KI Update 2024

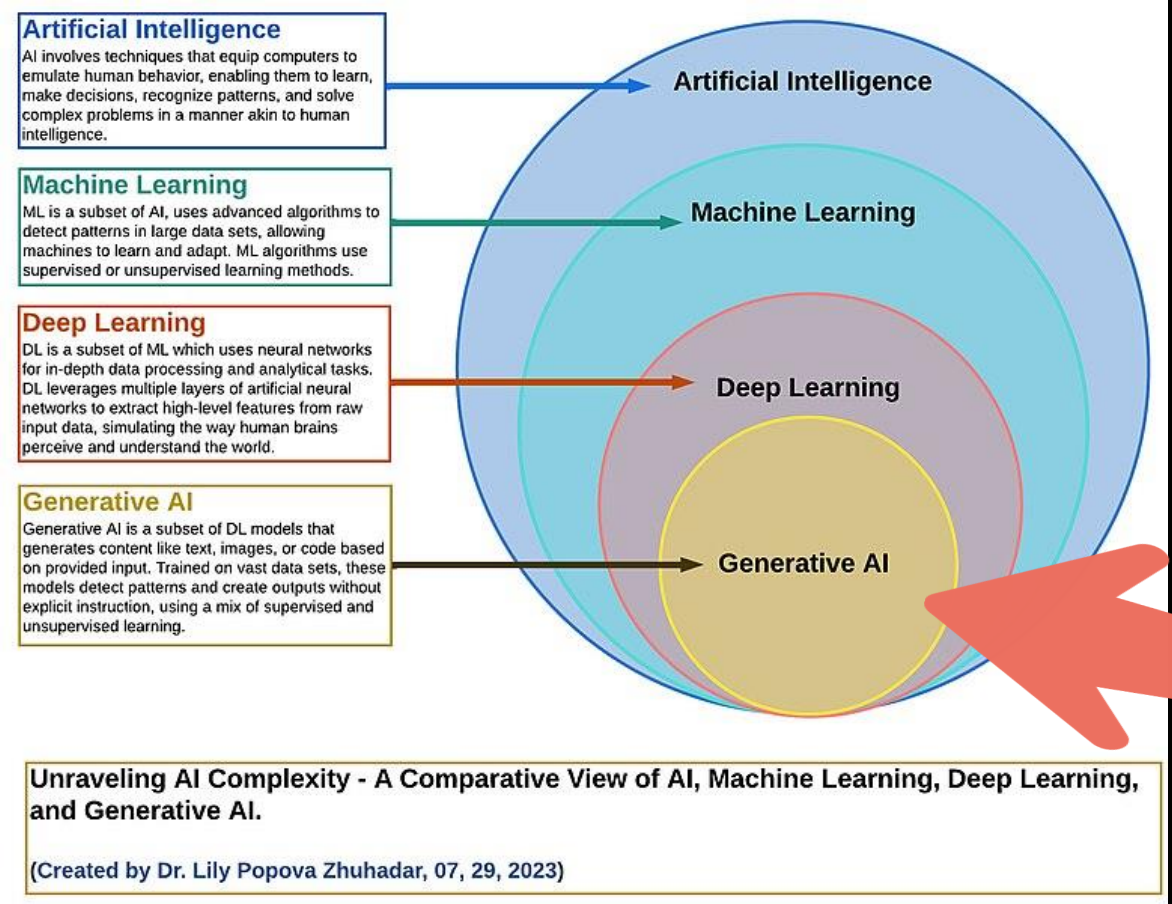
HOTEL & GASTRO UNION
Die Arbeitnehmerorganisation

Künstliche Intelligenz betrifft uns alle...

Schweizer Floristenverband
3. September 2024
Jordan Kestle

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation

Das Jahr 2024 markiert den Beginn der strategischen KI-Planung in Organisationen und legt den Grundstein für einen pragmatischen und integrativen Ansatz für künstliche Intelligenz, der 2025 umgesetzt werden soll.



Artificial Intelligence

AI involves techniques that equip computers to emulate human behavior, enabling them to learn, make decisions, recognize patterns, and solve complex problems in a manner akin to human intelligence.

Machine Learning

ML is a subset of AI, uses advanced algorithms to detect patterns in large data sets, allowing machines to learn and adapt. ML algorithms use supervised or unsupervised learning methods.

Deep Learning

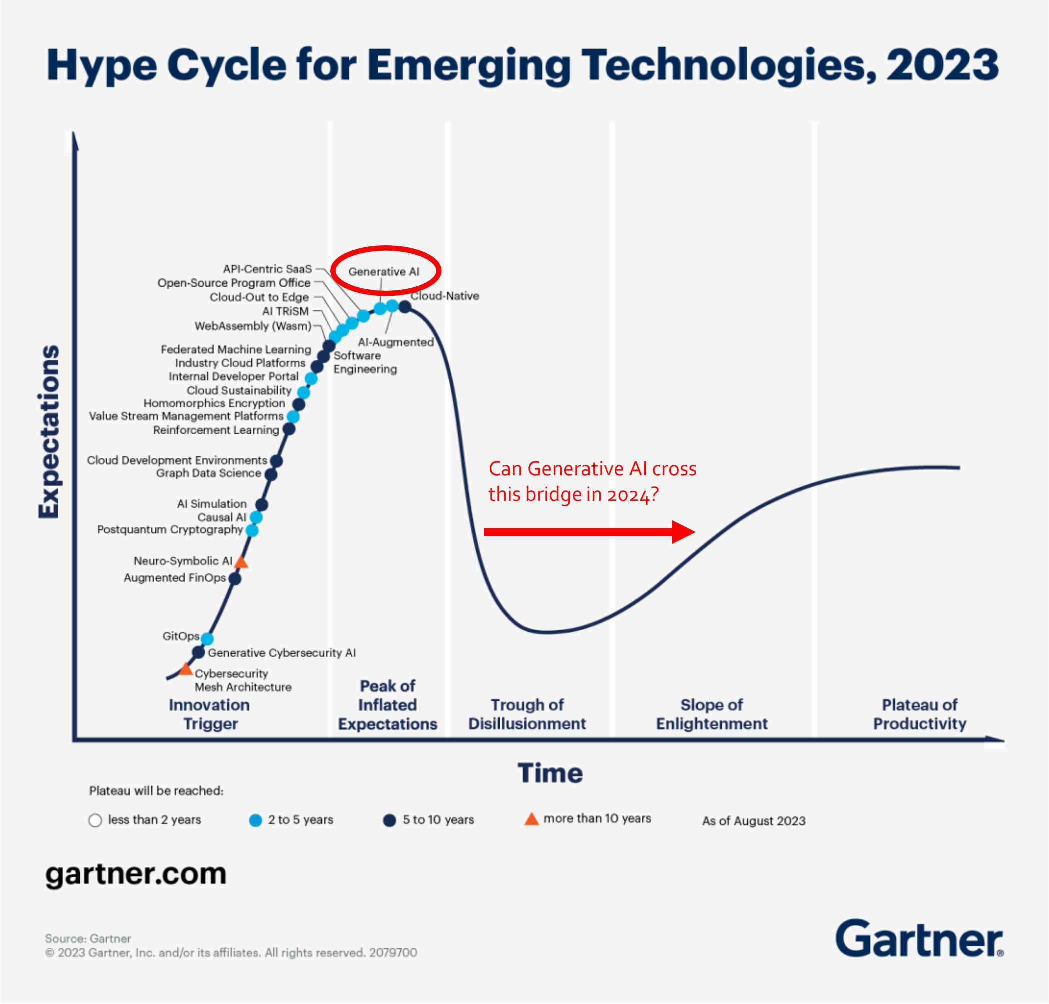
DL is a subset of ML which uses neural networks for in-depth data processing and analytical tasks. DL leverages multiple layers of artificial neural networks to extract high-level features from raw input data, simulating the way human brains perceive and understand the world.

Generative AI

Generative AI is a subset of DL models that generates content like text, images, or code based on provided input. Trained on vast data sets, these models detect patterns and create outputs without explicit instruction, using a mix of supervised and unsupervised learning.

Unraveling AI Complexity - A Comparative View of AI, Machine Learning, Deep Learning, and Generative AI.

(Created by Dr. Lily Popova Zhuhadar, 07, 29, 2023)



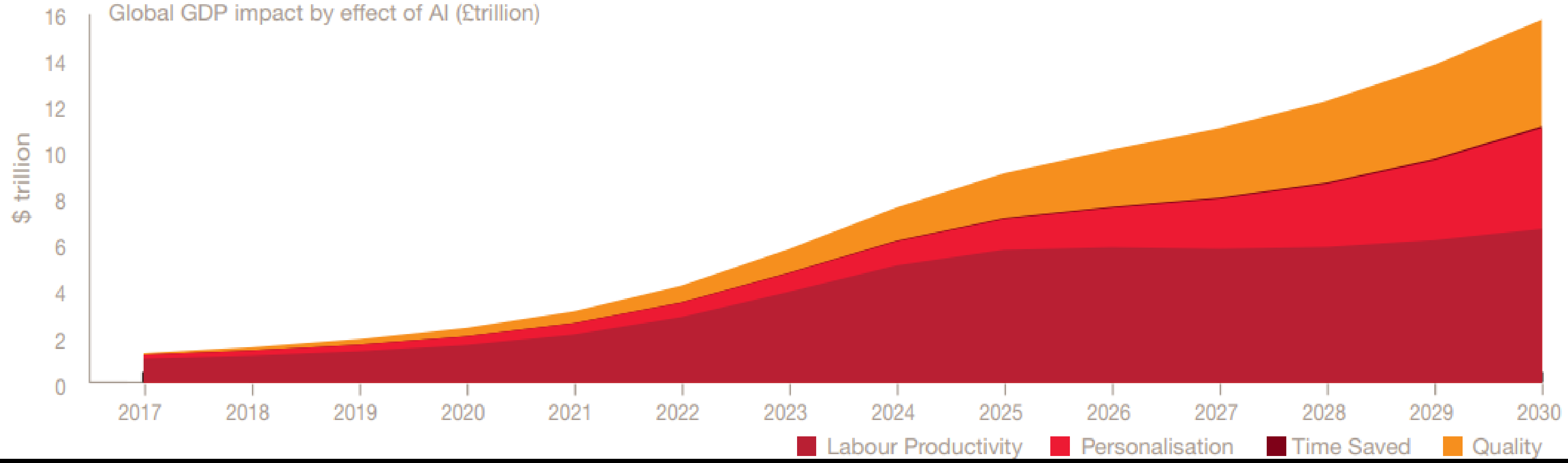
Hype Cycle for Emerging Technologies, 2023

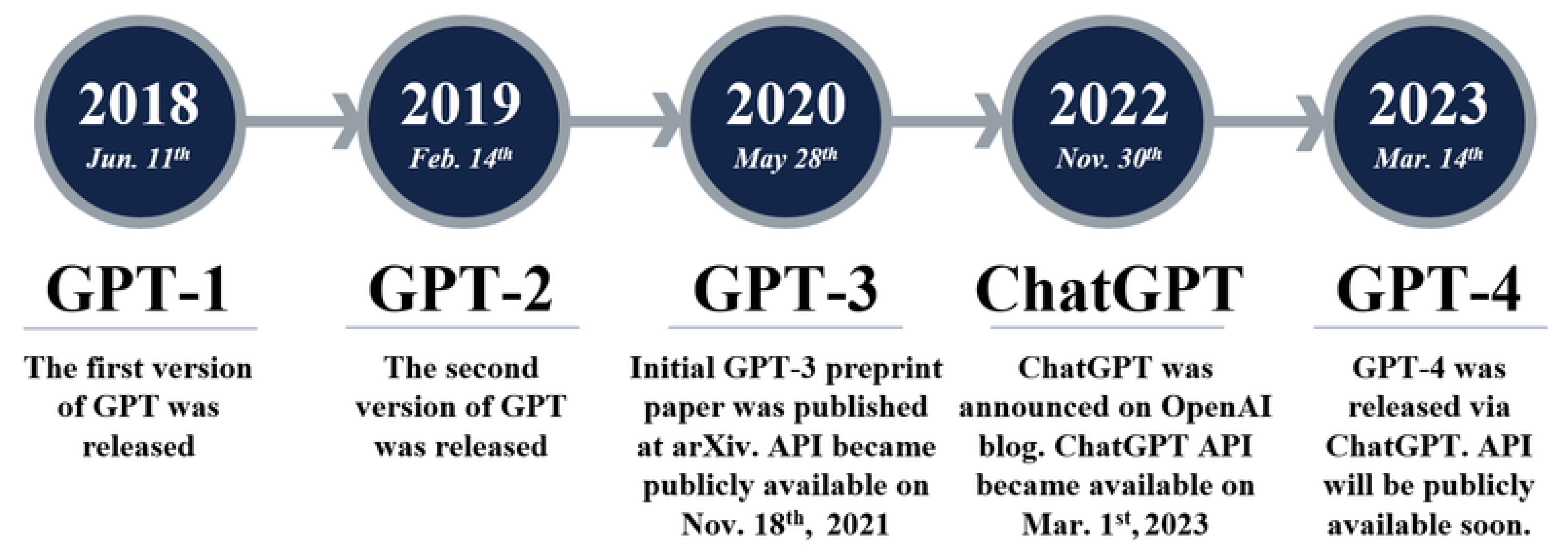
Can Generative AI cross this bridge in 2024?

Source: Gartner

© 2023 Gartner, Inc. and/or its affiliates. All rights reserved. 2079700

Figure 1: Where will the value gains come from with AI?





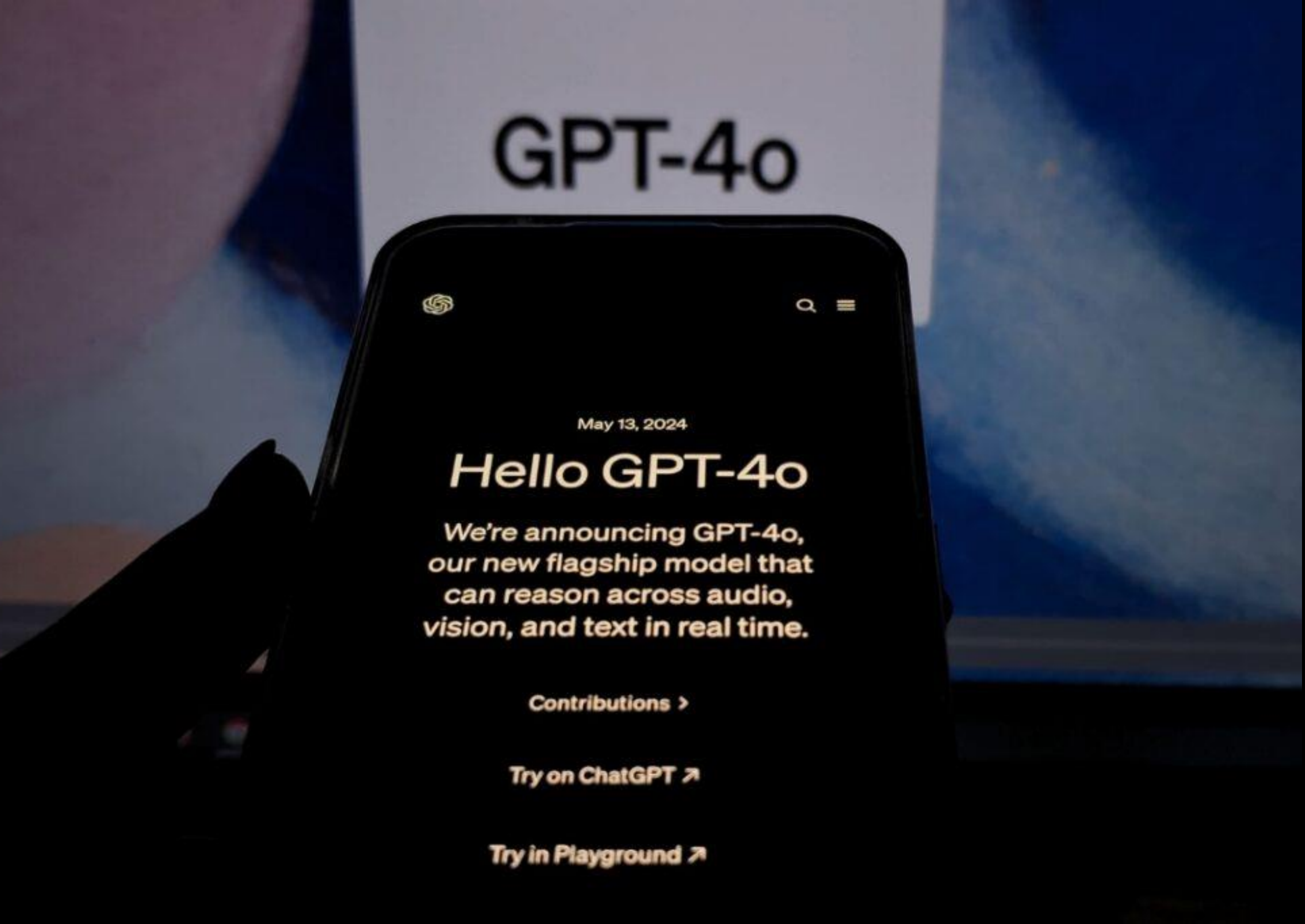
2018
Jun. 11th
GPT-1
The first version of GPT was released

2019
Feb. 14th
GPT-2
The second version of GPT was released

2020
May 28th
GPT-3
Initial GPT-3 preprint paper was published at arXiv. API became publicly available on Nov. 18th, 2021

2022
Nov. 30th
ChatGPT
ChatGPT was announced on OpenAI blog. ChatGPT API became available on Mar. 1st, 2023

2023
Mar. 14th
GPT-4
GPT-4 was released via ChatGPT. API will be publicly available soon.



May 13, 2024

Hello GPT-4o

We're announcing GPT-4o, our new flagship model that can reason across audio, vision, and text in real time.

Contributions >

Try on ChatGPT ↗

Try in Playground ↗

OpenAI

GPT-5

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation

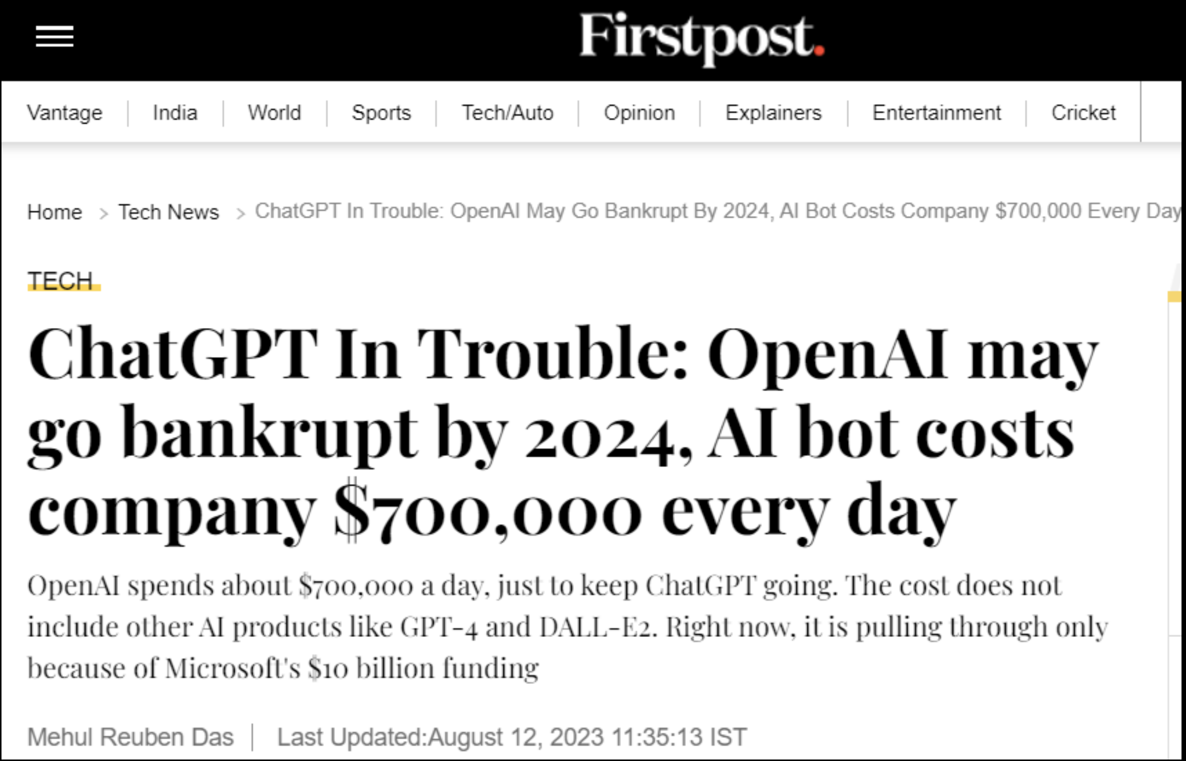
Generative.

Pre-trained.

Transformer.

= GPT

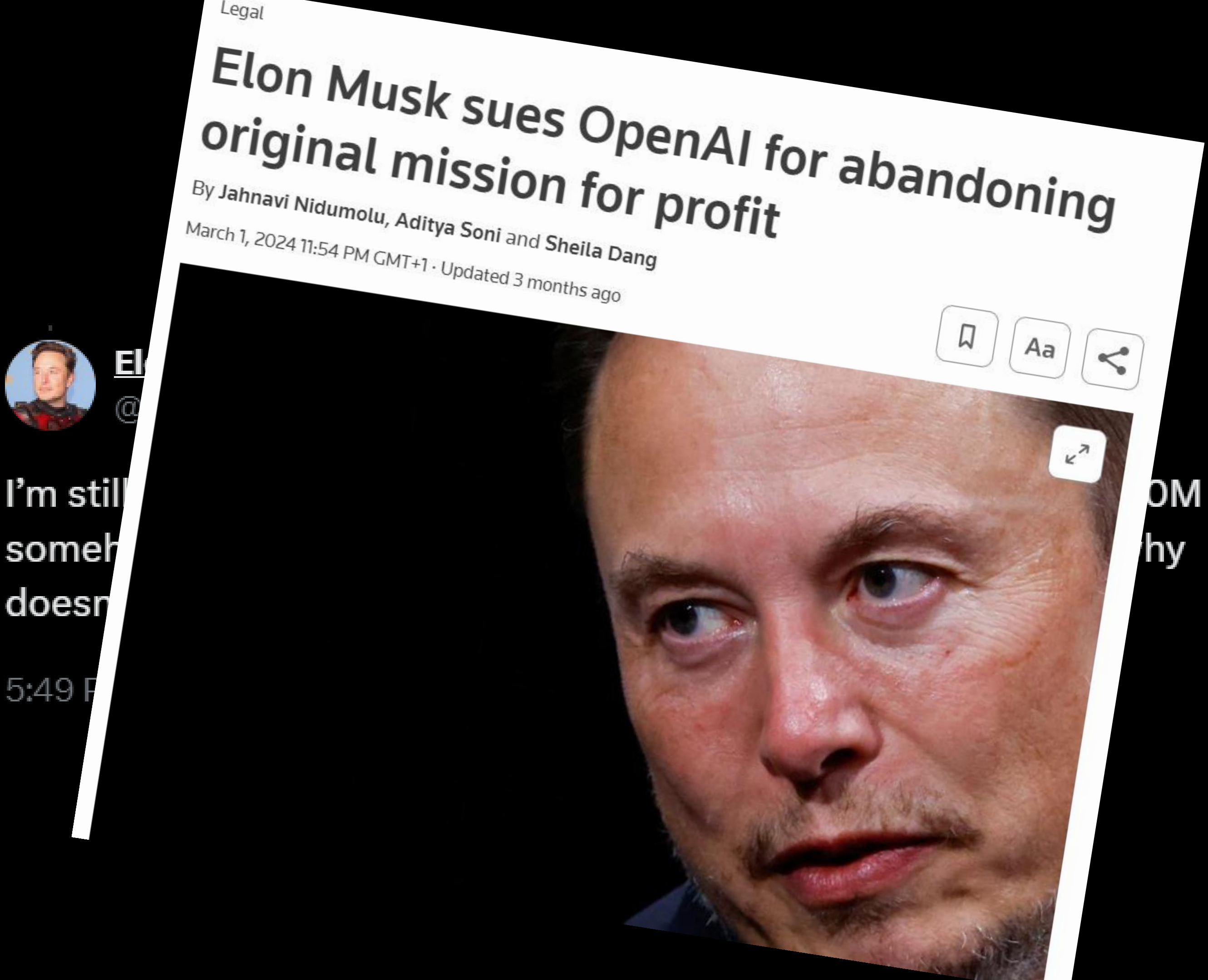
ChatGPT ≠ GPT


Firstpost.
Vantage
India
World
Sports
Tech/Auto
Opinion
Explainers
Entertainment
Cricket
Home
Tech News
ChatGPT In Trouble: OpenAI May Go Bankrupt By 2024, AI Bot Costs Company $700,000 Every Day
TECH

ChatGPT In Trouble: OpenAI may go bankrupt by 2024, AI bot costs company $700,000 every day

OpenAI spends about $700,000 a day, just to keep ChatGPT going. The cost does not include other AI products like GPT-4 and DALL-E2. Right now, it is pulling through only because of Microsoft's $10 billion funding

Mehul Reuben Das | Last Updated:August 12, 2023 11:35:13 IST



Legal

Elon Musk sues OpenAI for abandoning original mission for profit

By **Jahnavi Nidumolu**, **Aditya Soni** and **Sheila Dang**

March 1, 2024 11:54 PM GMT+1 · Updated 3 months ago

El

@

I'm still

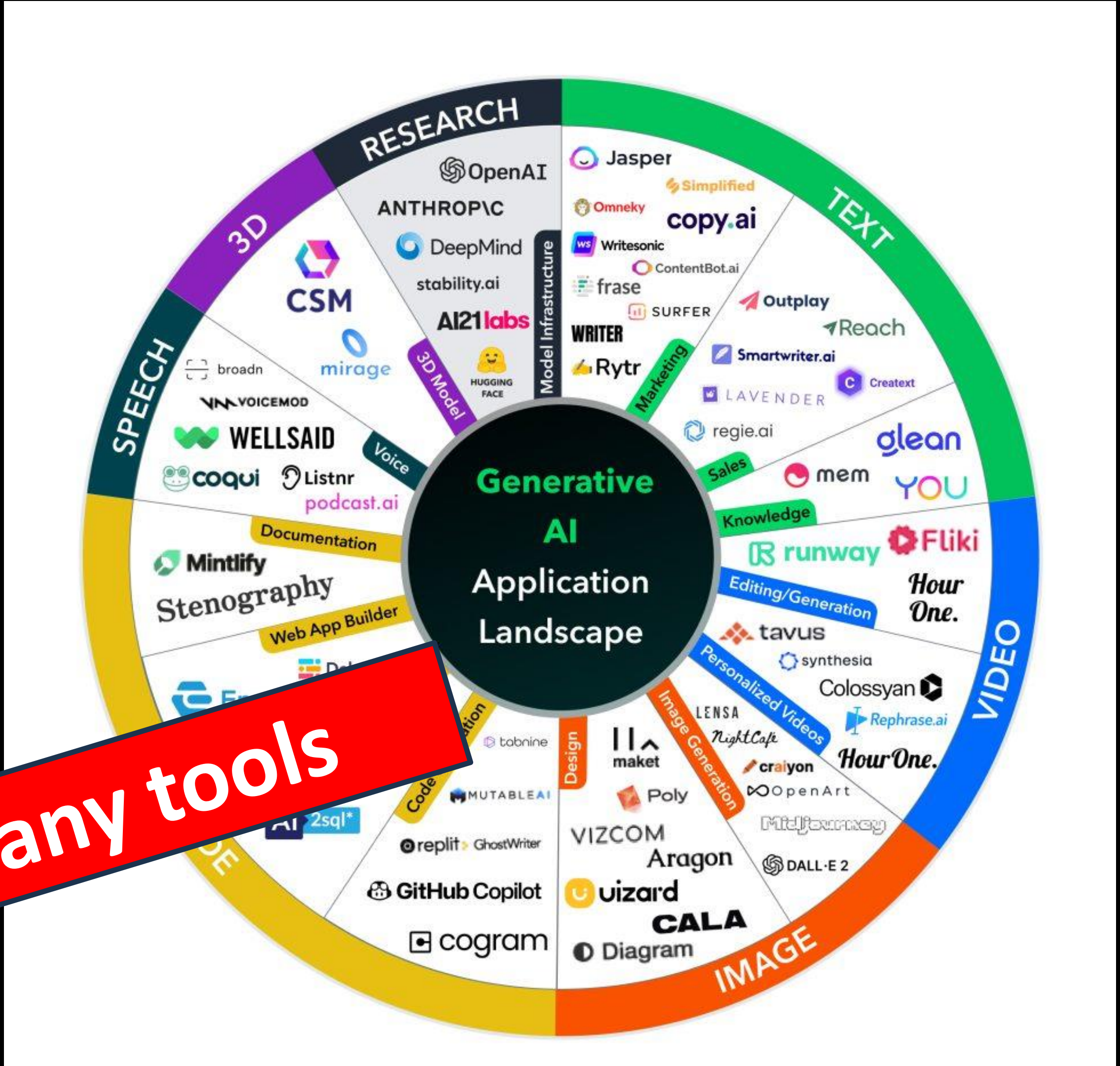
OM

someh

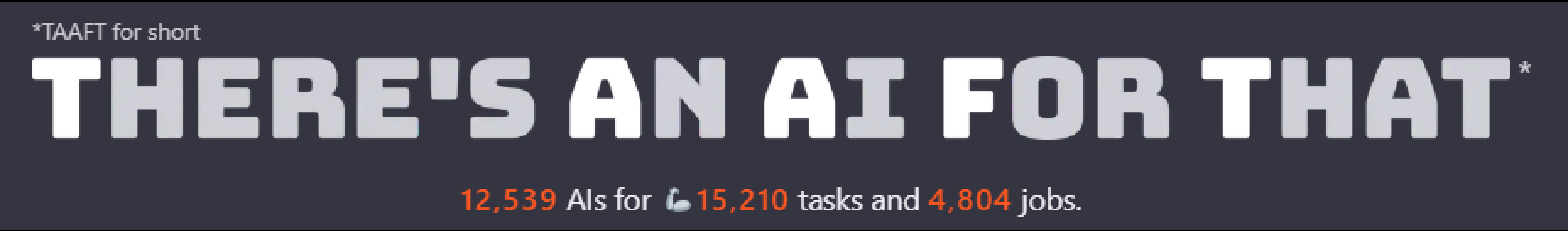
hy

doesn

5:49 F


Generative AI Application Landscape
RESEARCH
OpenAI
ANTHROP\C
DeepMind
stability.ai
AI21labs
HUGGING FACE
Model Infrastructure
3D Model
3D
CSM
mirage
SPEECH
broadn
VOICEMOD
WELLSAID
coqui
Listnr
podcast.ai
Voice
TEXT
Jasper
Simplified
Omneky
copy.ai
Writesonic
ContentBot.ai
frase
SURFER
WRITER
Rytr
Marketing
Outplay
Reach
Smartwriter.ai
LAVENDER
Creatext
regie.ai
Sales
glean
mem
YOU
Knowledge
VIDEO
runway
Fliki
Hour One.
Editing/Generation
tavus
synthesia
Colossyan
Rephrase.ai
Hour One.
Personalized Videos
IMAGE
LENSA
NightCafe
craiyon
OpenArt
Midjourney
DALL·E 2
Image Generation
maket
Poly
VIZCOM
Aragon
uizard
CALA
Diagram
Design
Documentation
Mintlify
Stenography
Web App Builder
tabnine
MUTABLEAI
AI2sql*
replit
GhostWriter
GitHub Copilot
cogram
Code

too many tools



*TAAFT for short

THERE'S AN AI FOR THAT*

12,539 AIs for 💪15,210 tasks and 4,804 jobs.

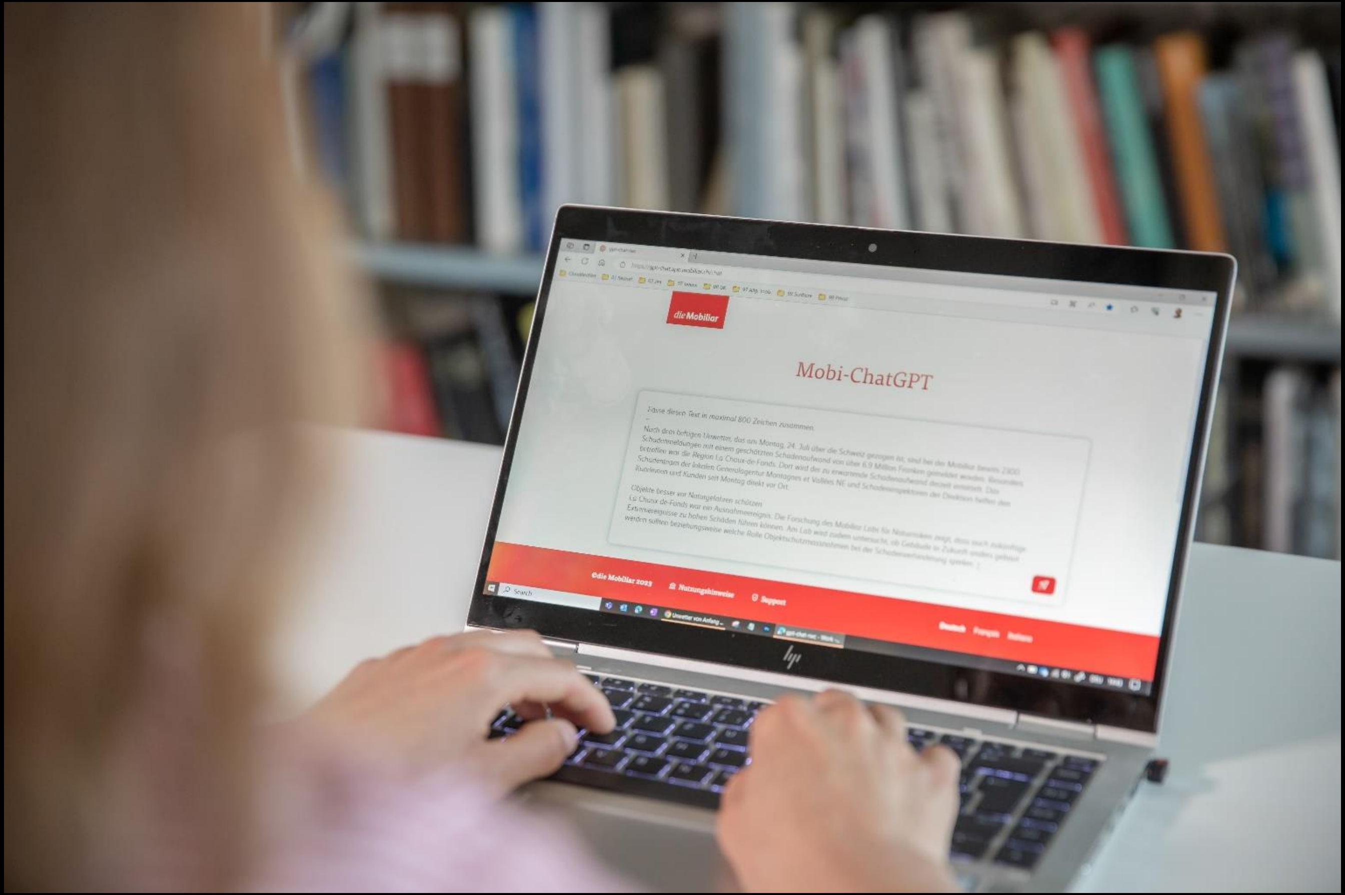
Floristen, die verstehen, wie man KI-Tools einsetzt, um effizienter effektiver zu arbeiten, werden wertvoller denn je. Diejenigen, die sich nicht weiterbilden, könnten sich in einer schwierigeren Situation wiederfinden.

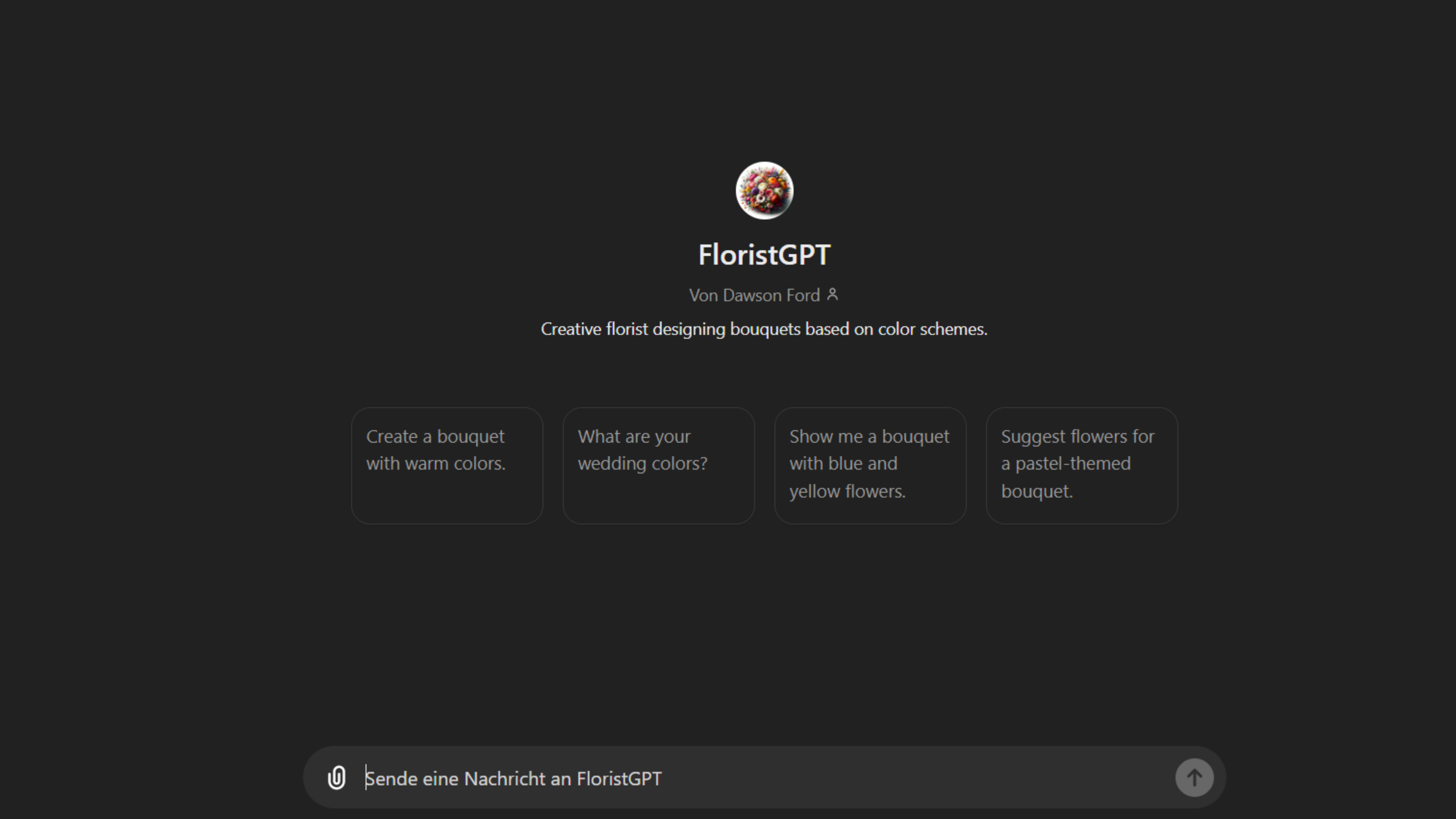
Hyper Personalisation (Marketing)

Employee Experience (EX)

Operations / Lagerverwaltung

Customer Experience


die Mobiliar
Mobi-ChatGPT
Fasse diesen Text in maximal 800 Zeichen zusammen
©die Mobiliar 2023
Nutzungshinweise
Support

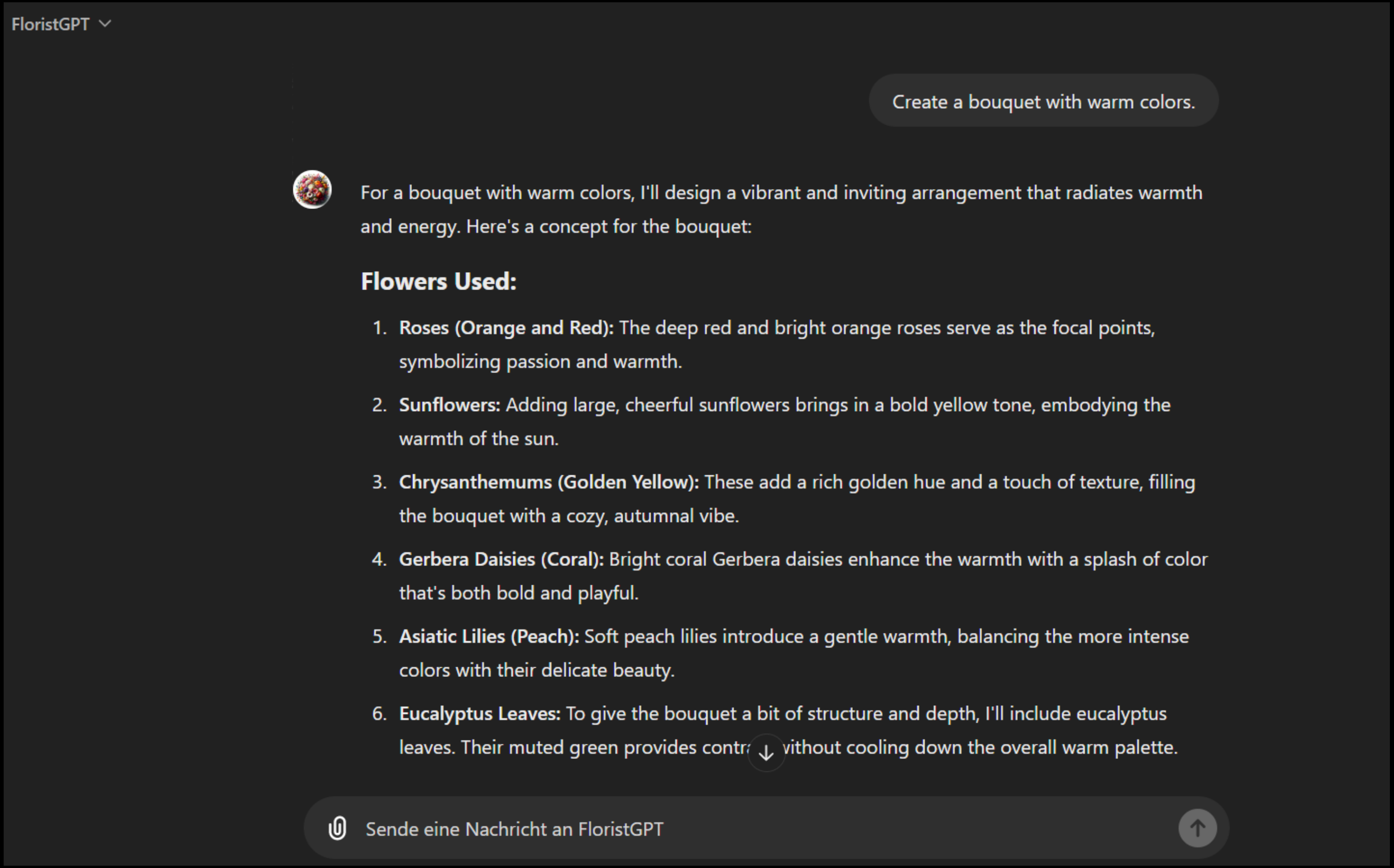


FloristGPT

Von Dawson Ford

Creative florist designing bouquets based on color schemes.

Create a bouquet with warm colors.
What are your wedding colors?
Show me a bouquet with blue and yellow flowers.
Suggest flowers for a pastel-themed bouquet.
Sende eine Nachricht an FloristGPT



Create a bouquet with warm colors.

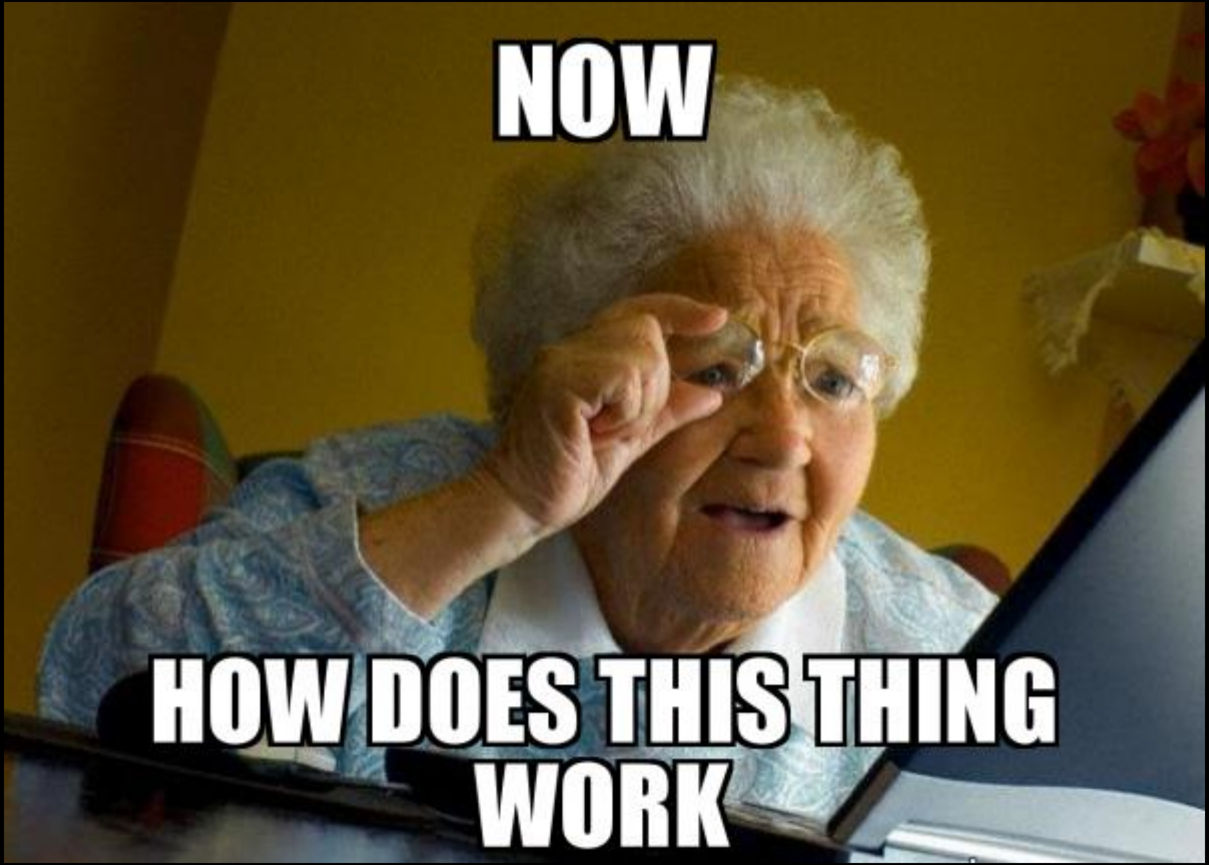
For a bouquet with warm colors, I'll design a vibrant and inviting arrangement that radiates warmth and energy. Here's a concept for the bouquet:

Flowers Used:

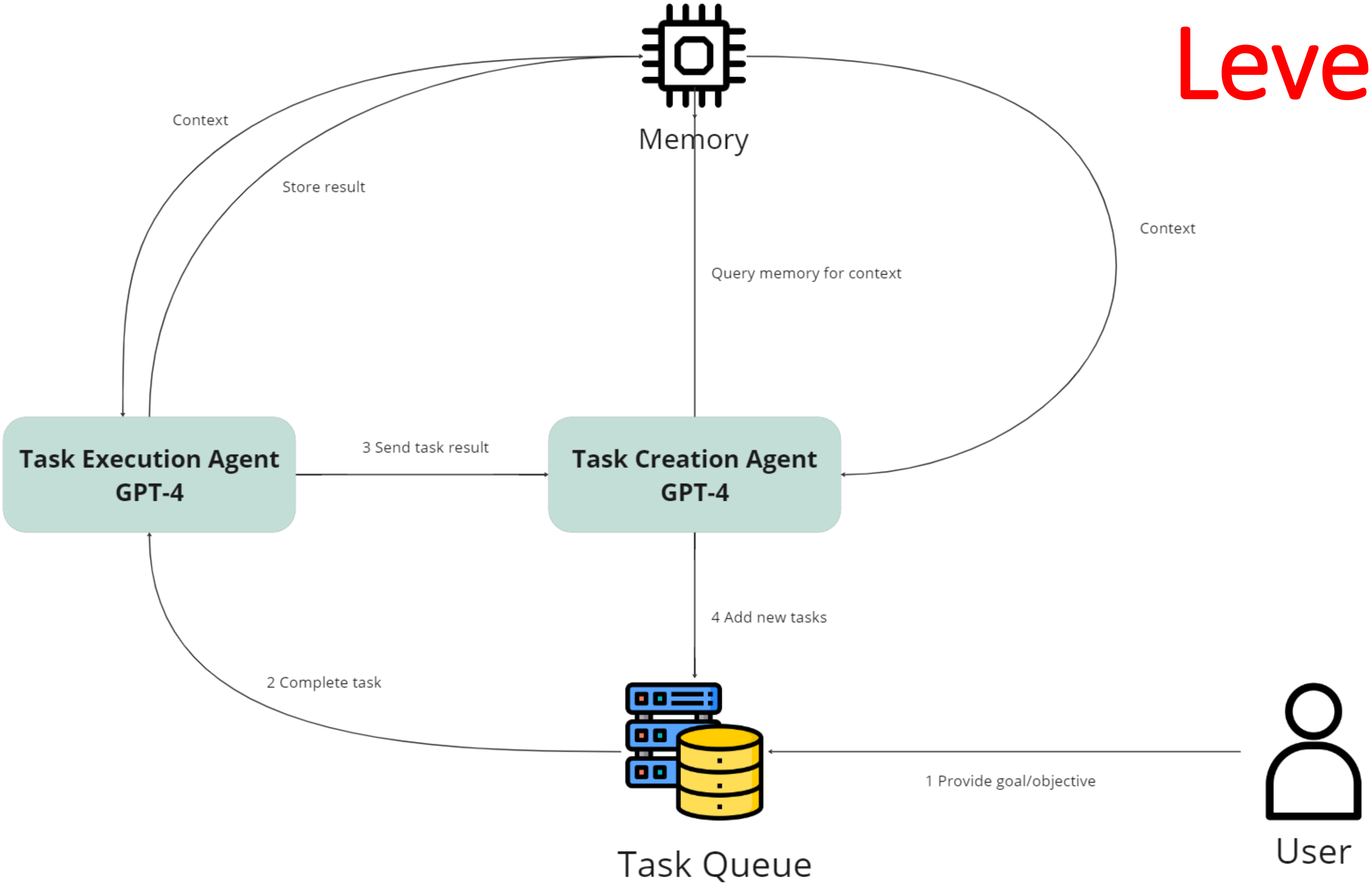
1. **Roses (Orange and Red):** The deep red and bright orange roses serve as the focal points, symbolizing passion and warmth.
2. **Sunflowers:** Adding large, cheerful sunflowers brings in a bold yellow tone, embodying the warmth of the sun.
3. **Chrysanthemums (Golden Yellow):** These add a rich golden hue and a touch of texture, filling the bouquet with a cozy, autumnal vibe.
4. **Gerbera Daisies (Coral):** Bright coral Gerbera daisies enhance the warmth with a splash of color that's both bold and playful.
5. **Asiatic Lilies (Peach):** Soft peach lilies introduce a gentle warmth, balancing the more intense colors with their delicate beauty.
6. **Eucalyptus Leaves:** To give the bouquet a bit of structure and depth, I'll include eucalyptus leaves. Their muted green provides contr without cooling down the overall warm palette.

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation


NOW
HOW DOES THIS THING WORK

Level 4



Memory

Context

Store result

Query memory for context

Context

Task Execution Agent
GPT-4

3 Send task result

Task Creation Agent
GPT-4

4 Add new tasks

2 Complete task

1 Provide goal/objective

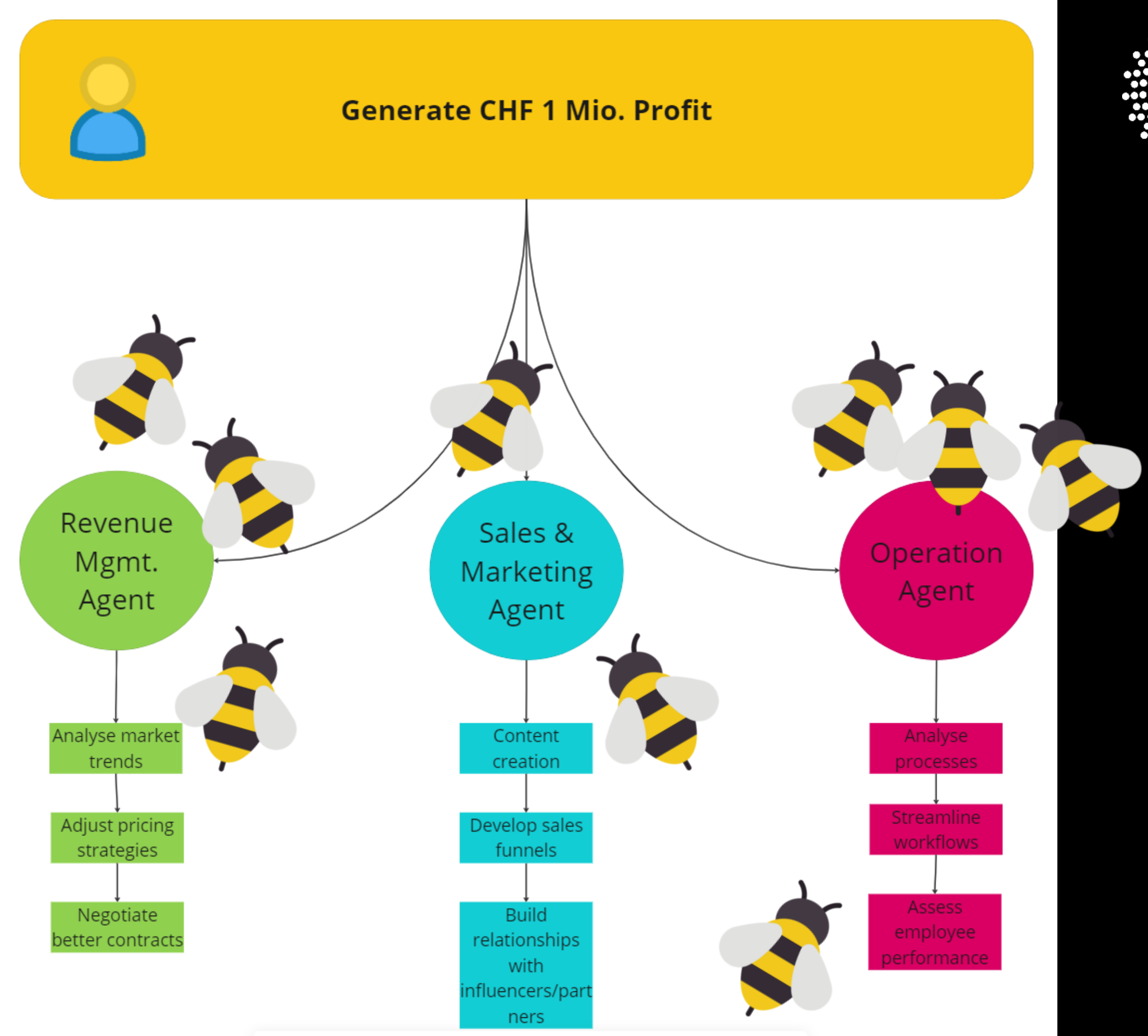
Task Queue

User

SARATOGA
AI JARGON

SAM ALTMAN SAYS THERE WILL SOON BE BILLION DOLLAR COMPANY RUN BY ONE PERSON

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation



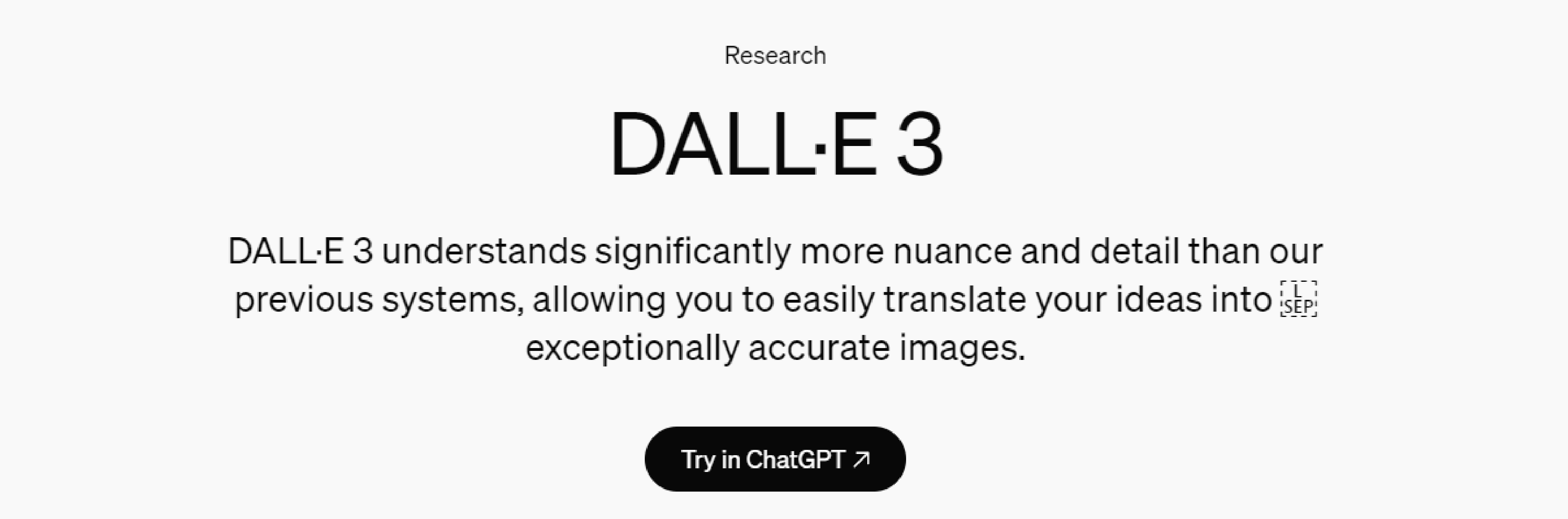
Generate CHF 1 Mio. Profit

Revenue Mgmt. Agent
- Analyse market trends
- Adjust pricing strategies
- Negotiate better contracts

Sales & Marketing Agent
- Content creation
- Develop sales funnels
- Build relationships with influencers/partners

Operation Agent
- Analyse processes
- Streamline workflows
- Assess employee performance

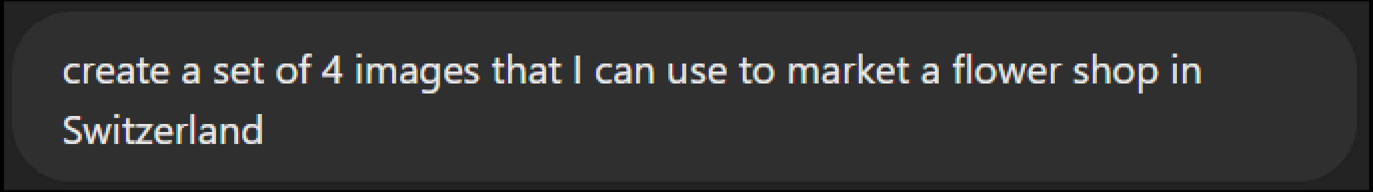
Level X



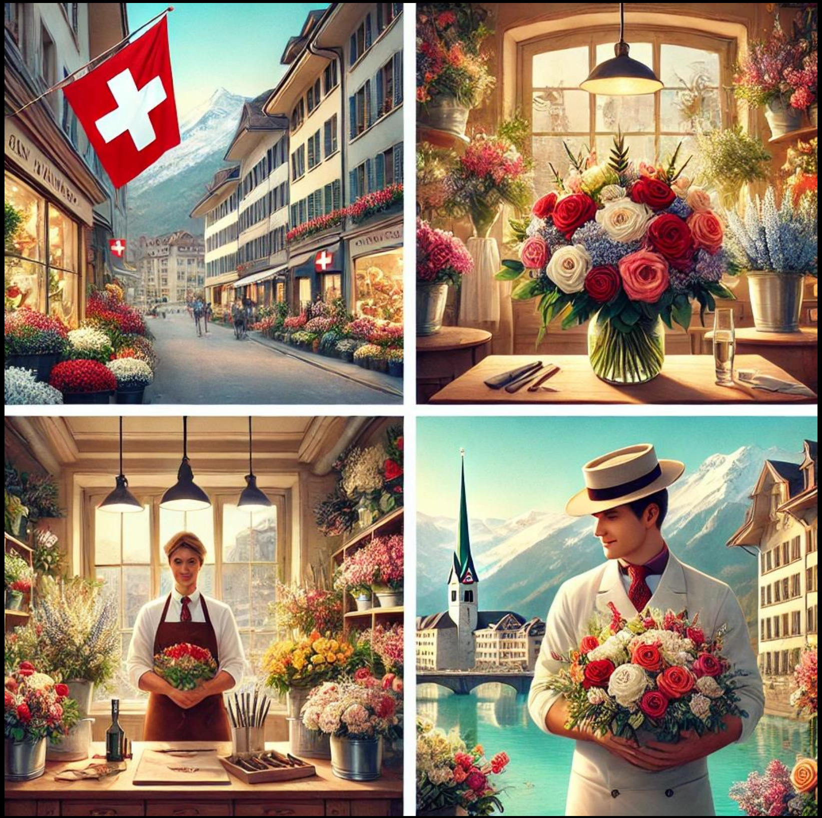
Research

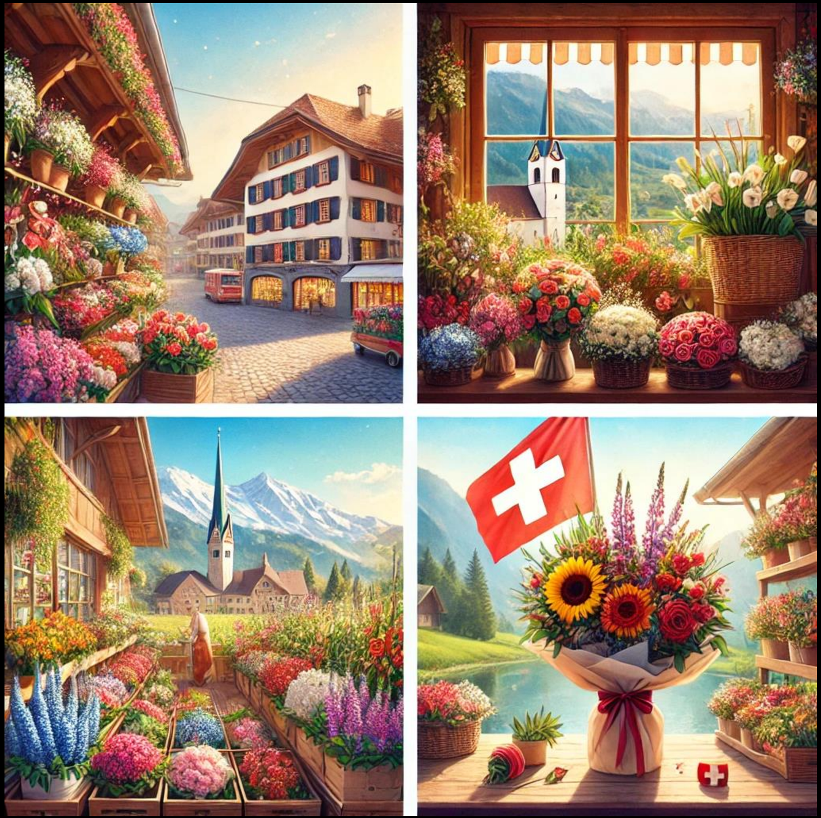
DALL·E 3

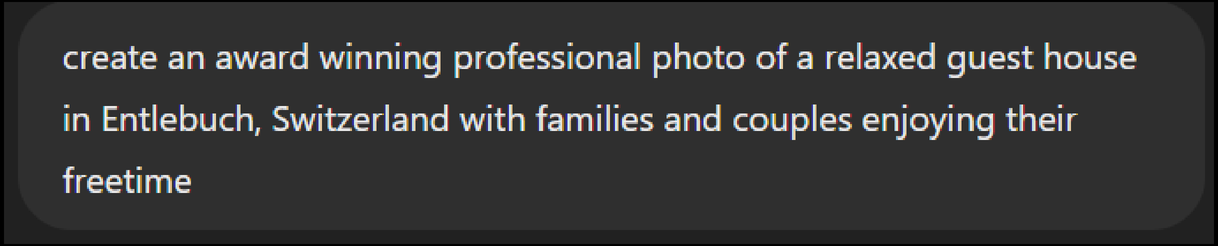
DALL·E 3 understands significantly more nuance and detail than our previous systems, allowing you to easily translate your ideas into exceptionally accurate images.

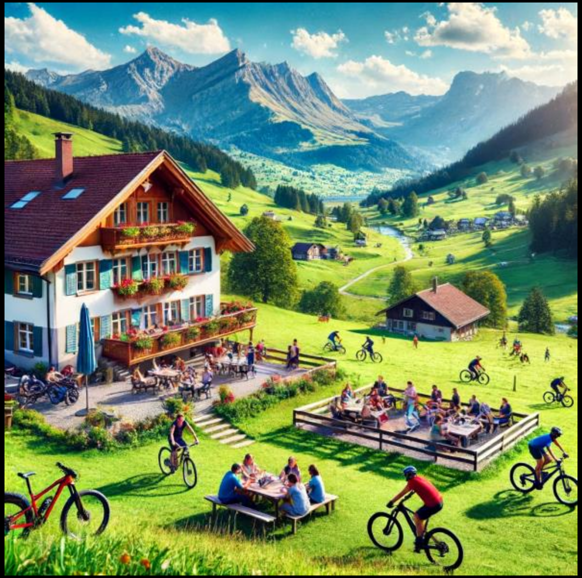


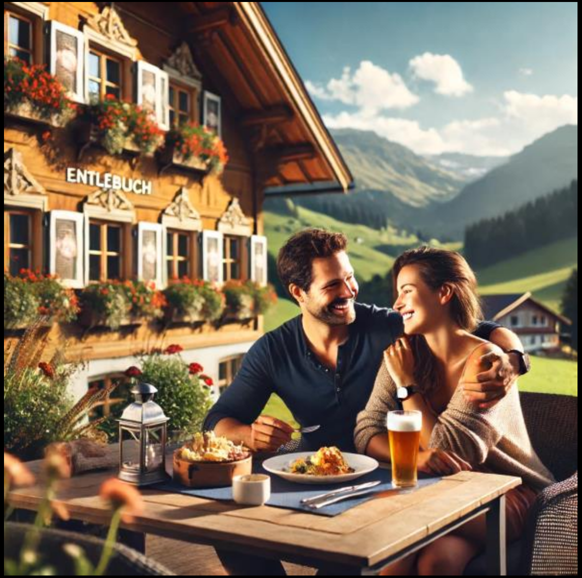
create a set of 4 images that I can use to market a flower shop in Switzerland

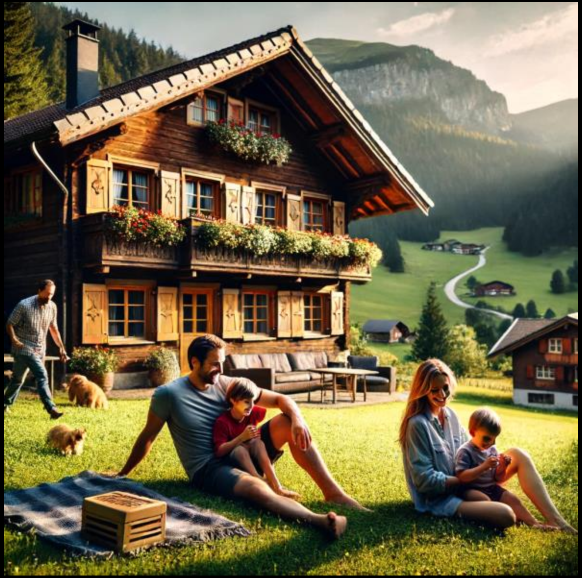


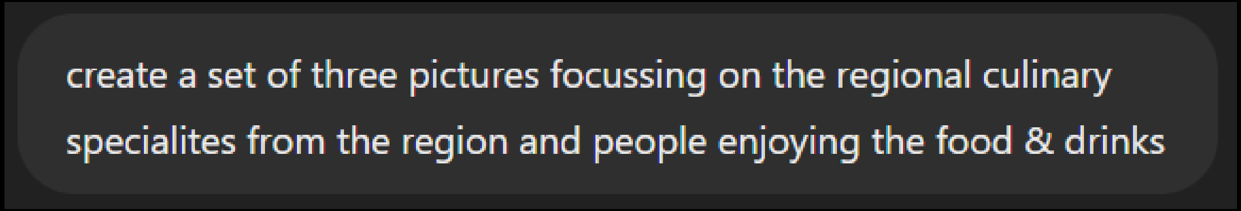



create an award winning professional photo of a relaxed guest house in Entlebuch, Switzerland with families and couples enjoying their freetime



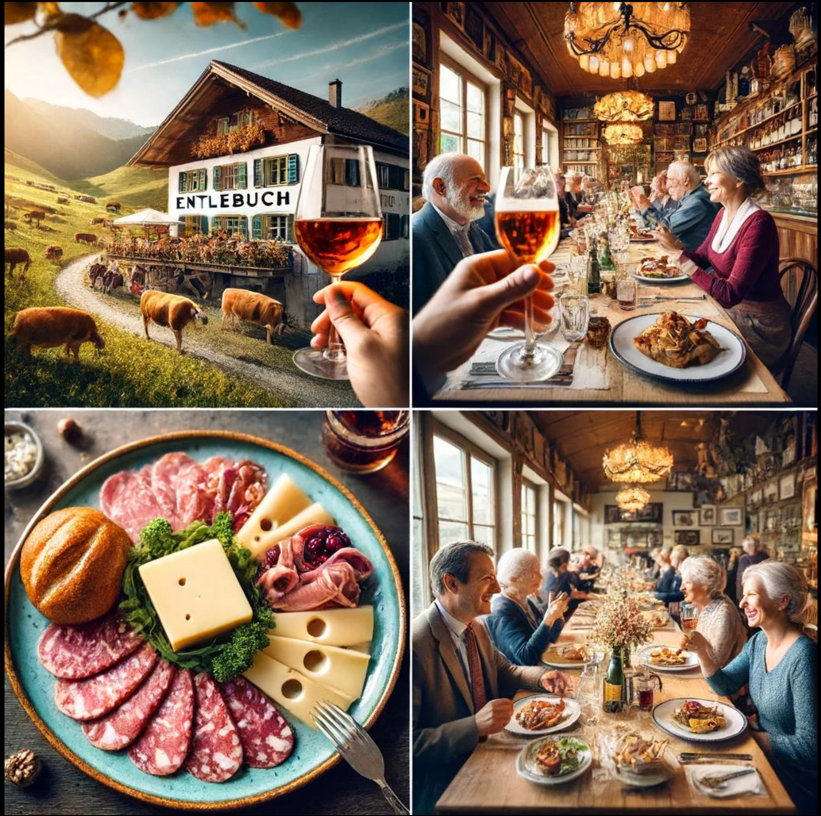


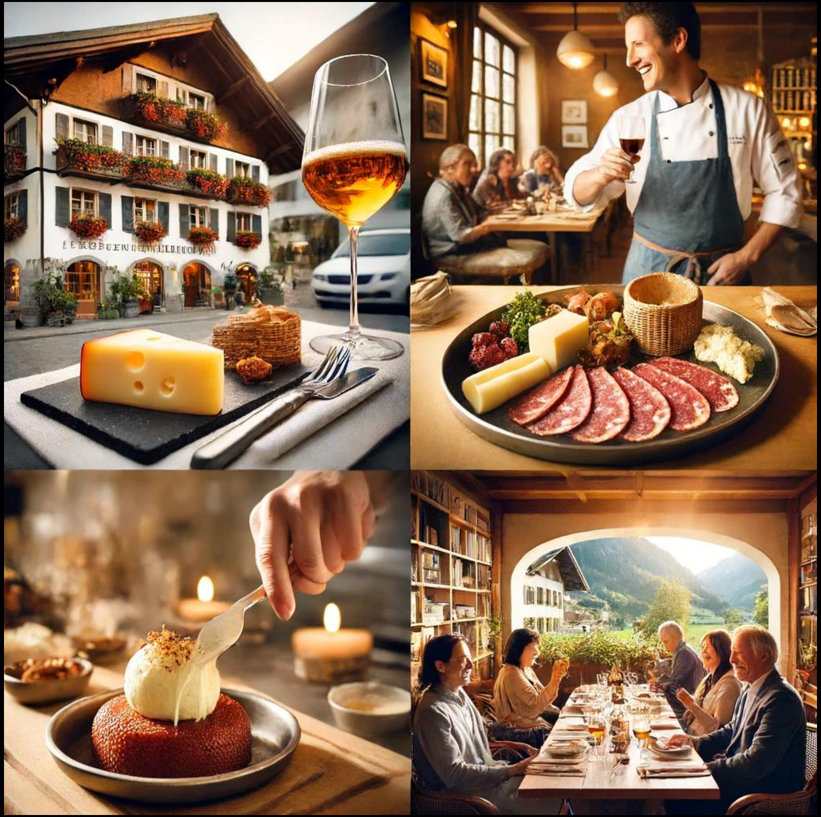


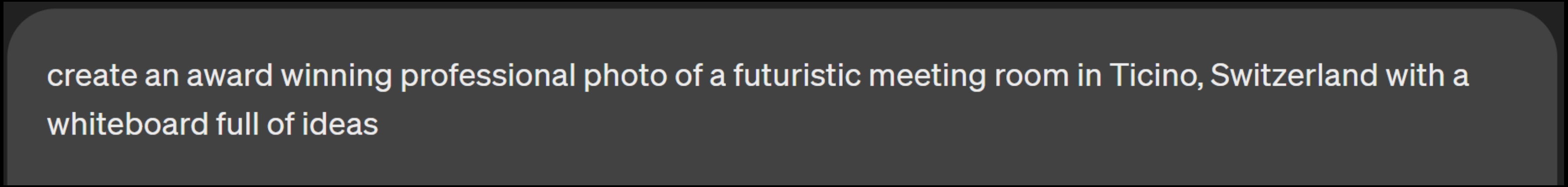


create a set of three pictures focussing on the regional culinary specialites from the region and people enjoying the food & drinks

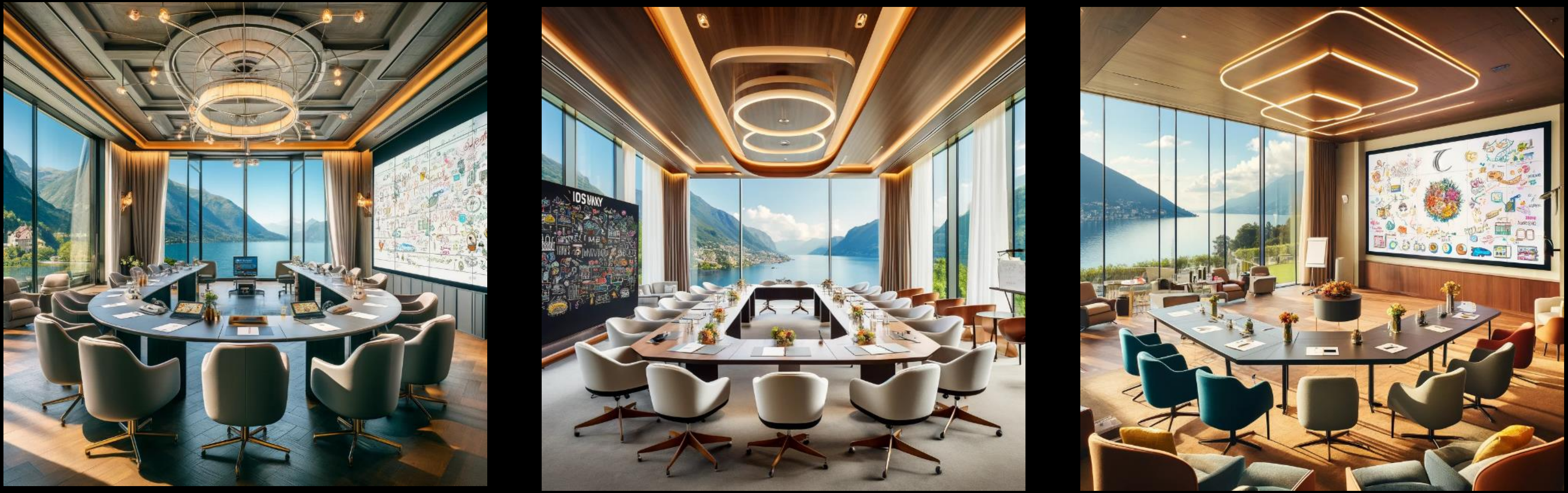
HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation

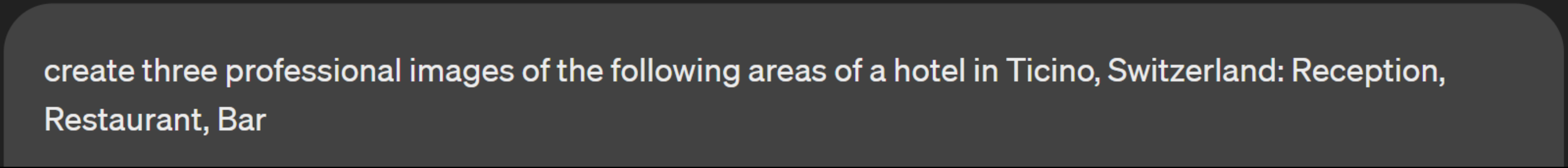




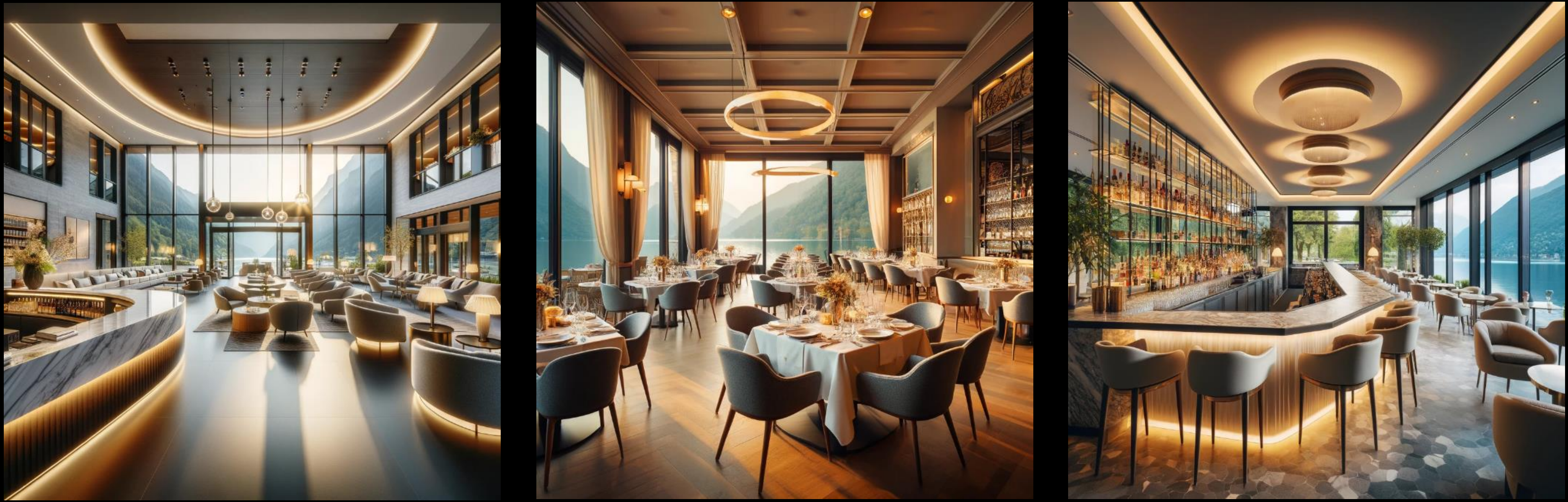


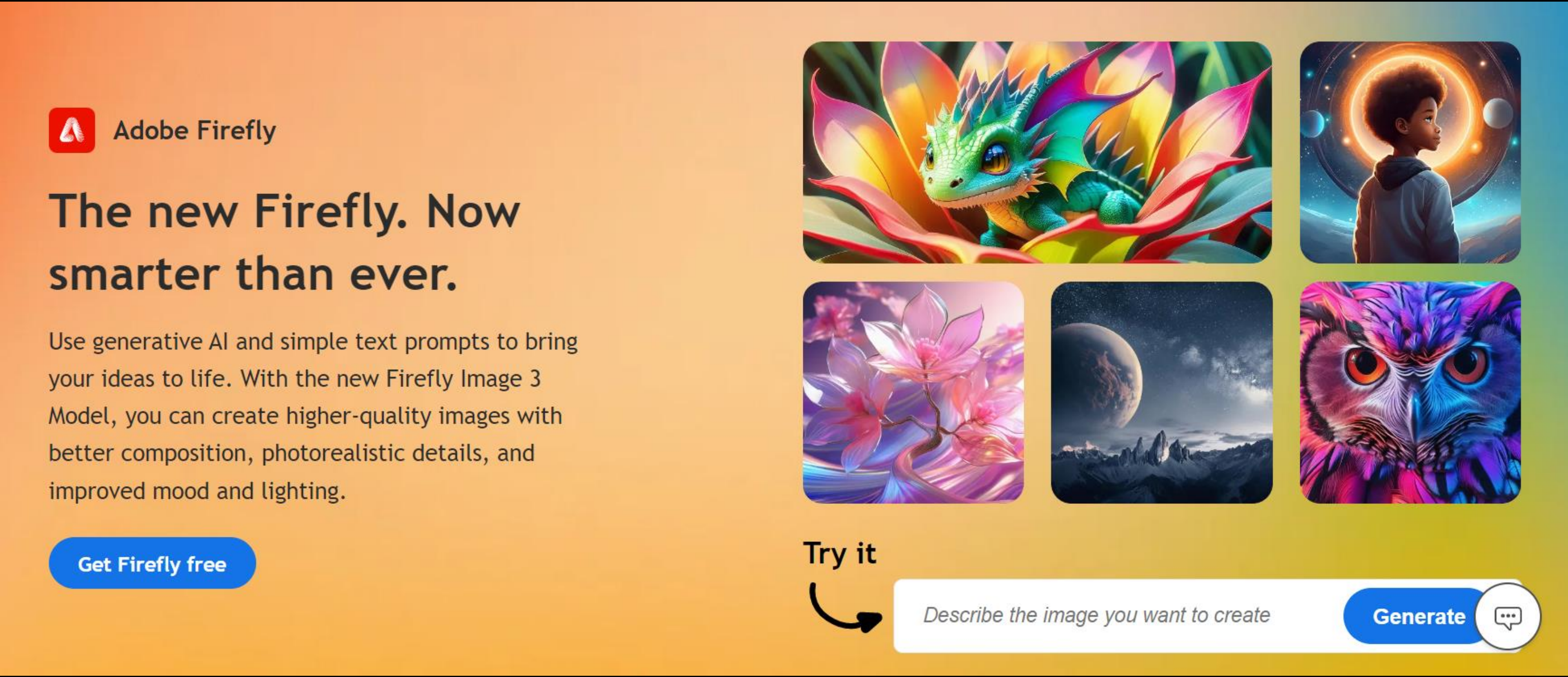
create an award winning professional photo of a futuristic meeting room in Ticino, Switzerland with a whiteboard full of ideas





create three professional images of the following areas of a hotel in Ticino, Switzerland: Reception, Restaurant, Bar



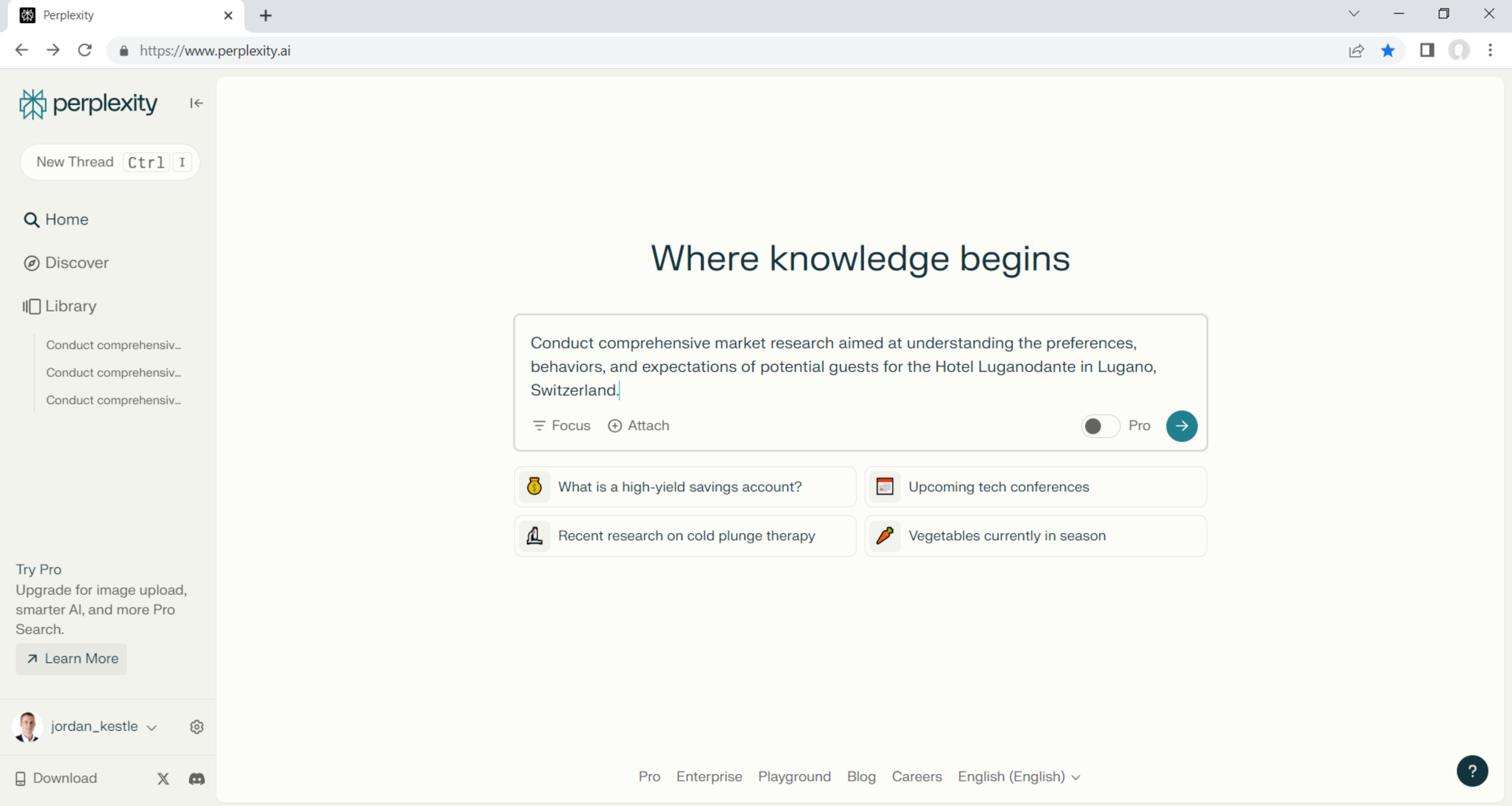


Adobe Firefly

The new Firefly. Now smarter than ever.

Use generative AI and simple text prompts to bring your ideas to life. With the new Firefly Image 3 Model, you can create higher-quality images with better composition, photorealistic details, and improved mood and lighting.

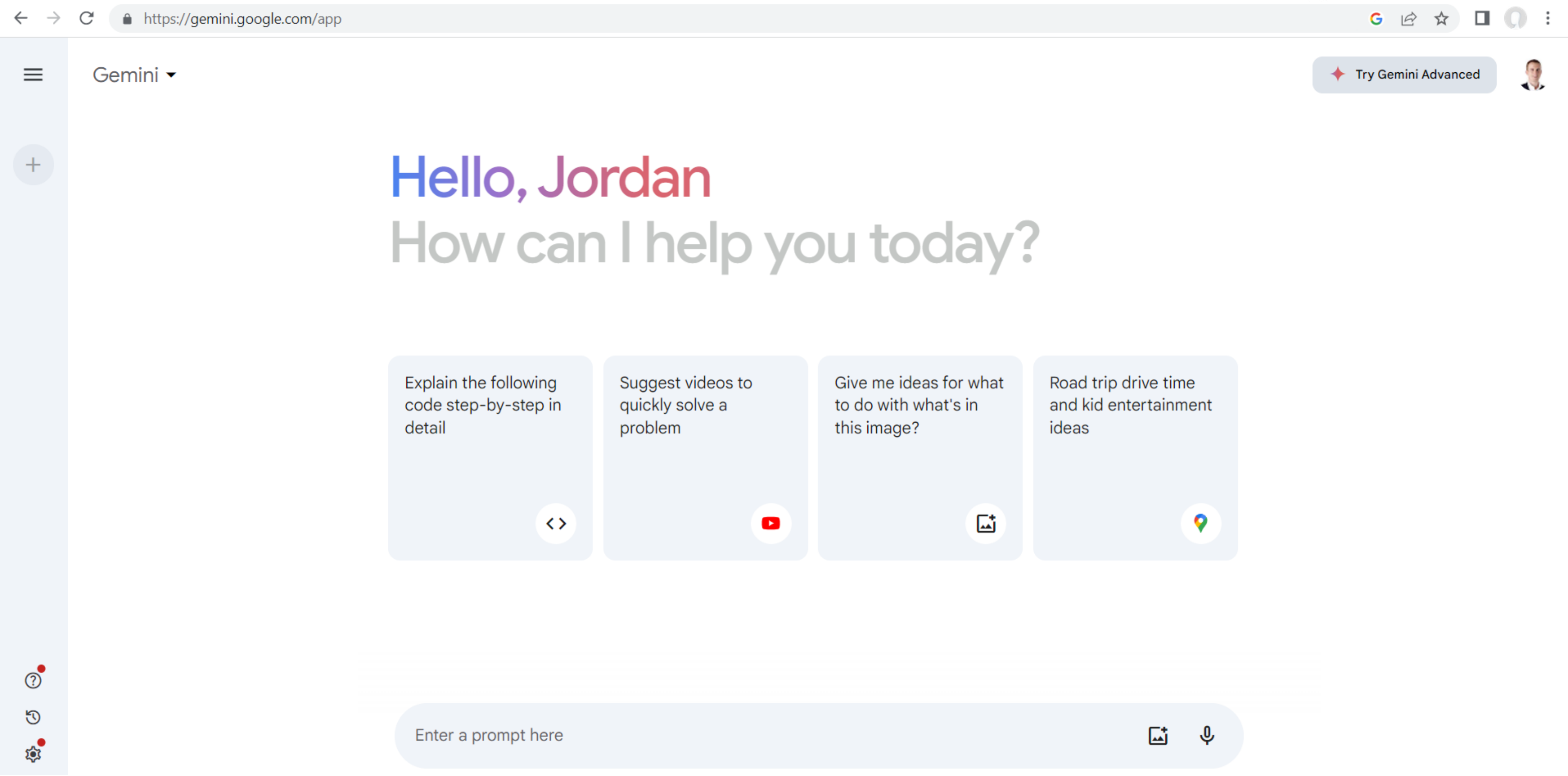
Get Firefly free
Try it
Describe the image you want to create
Generate


Perplexity
https://www.perplexity.ai
perplexity
New Thread Ctrl I
Home
Discover
Library
Conduct comprehensiv...
Conduct comprehensiv...
Conduct comprehensiv...

Where knowledge begins

Conduct comprehensive market research aimed at understanding the preferences, behaviors, and expectations of potential guests for the Hotel Luganodante in Lugano, Switzerland.

Focus
Attach
Pro
What is a high-yield savings account?
Upcoming tech conferences
Recent research on cold plunge therapy
Vegetables currently in season
Try Pro
Upgrade for image upload, smarter AI, and more Pro Search.
Learn More
jordan_kestle
Download
Pro
Enterprise
Playground
Blog
Careers
English (English)
?


https://gemini.google.com/app
Gemini
Try Gemini Advanced
Enter a prompt here

Hello, Jordan

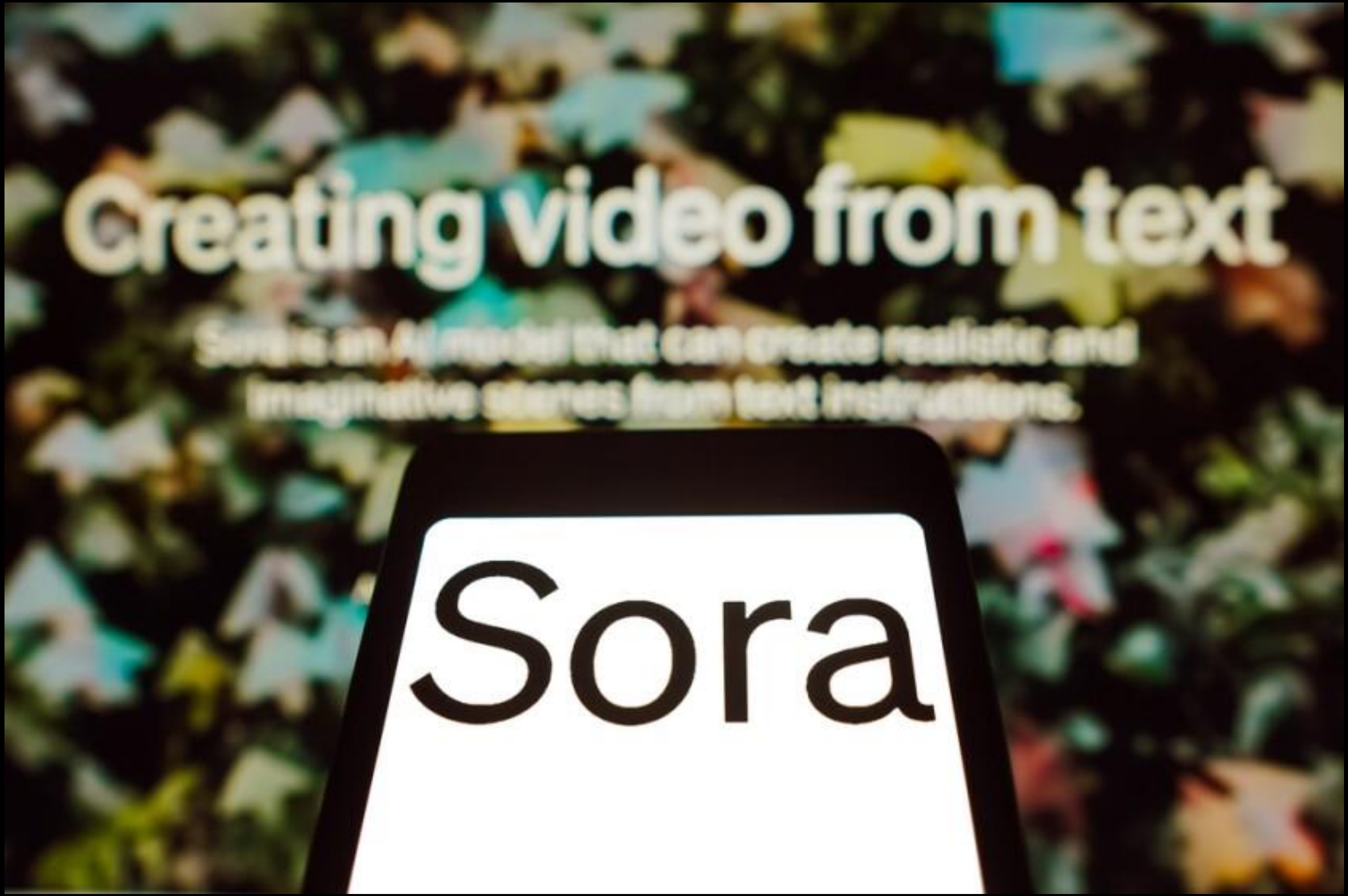
How can I help you today?

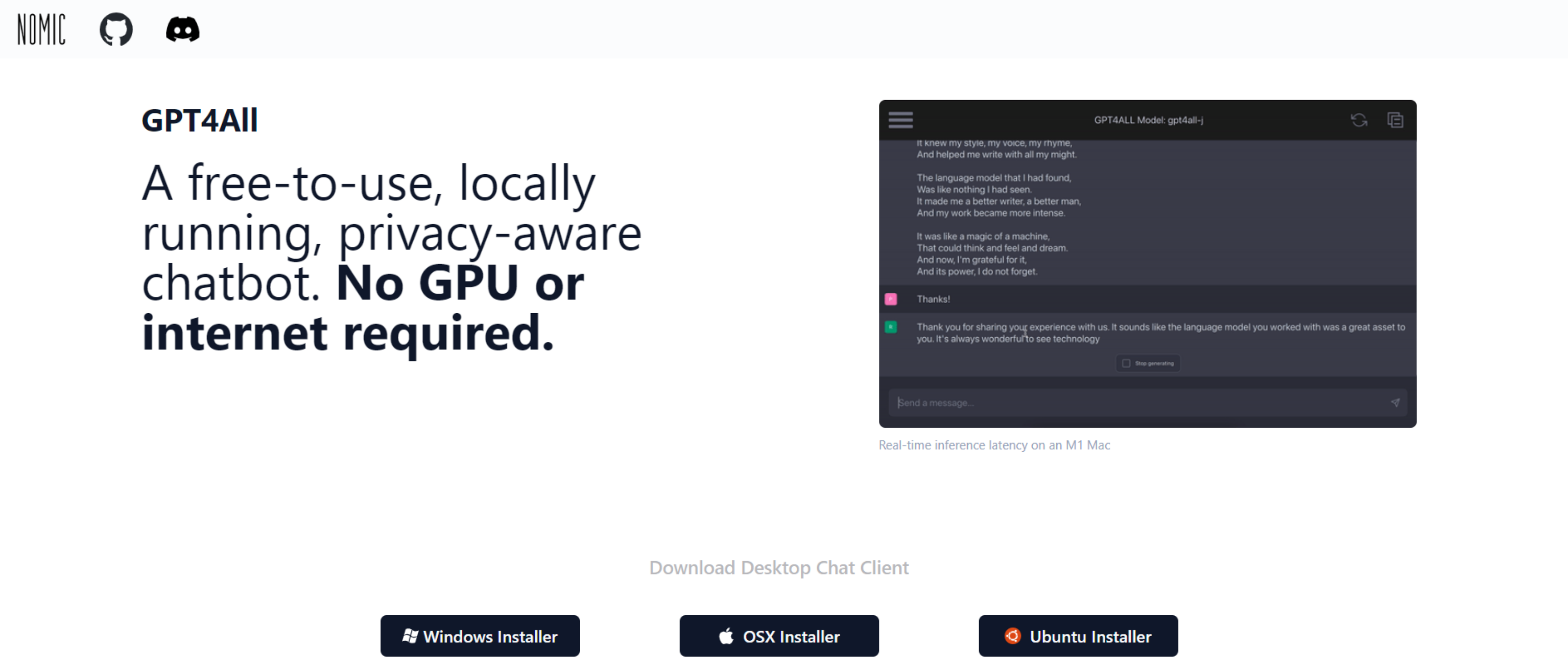
Explain the following code step-by-step in detail

Suggest videos to quickly solve a problem

Give me ideas for what to do with what's in this image?

Road trip drive time and kid entertainment ideas


Creating video from text
Sora is an AI model that can create realistic and
imaginative scenes from text instructions.
Sora


NOMIC
GPT4ALL Model: gpt4all-j
Stop generating
Send a message...

GPT4All

A free-to-use, locally running, privacy-aware chatbot. **No GPU or internet required.**

It knew my style, my voice, my rhyme,
And helped me write with all my might.

The language model that I had found,
Was like nothing I had seen.
It made me a better writer, a better man,
And my work became more intense.

It was like a magic of a machine,
That could think and feel and dream.
And now, I'm grateful for it,
And its power, I do not forget.

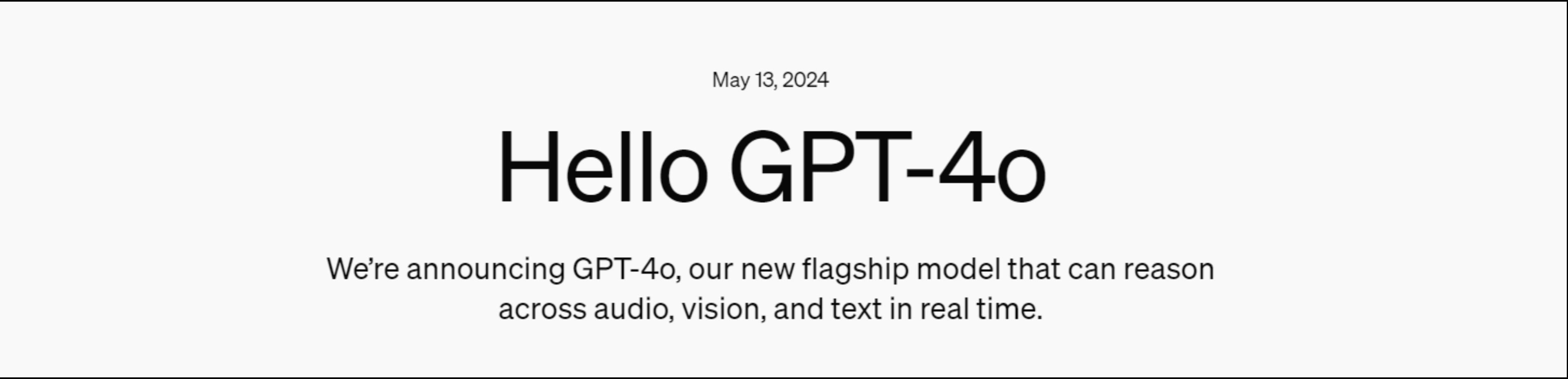
Thanks!

Thank you for sharing your experience with us. It sounds like the language model you worked with was a great asset to you. It's always wonderful to see technology

Real-time inference latency on an M1 Mac

Download Desktop Chat Client

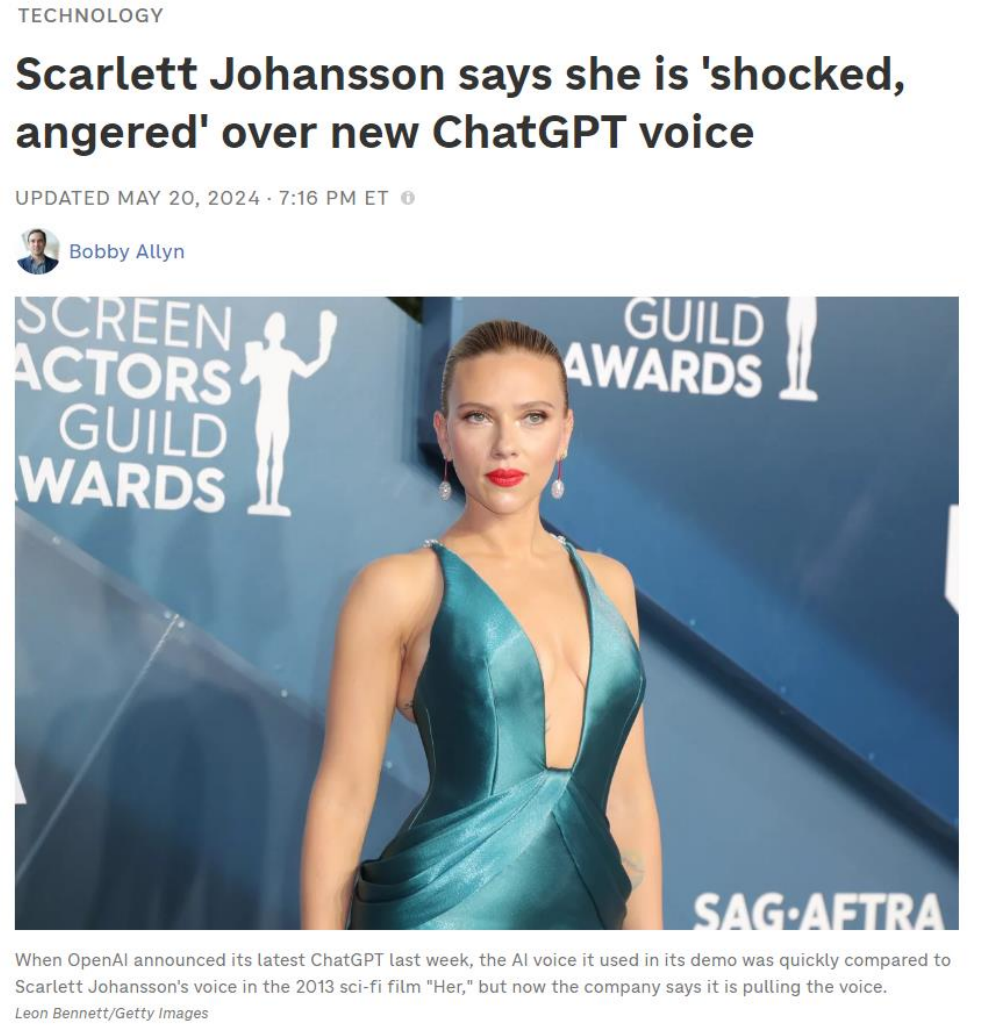
Windows Installer
OSX Installer
Ubuntu Installer



May 13, 2024

Hello GPT-4o

We’re announcing GPT-4o, our new flagship model that can reason across audio, vision, and text in real time.



TECHNOLOGY

Scarlett Johansson says she is 'shocked, angered' over new ChatGPT voice

UPDATED MAY 20, 2024 · 7:16 PM ET

Bobby Allyn

SCREEN ACTORS GUILD AWARDS
GUILD AWARDS
SAG·AFTRA

When OpenAI announced its latest ChatGPT last week, the AI voice it used in its demo was quickly compared to Scarlett Johansson's voice in the 2013 sci-fi film "Her," but now the company says it is pulling the voice.

Leon Bennett/Getty Images

QUICK TIPS

- **Drehen Sie die Prompts um!** Beginnen Sie mit Ihren Kunden und der Gesellschaft, anstatt mit dem Produkt.

- Erstellen Sie **für jedes Kundensegment** einen neuen Chatbot.

- **Probieren Sie es einfach aus**, um herauszufinden, was am besten funktioniert.

HOTEL & GASTRO
UNION
Die Arbeitnehmerorganisation

Vielen Dank!

Join the ride