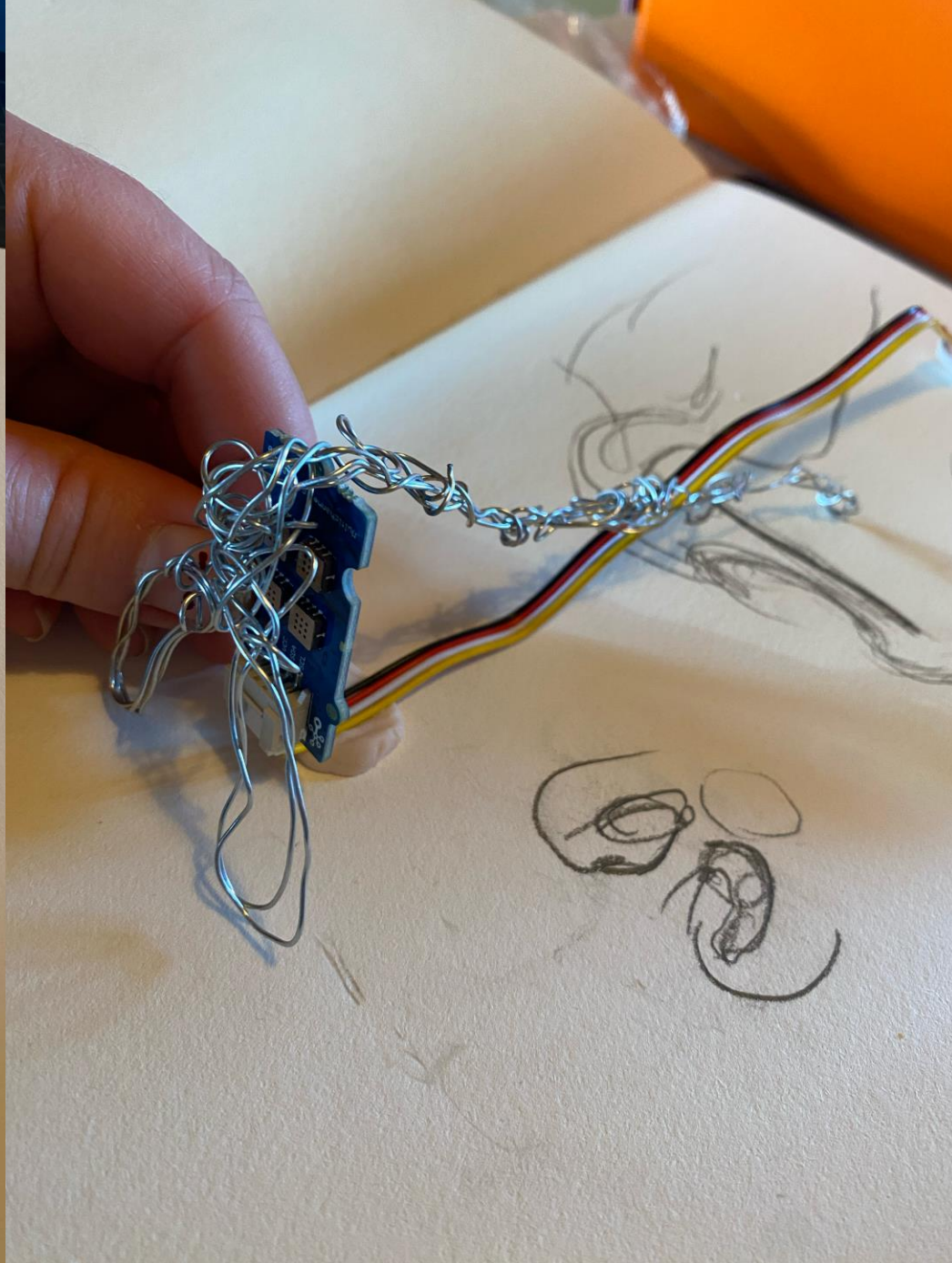
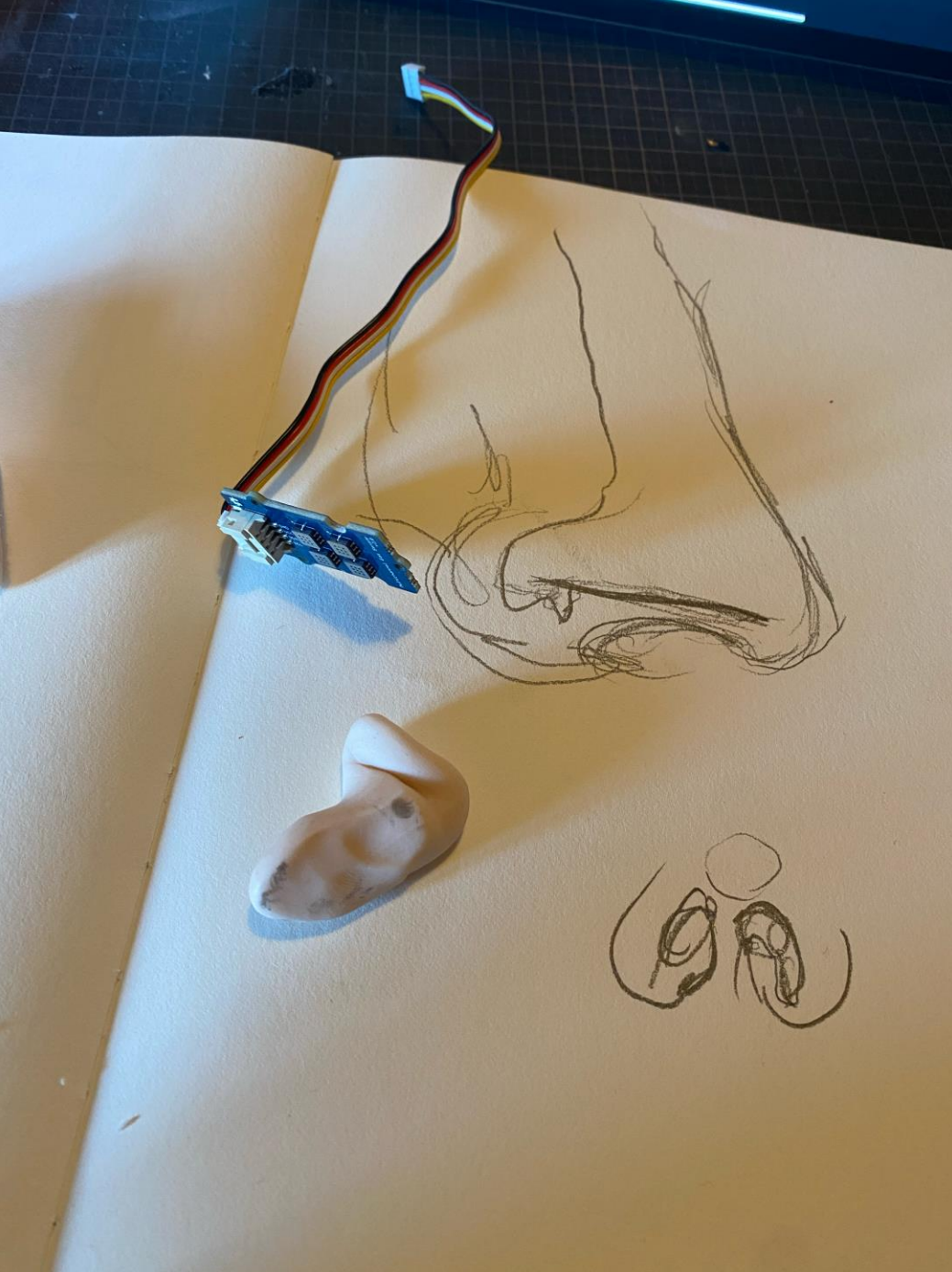
Evolving Capabilities





Samsung s24 Ultra







597
Grape



81
Woody



780
Floral




216
Saffron



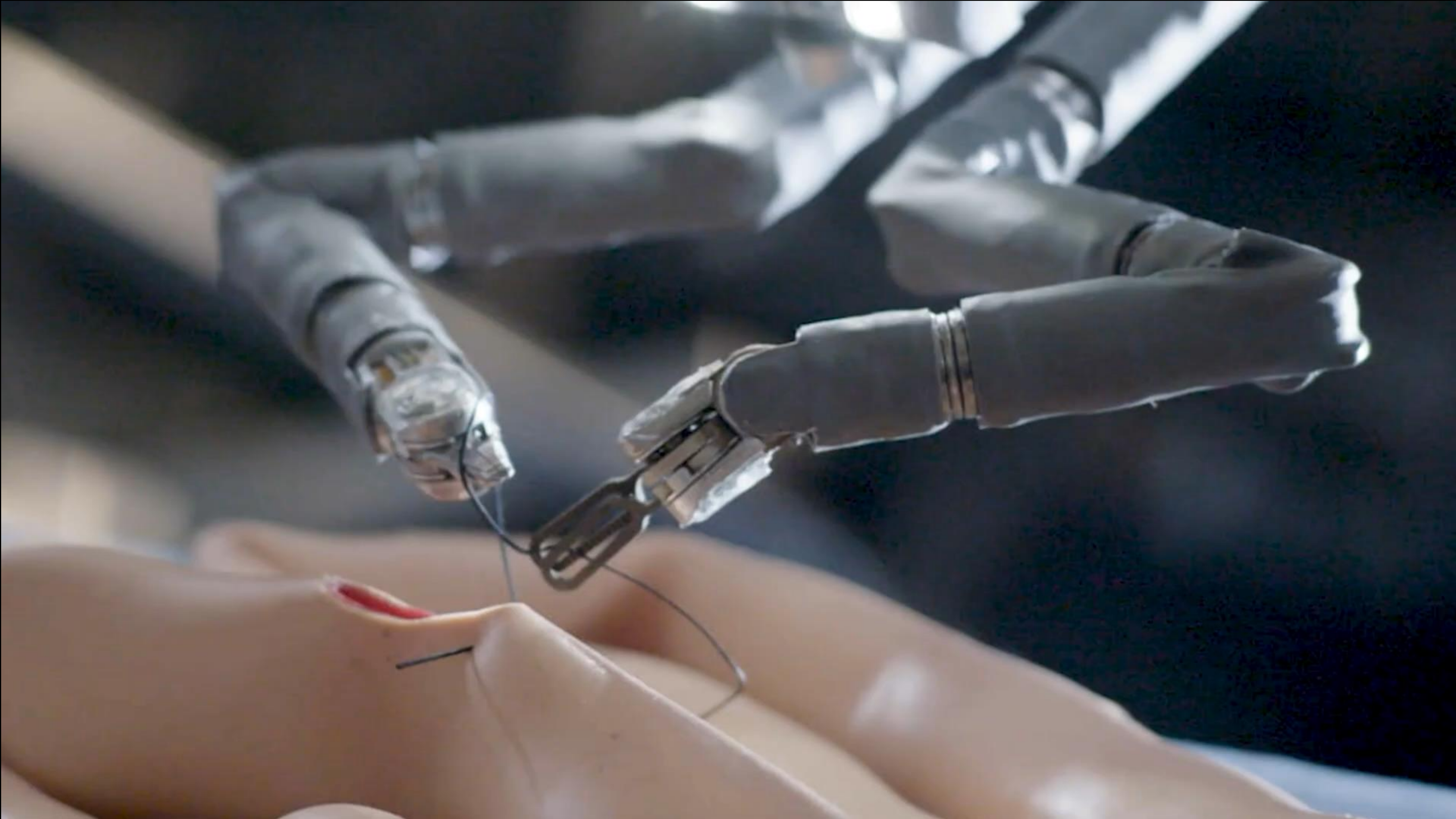


Nvidia et. al Eureka



Robotics @ Google

Vision - Language - Action



● 1X END-TO-END AUTONOMY
UPDATE, JAN 2024



1X You new colleague



The integration of Large Language Models (LLMs) could significantly enhance task efficiency, impacting about

56%

of tasks. This major change highlights the urgency for businesses to adopt these advanced technologies to remain competitive.



Affects **more than half**
of our daily tasks

Double digit **productivity gains** on most
jobs

Significant gains in **training & upskilling**



A man in a dark suit and light-colored shirt is speaking at a conference. He is wearing a headset microphone and holding a smartphone in his right hand. The background is a large screen displaying financial data and charts. The text "November, 2023" is overlaid on the left side of the image.

November, 2023

"We will get rid of everything that is boring. From here on out, we're just going to have fun."

— Nikolai Tangen,
The Government Pension Fund Global CEO

We are on a sharp trajectory of
falling costs and
rising capabilities

Thank you.

Thordur Arnason
Vice President
Capgemini Invent
Capgemini AI futures Lab

