



# VOM HYPE ZUR REALITÄT

*wie Künstliche Intelligenz  
wirklich unsere Zukunft prägt.*

**MARKUS  
BEGEROW**



## DATENBANKEN VERSTEHEN

für Anfänger und Profis



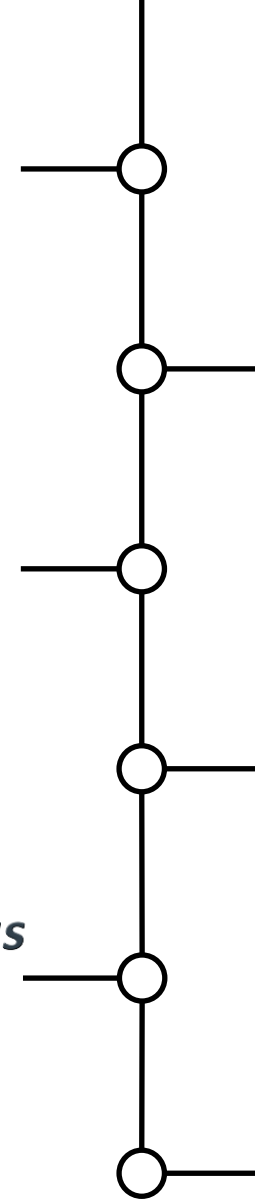
Dainalytix

Data | Analytics | AI  
Research Group



## Data & AI Campus

Your next level in Data & Analytics



HOCHSCHULE HEILBRONN



Technische  
Hochschule  
Wildau  
Technical University  
of Applied Sciences



Industrie- und Handelskammer  
Heilbronn-Franken

Markus Begerow Pressemitteilung

## „Krypto und Steuern“ - praxisnaher Leitfaden hilft bei der steuerlichen Einordnung von Kryptowährungen

05.08.2025 - 12:27 Uhr • Wissenschaft, Forschung, Bildung



Krypto und Steuern: Der Leitfaden auf [www.krypto-besteuern.de](http://www.krypto-besteuern.de) (© krypto-besteuern.de)

(openPR) Berlin, 05. August 2025 - Kryptowährungen wie Bitcoin, Ethereum oder Solana sind für viele Menschen längst Teil des Alltags. Gleichzeitig stehen Anlegerinnen und Anleger, Unternehmen und Steuerberatende vor neuen Herausforderungen: Wie sind Krypto-Gewinne korrekt zu versteuern? Welche Regeln gelten für Staking, Lending oder Mining? Und wie dokumentiert man Transaktionen rechtssicher?



ARAG

Digitale Manipulation: Dark Patterns im Internet →

11.08.2025



ITMS

Bike-Boom: Immer mehr junge Entdecker aus Deutschland erkunden Polen mit dem Rad →

11.08.2025



SCAN MICH 😊

A magnifying glass with a glowing blue and purple rim is centered in the image. Inside the lens, the word "REVIEW" is written in a bold, outlined, sans-serif font. The background is a dark, futuristic digital space with glowing blue and purple circuit patterns and lines.

REVIEW



Förderverein  
Technikforum  
Backnang e. V.

## Vortragsveranstaltung für jedermann

Wir laden ein zum Vortrag  
**Digitale Transformation ändert  
Geschäftsmodelle und Denken**

**Data, Analytics und KI**

Markus Begerow  
Berlin

Mittwoch, 14. August, 19.00 Uhr  
**Technikforum Backnang, Wilhelmstraße 32**

– Eintritt frei –



**Sam Altman** ✓  
@sama · **Follow**



this is the most interesting year in human history, except  
for all future years

6:23 PM · Mar 17, 2024



27.7K



Reply



Share

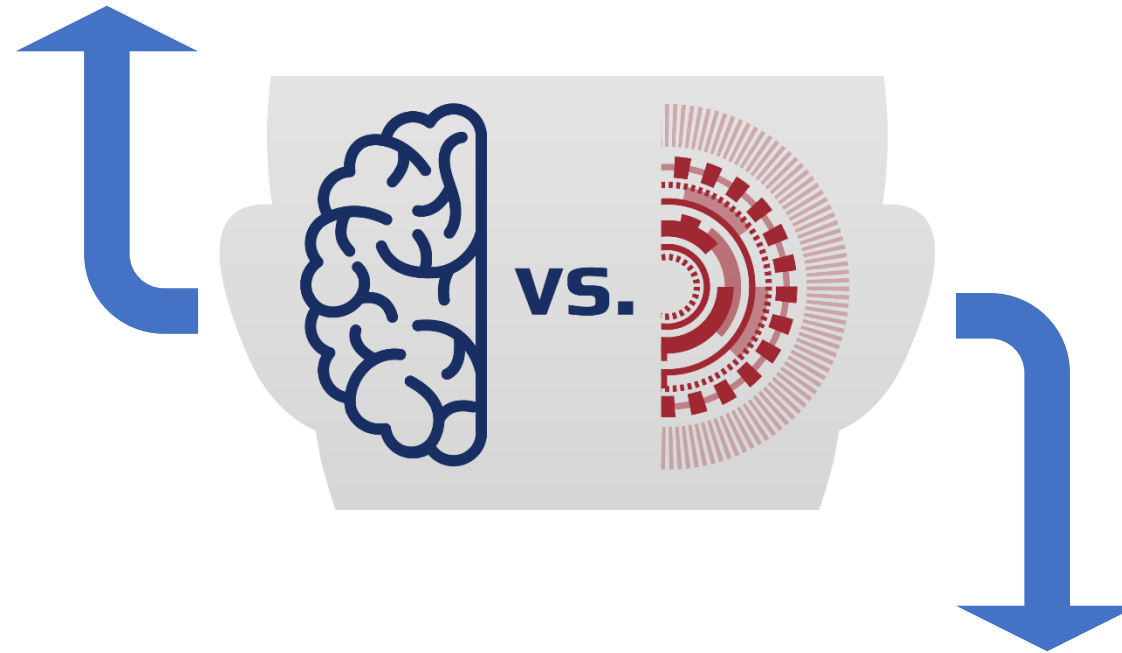
Read 1.8K replies

# Was ist Intelligenz?

## Was ist künstliche Intelligenz?

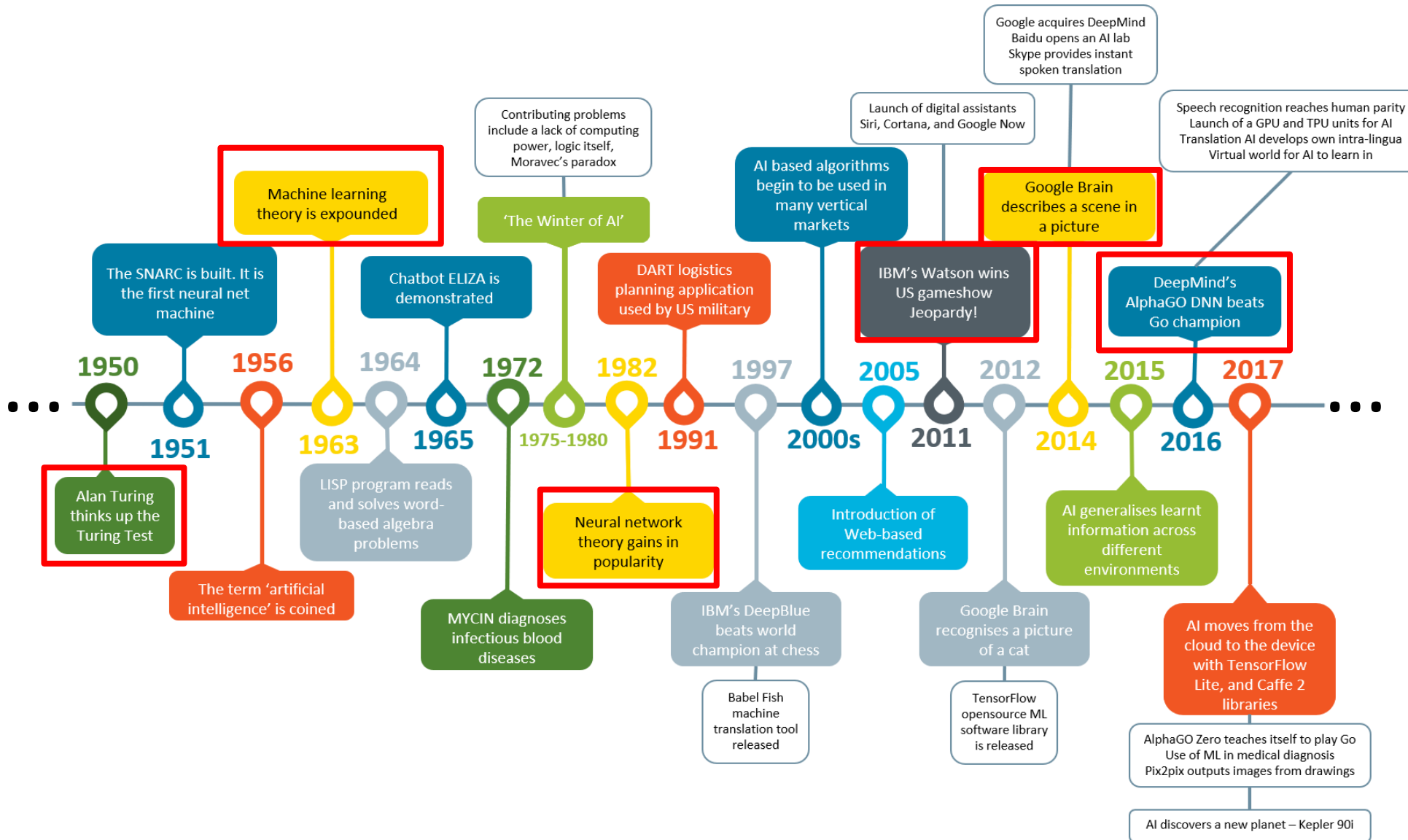
---

- **Intelligenz** ist die Fähigkeit, **innovativ** zu sein, **Regeln** zu brechen, sich für das **noch Unbekannte zu interessieren**. Intelligent zu sein, bedeutet **Neugierde** zu haben. Intelligenz ist dynamisch, global wirksam, abstraktions- und entwicklungsfähig.

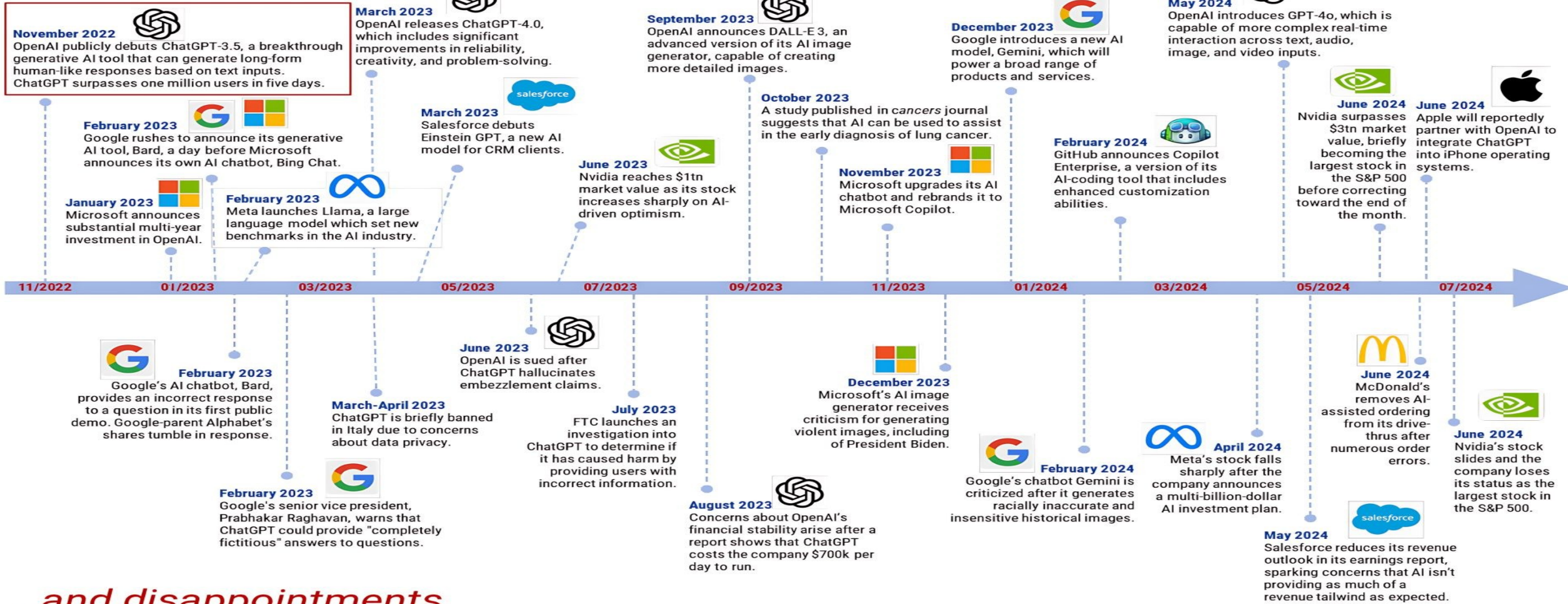


- **Künstliche Intelligenz vs. Erweiterte Intelligenz**: Jedes Stück Software ist ein Stück erweiterte menschliche Intelligenz. Es sind **nicht Roboter**, die ein Computerprogramm **bestimmen** - es sind wir Menschen! **Unsere Intelligenz** steckt dahinter, nicht eine künstliche Intelligenz. **Wir bestimmen**, wie KI-Programme **arbeiten** sollen.

# Die Entwicklung von KI bis heute



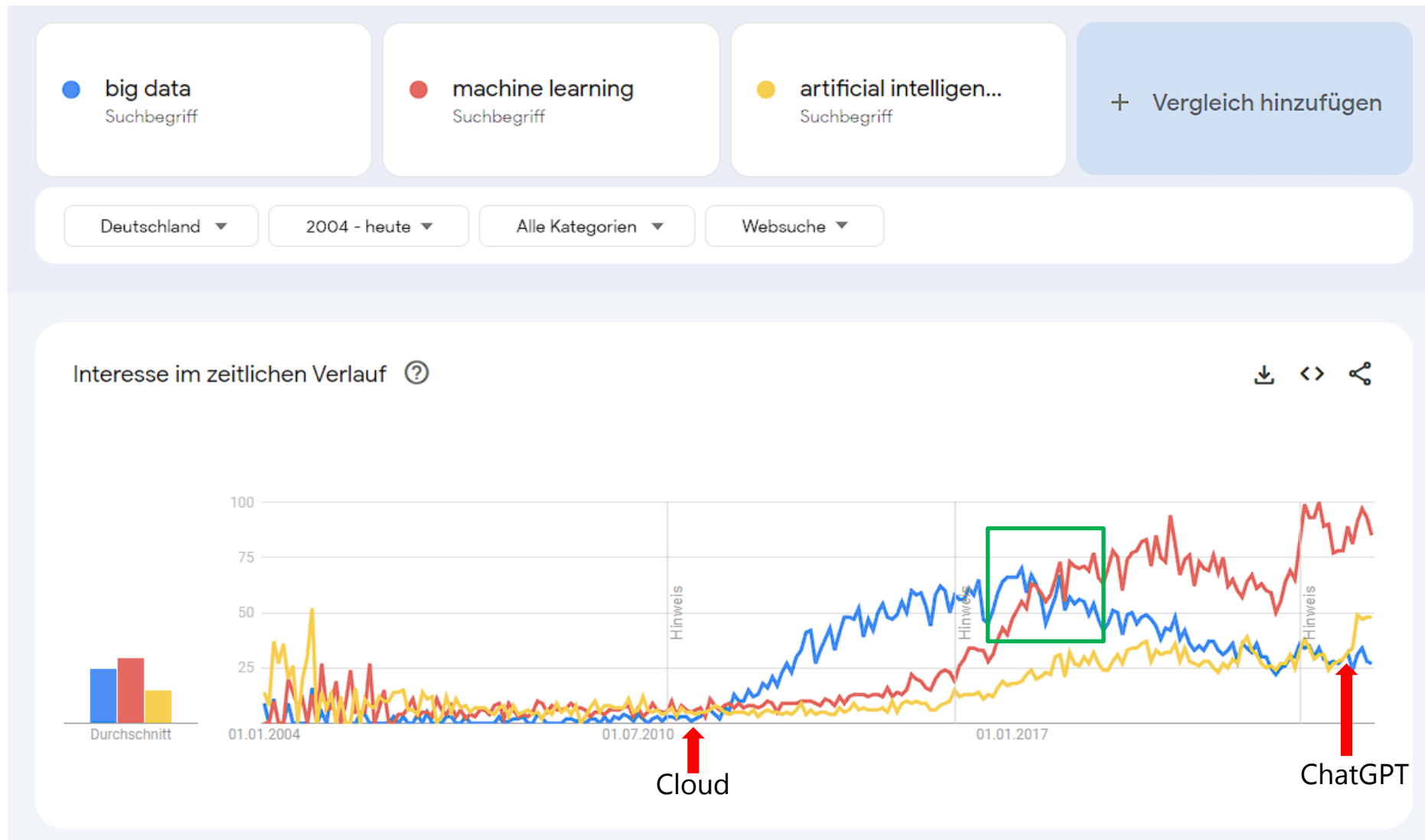
# AI triumphs...



# ...and disappointments

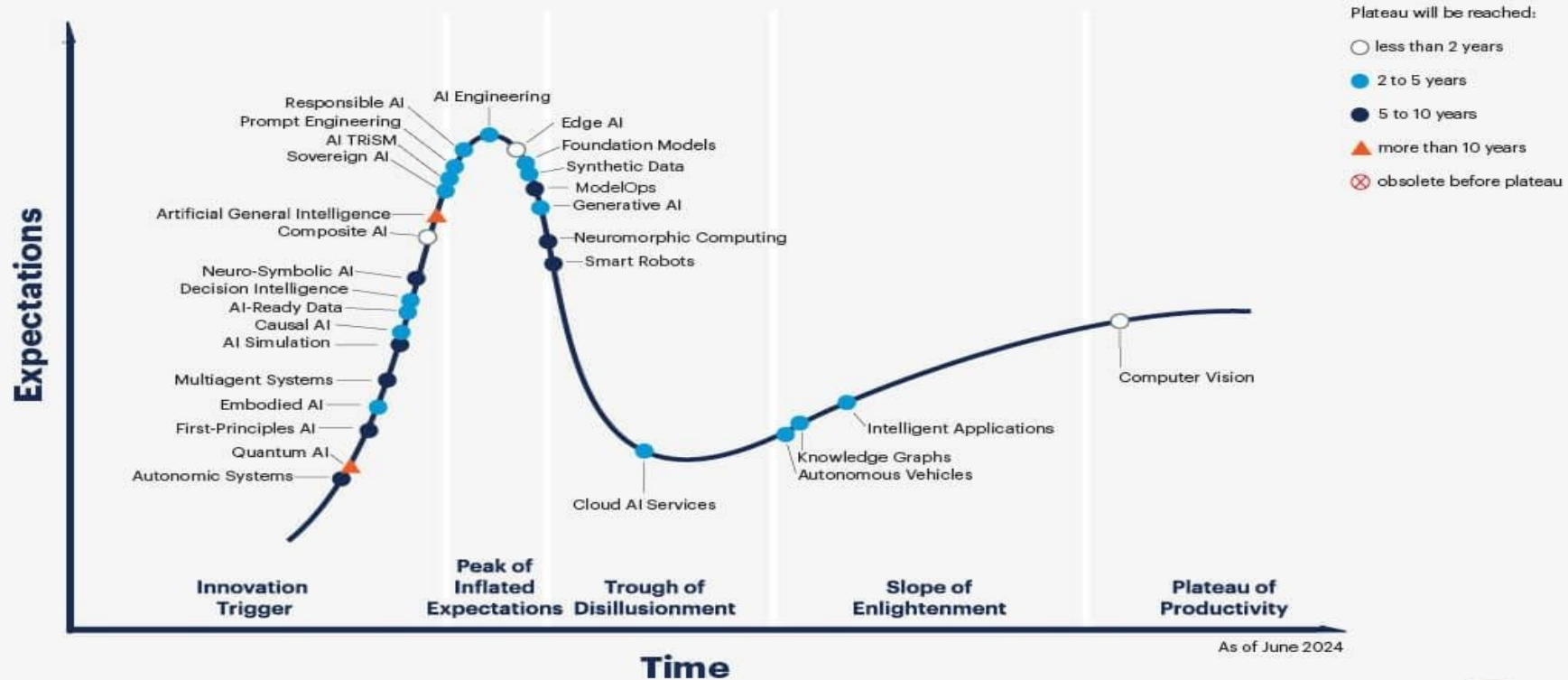
Note: This does not constitute an exhaustive list of all AI-related developments.  
 Source: BBC, [cancers](#), OpenAI, tech.co, Google, various news sources, compiled by Goldman Sachs GIR.

# Google Trends vom 12.08.2025



# GEN AI AUF DEM WEG DURCH DAS TAL

## Hype Cycle for Artificial Intelligence, 2024



Source: Gartner  
Commercial reuse requires approval from Gartner and must comply with the Gartner Content Compliance Policy on gartner.com.  
© 2024 Gartner, Inc. and/or its affiliates. All rights reserved. GTS\_3282450

**Gartner**

The World Ahead | Technology in 2025

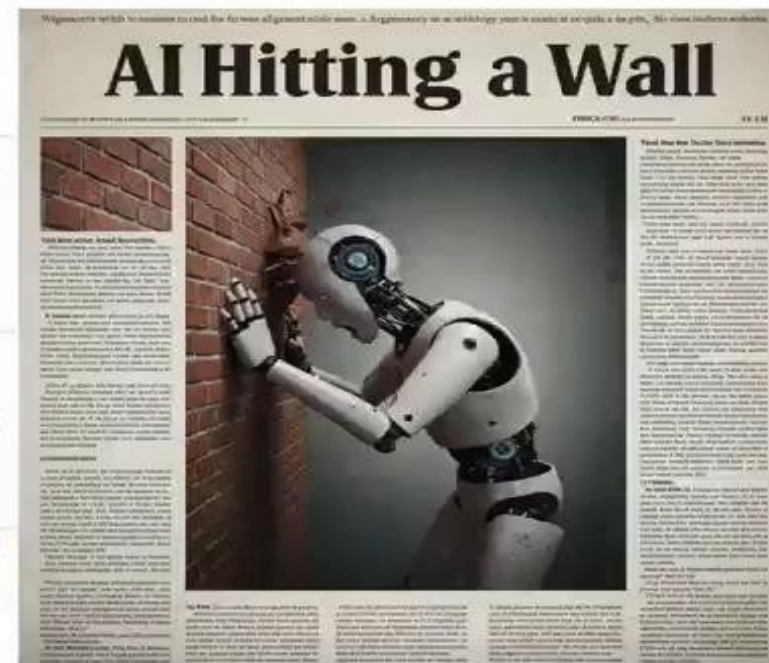
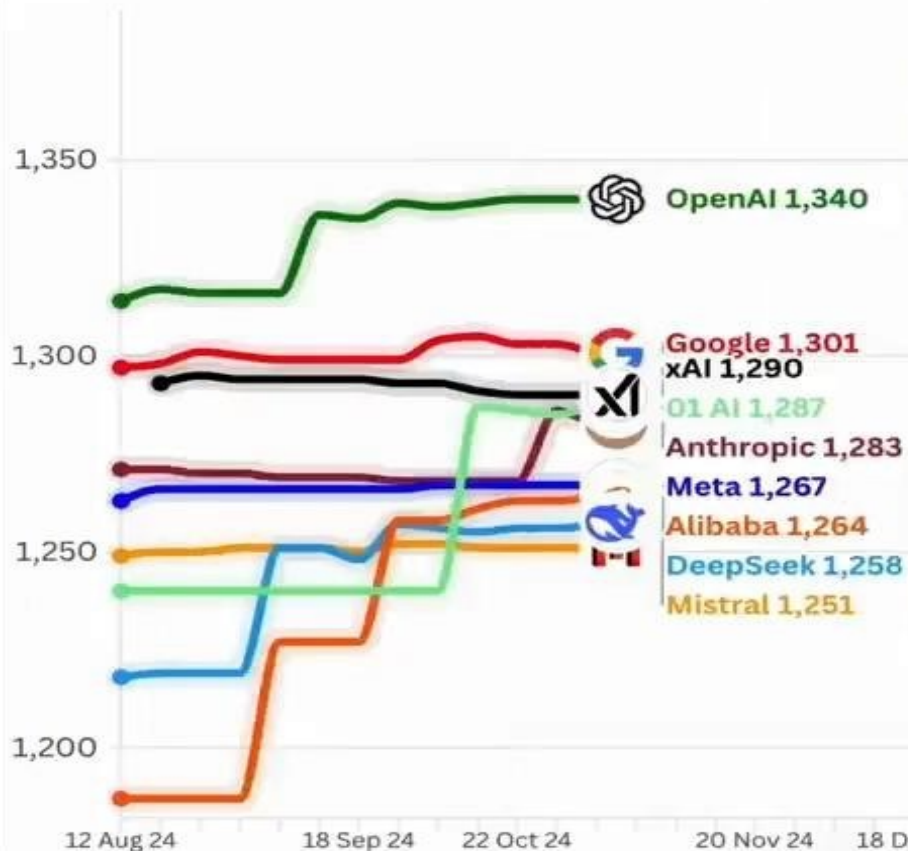
# Will the bubble burst for AI in 2025, or will it start to deliver?

*It is the biggest gamble in business history—but adoption of AI is proving patchy*

## Elo Scores by Company - Top 9

Top Ranked Model by Company in the Chatbot Arena - Last 6 Months

Replay



Source: LMArena.ai; Created by Peter Gostev (<https://www.linkedin.com/in/peter-gostev/>)



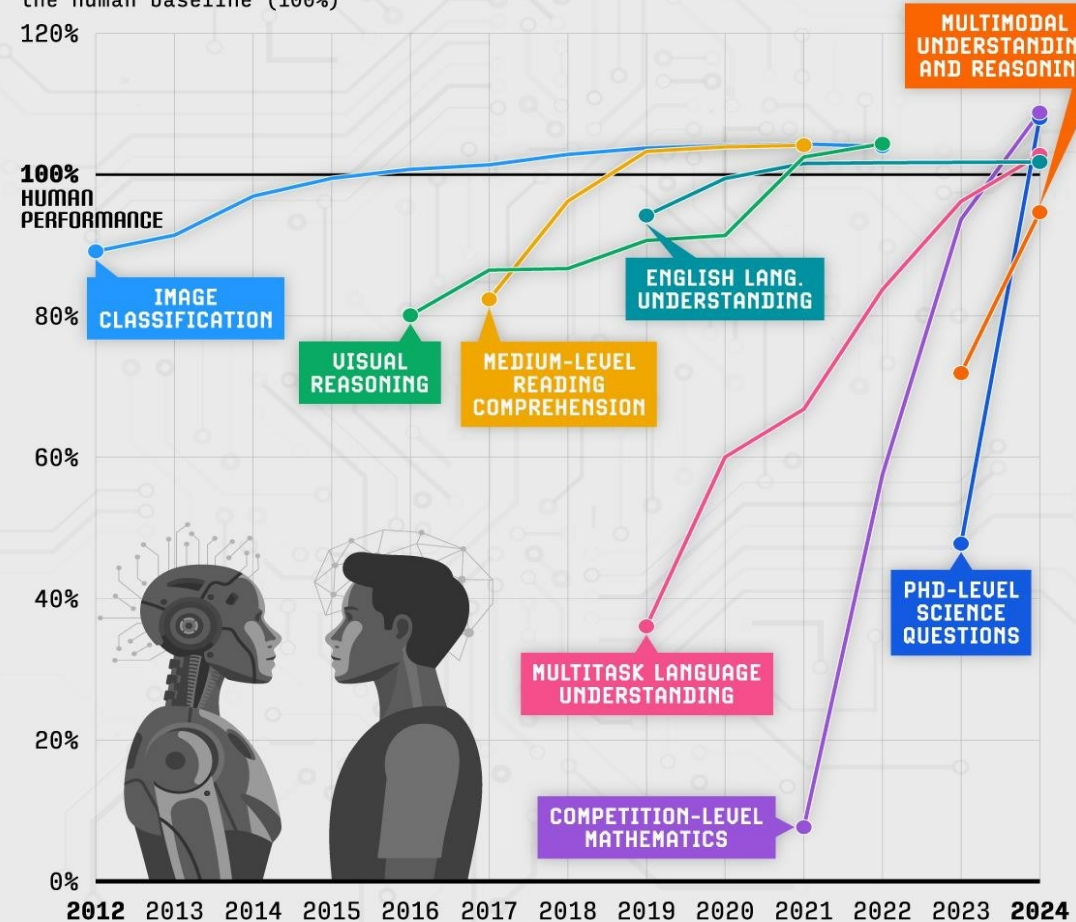
KI wird den Menschen in allen Bereichen, die man trainieren und testen kann, übertreffen - oder hat dies bereits getan.

# AI VS. HUMAN PERFORMANCE IN TECHNICAL TASKS

AI models have rapidly improved and now exceed human performance in almost every technical task.

Humans still lead in **multimodal understanding and reasoning**, which involves questions across disciplines that include charts, maps, tables and images.

Performance relative to the human baseline (100%)



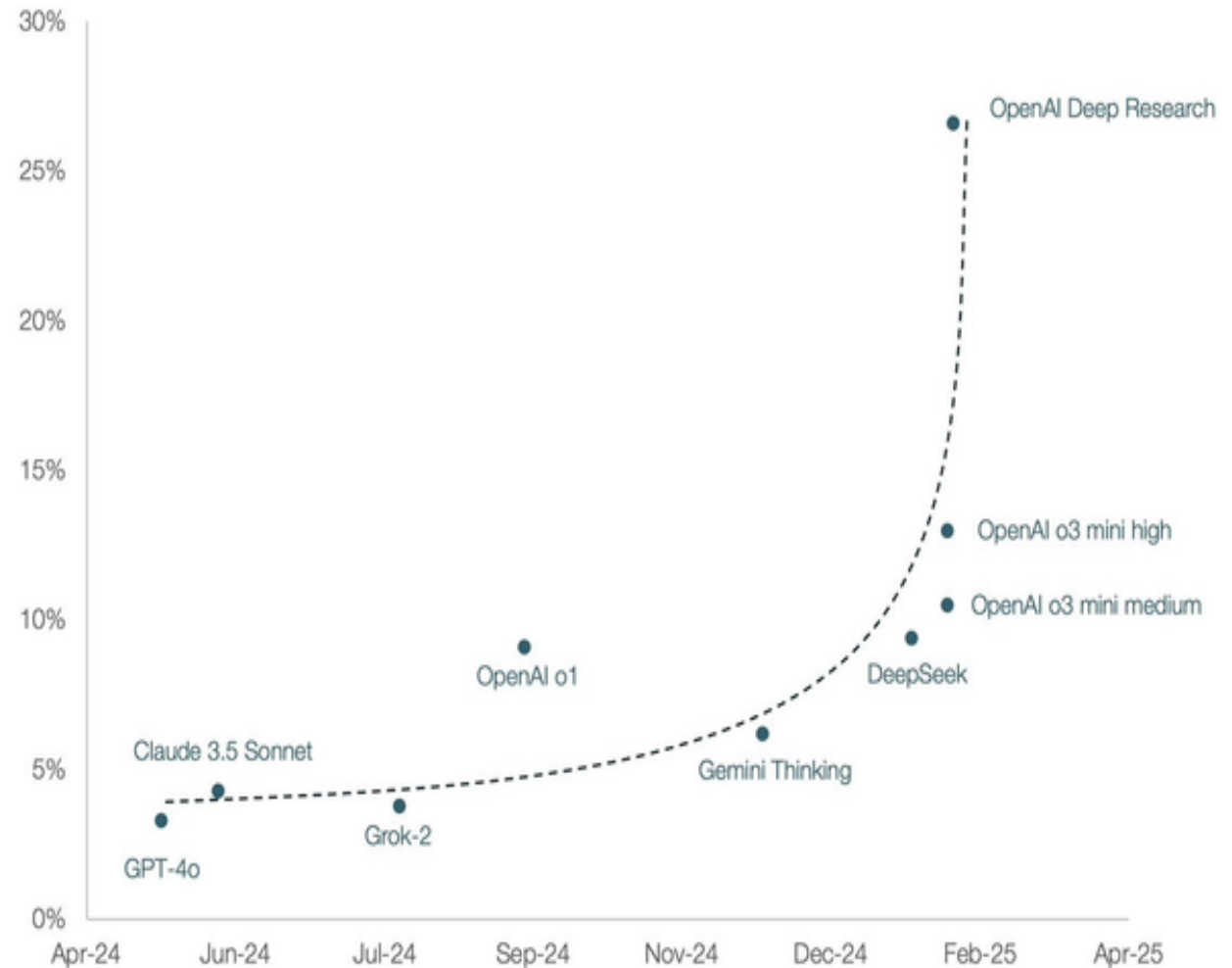
VISUAL CAPITALIST

Source: Stanford University, 2025 AI Index Report

# HUMANITY'S LAST EXAM

- KI-Benchmark
- Multimodal
- Extrem schwierig
- Fachübergreifend
- Expertenbasiert

## AI Scores on *Humanity's Last Exam*



Source: Tomas Pueyo for Uncharted Territories, with data from Dan Hendrycks, of *Humanity's Last Exam*

**Philip Pilkington** ✓  
@philippilk

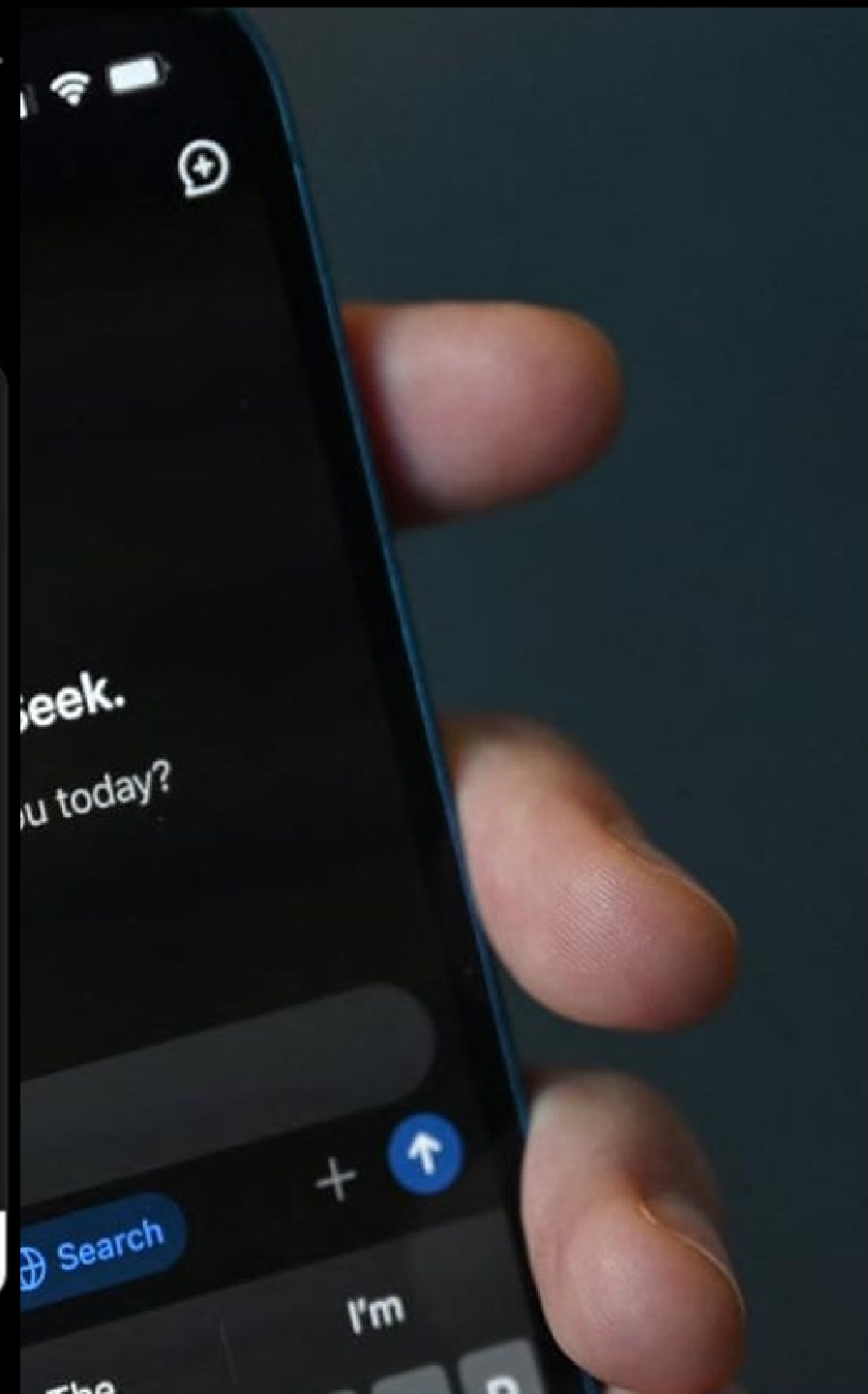
Will be interesting to see if this guy and his buddies end up blowing up the NASDAQ bubble. NVIDIA is something like 14% of the NASDAQ market cap right now. 📈

[Post übersetzen](#)



Liang Wenfeng, DeepSeek AI CEO.

1:54 nachm. · 25. Jan. 2025 · 20.172 Mal angezeigt



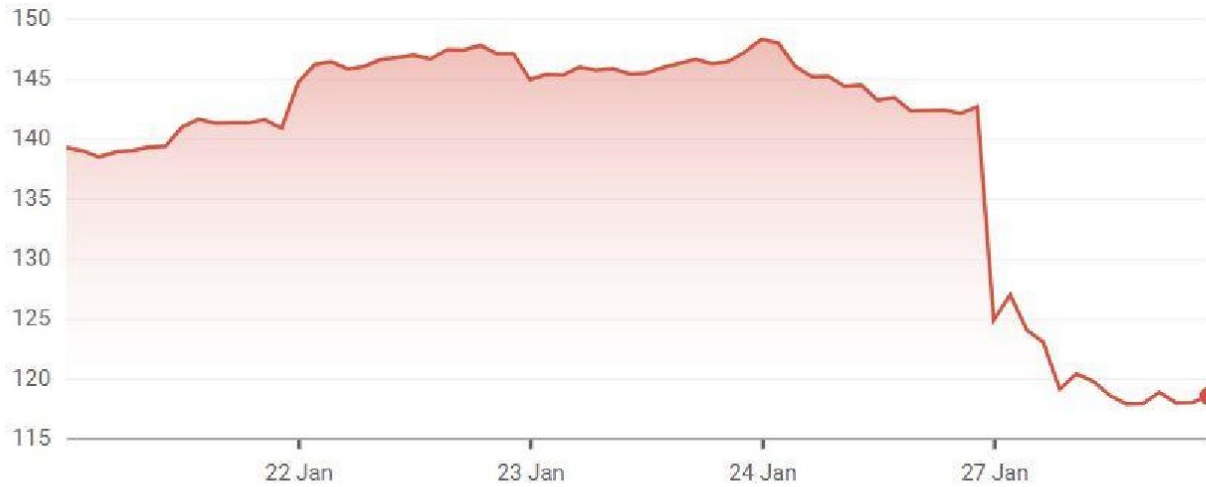
# NVIDIA Corp

**\$118.58** ↓ 14.83% -20.64 5 D

After hours: \$121.27 (↑ 2.27%) +2.69

Closed: 27 Jan, 19:30:04 UTC-5 · USD · NASDAQ · Disclaimer

1D 5D 1M 6M YTD 1Y 5Y MAX



Compare to

Apple Inc \$229.10 AAPL ↑ 2.32%	Tesla Inc \$397.15 TSLA ↓ 8.24%	Taiwan Semiconductor ... \$192.52 TSM ↓ 9.99%	Microsoft Corp \$434.56 MSFT ↑ 0.99%
---------------------------------------	---------------------------------------	---	--



SUBSCRIBE NOW

SIGN IN

## How DeepSeek erased Silicon Valley's AI lead and wiped \$1 trillion from U.S. markets

BY **NICHOLAS GORDON**  
March 30, 2025 at 8:00 PM EDT



# Trainingskosten von nur 6 Millionen Dollar? WIE IST DAS MÖGLICH???

**Freda Duan** @FredaDuan

The debates around DeepSeek are intense - US vs. China, big vs. small models, open vs. closed source, and the shockingly efficient architecture it represents. Pride, fear, disbelief, disgust - all these emotions have clouded the facts. A few personal thoughts:

**Thoughts on Training Costs:**

1 \$6M Training Costs = Plausible IMO

Quick math: Training costs = (active params \* tokens). DeepSeek v3 (37B params; 14.8T tokens) vs. Llama3.1 (405B params; 15T tokens) = v3 theoretically should be 9% of Llama3.1's cost. And the disclosed actual figures aligned with this back-of-the-envelope math, meaning, the number are directionally believable.

	DeepSeek v3 Jan-25	Llama3.1 Jul-24	DS vs. Llama
Parameter (B)	671 B	405 B	
Active Parameter (B)	37 B	405 B	
Training Tokens	14.8 T	15 T	
<b>Theoretical Training Costs</b>			<b>9%</b>
Actual Training Costs	2048 H800 GPUs 2 months 2664K GPU hours \$2 per GPU hour	16K H100 GPUs 54 days 20M GPU costs \$3-4 per GPU hour	
<b>Actual Training Costs</b>	<b>\$6M</b>	<b>\$80M</b>	<b>7%</b>

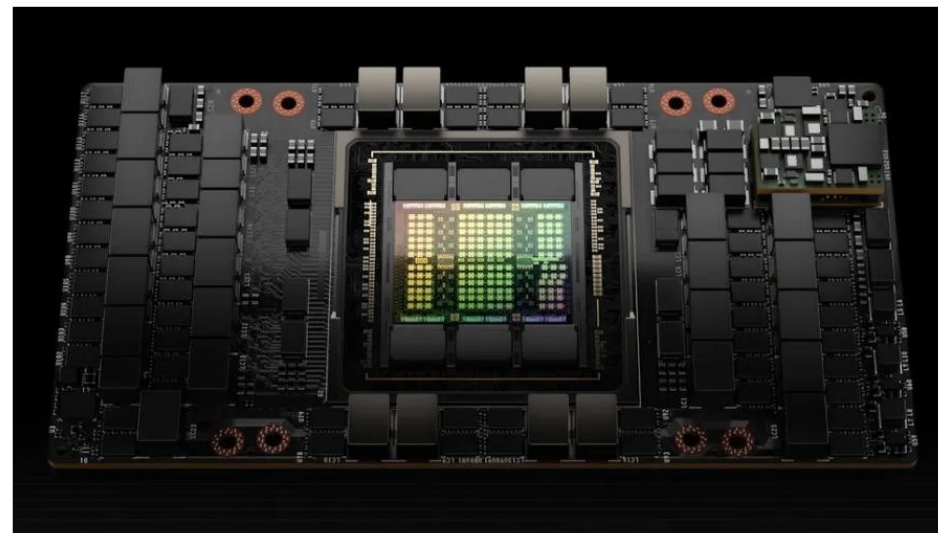
## DeepSeek's AI breakthrough bypasses industry-standard CUDA for some functions, uses Nvidia's assembly-like PTX programming instead

News By Anton Shilov published January 28, 2025

Dramatic optimizations do not come easy.

[f](#) [x](#) [t](#) [p](#) [r](#) [m](#) [c](#) Comments (51)

When you purchase through links on our site, we may earn an affiliate commission. [Here's how it works.](#)



Source:  
X (Freda Duan)  
[Tom's Hardware](#)

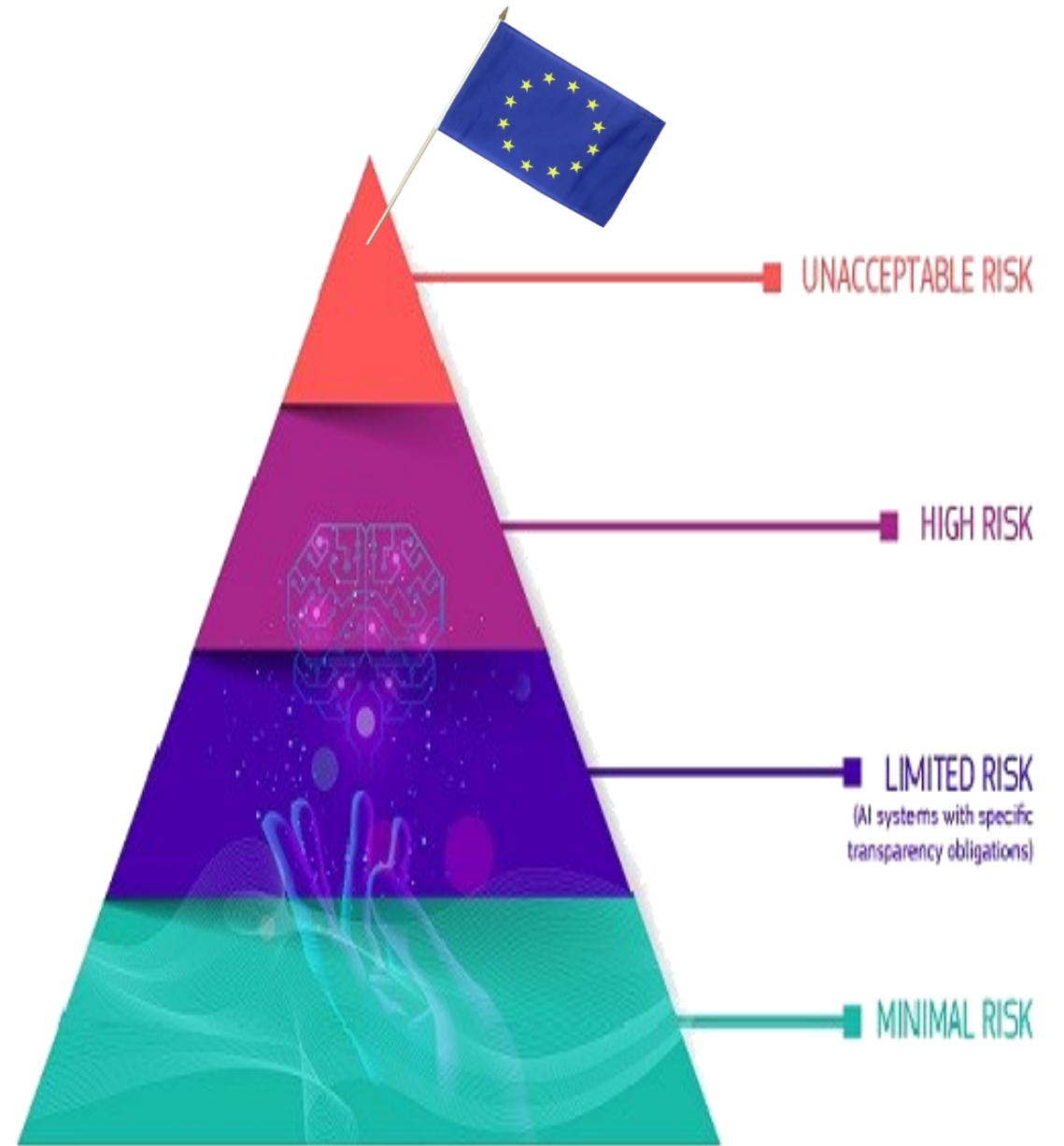
**America  
innovates**



**China  
replicates**



**Europe  
regulates**



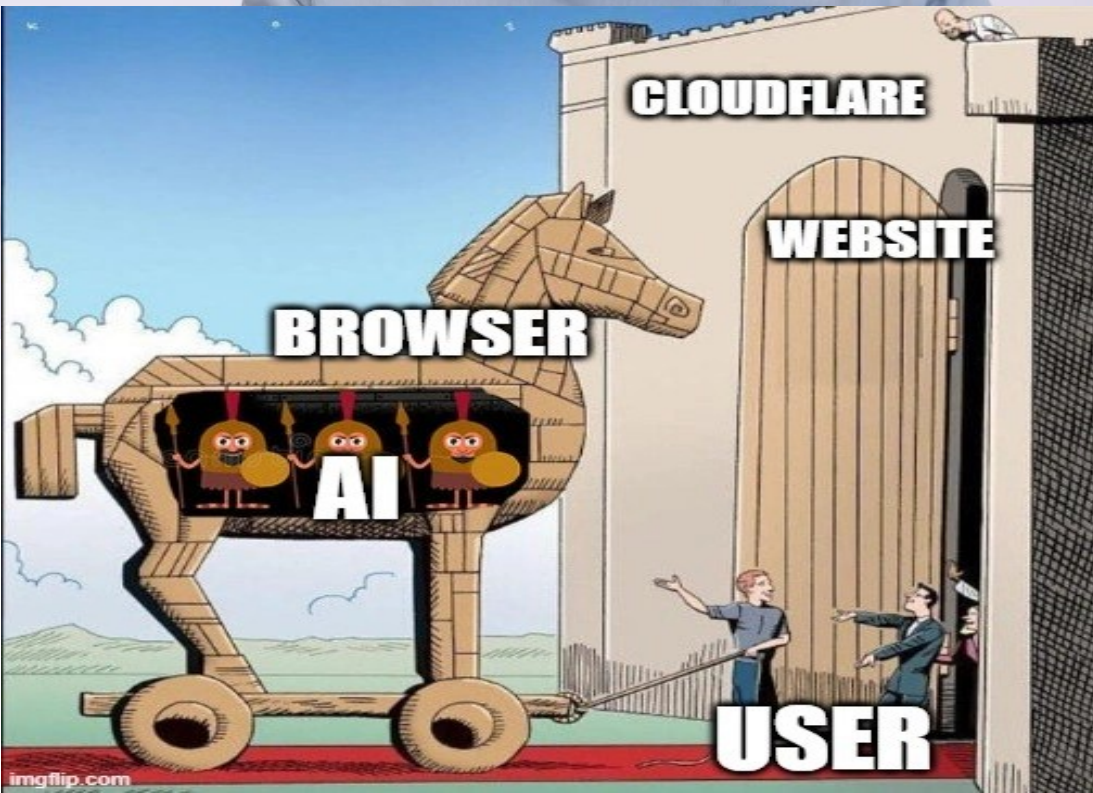


STARTUPS



## Perplexity offers to buy Chrome for billions more than it's raised

Julie Bort — 10:14 AM PDT · August 12, 2025



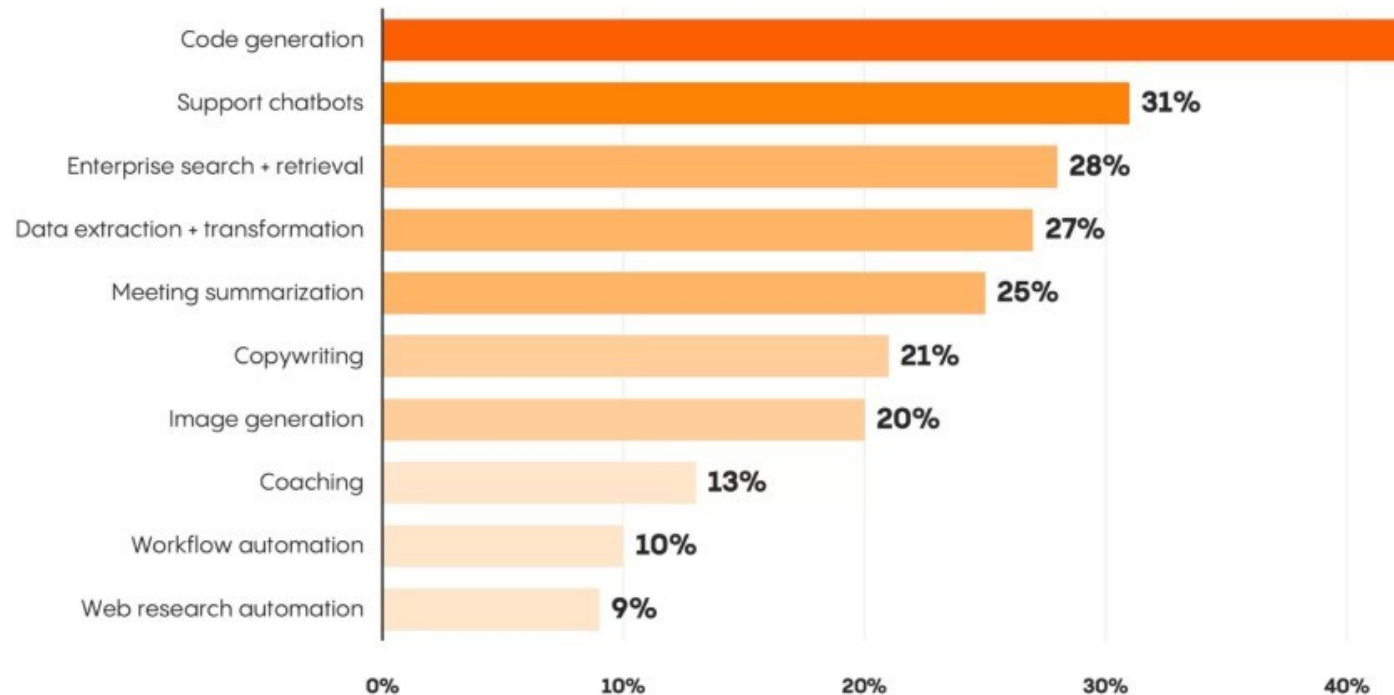
**Artikel: KI-Browser auf dem Vormarsch:  
Weichenstellung im digitalen Ökosystem**

<https://markus-begerow.de/zukunft-des-web-cloudflare-und-ki-browser/>

# KI-Nutzung in Unternehmen

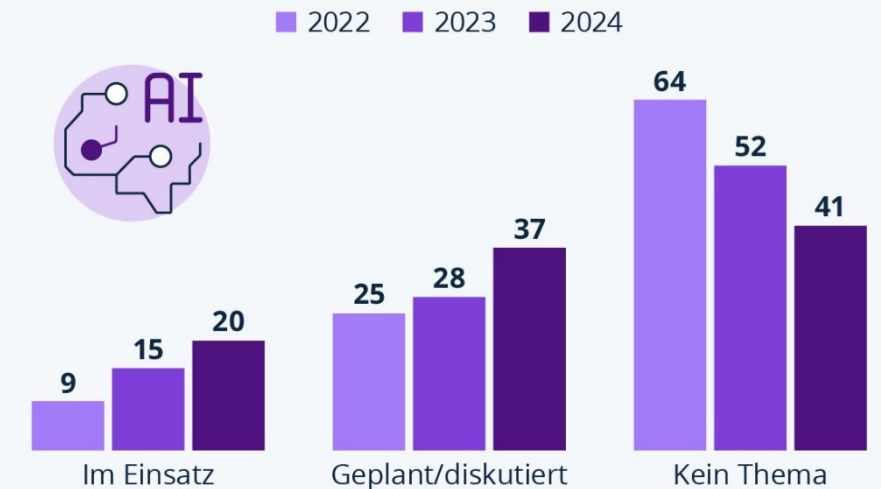
Wie zu erwarten, stehen Code-Generierung, Kundenservice und Analyseaufgaben klar im Vordergrund.

Dominant Generative AI Use Cases



## Jedes 5. Unternehmen in Deutschland setzt KI ein

Anteil der Unternehmen, bei denen künstliche Intelligenz im Einsatz/geplant/kein Thema ist (in %) **endlich**



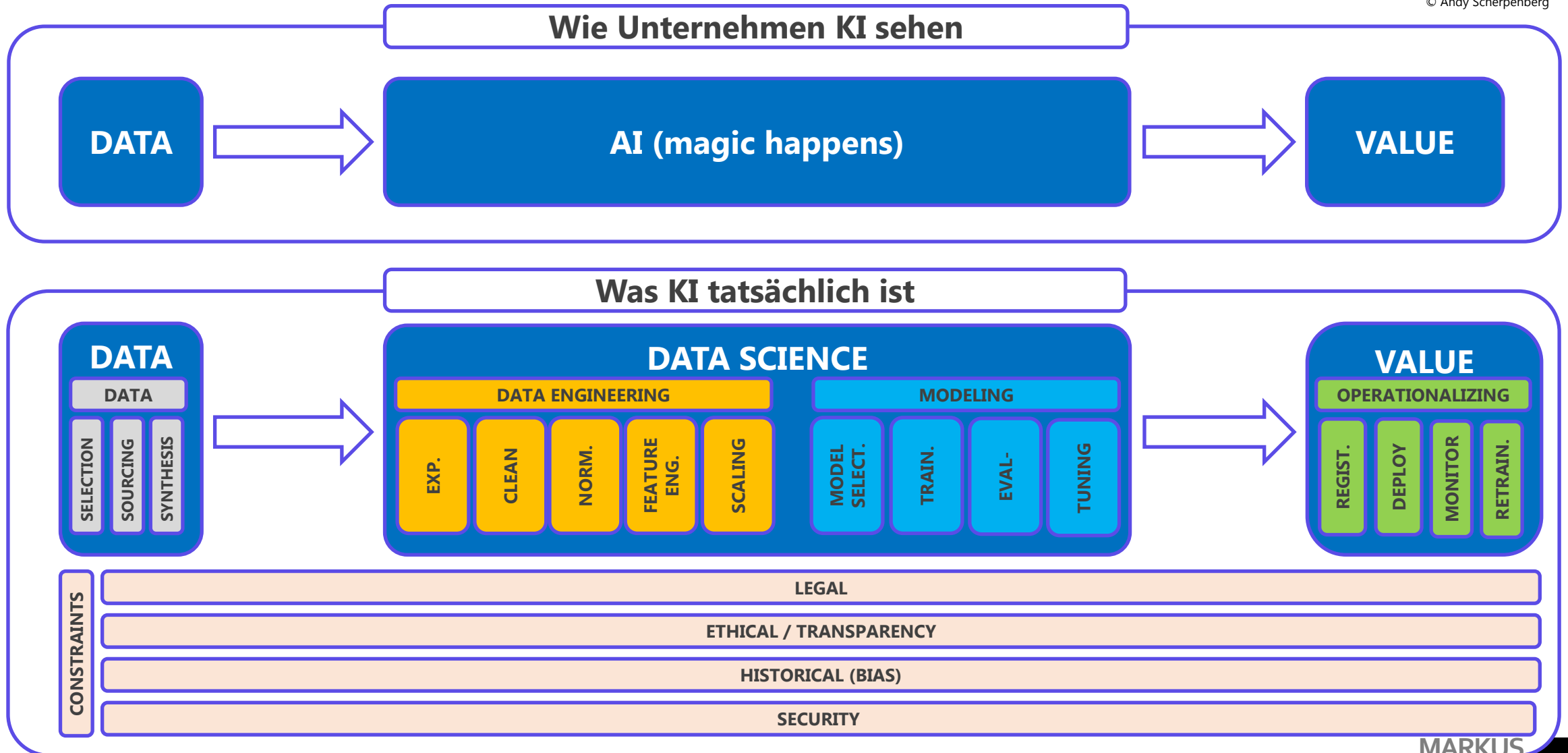
Basis: jew. rund 600 Unternehmen ab 20 Mitarbeiter:innen in Deutschland  
Quelle: Bitkom Research



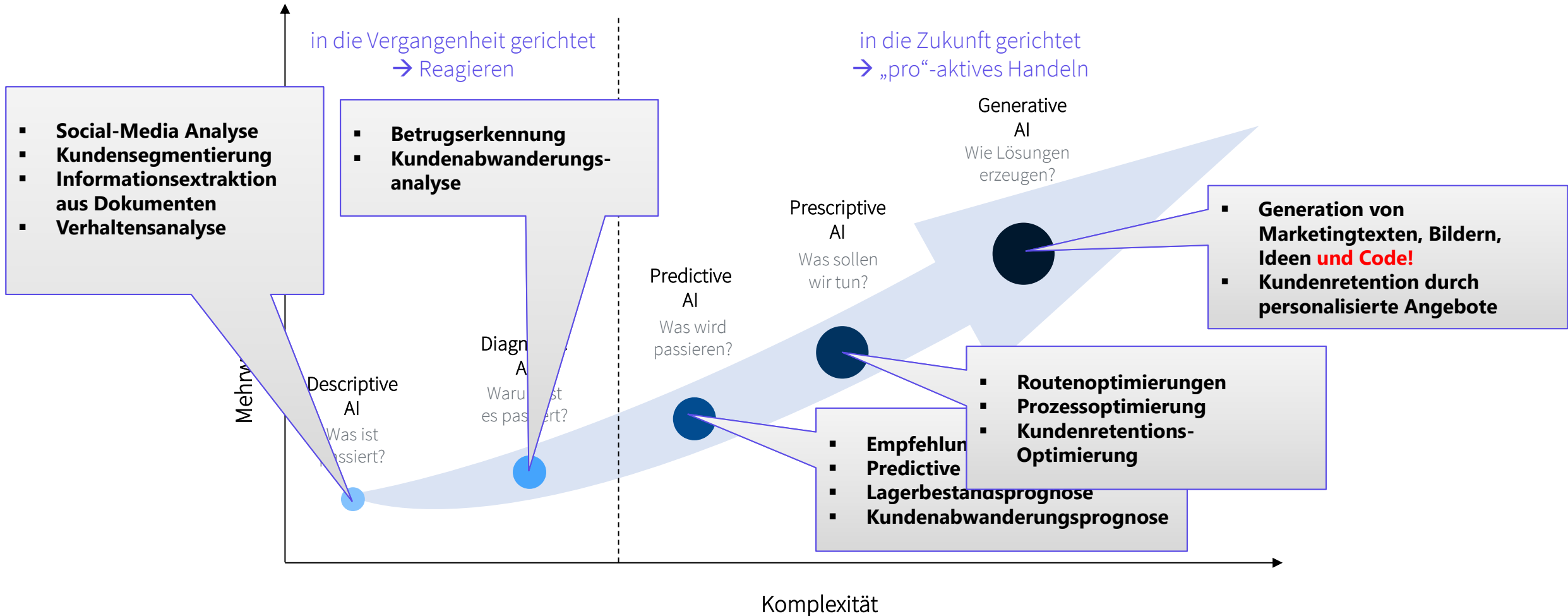
statista

# Wahrnehmung von Künstlicher Intelligenz

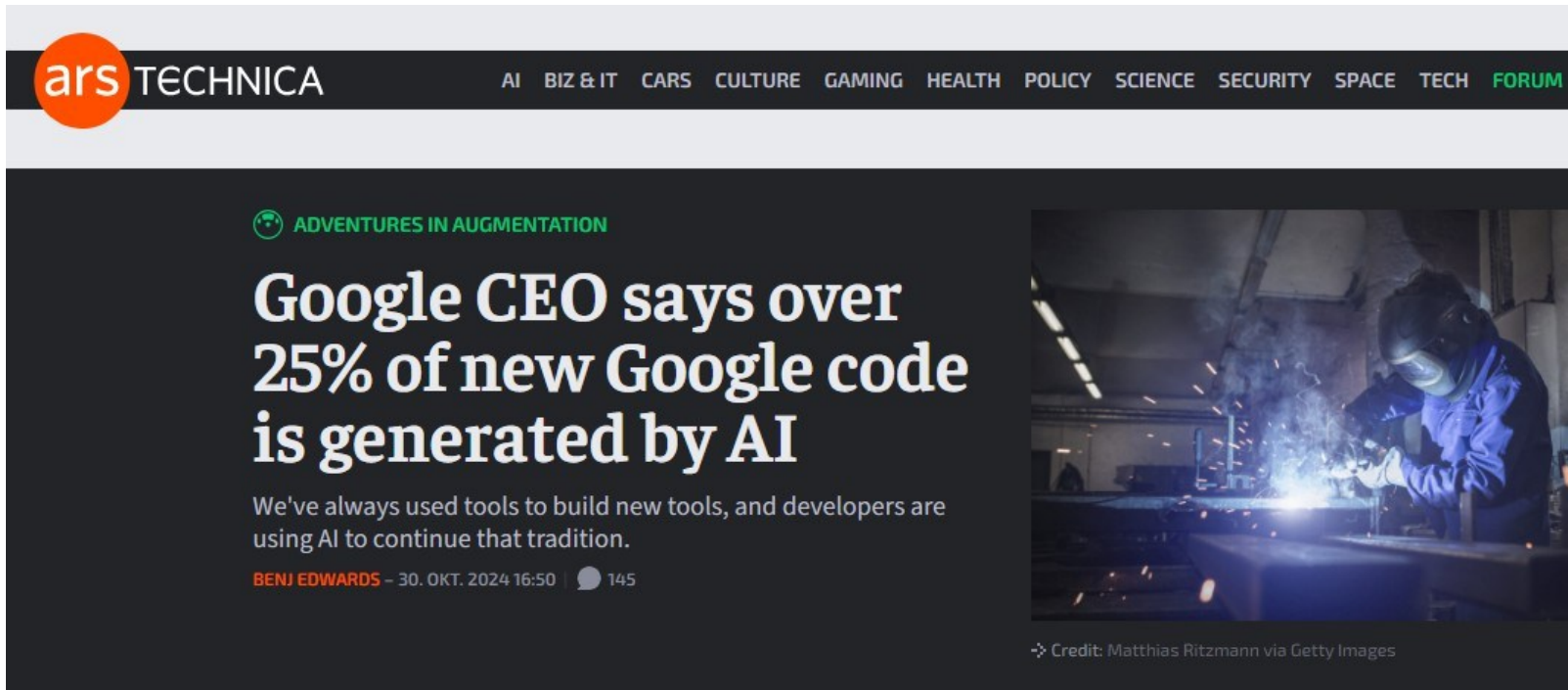
© Andy Scherpenberg



# Anwendungsfälle für KI und Data Science in Unternehmen



# GOOGLE CODE: 25 PROZENT VON KI GENERIERT



The screenshot shows the top of an Ars Technica article. The navigation bar includes 'ars TECHNICA' and various categories like AI, BIZ & IT, CARS, CULTURE, GAMING, HEALTH, POLICY, SCIENCE, SECURITY, SPACE, TECH, and FORUM. The article title is 'Google CEO says over 25% of new Google code is generated by AI'. Below the title is a sub-headline: 'We've always used tools to build new tools, and developers are using AI to continue that tradition.' The author is 'BENJ EDWARDS' and the date is '30. OKT. 2024 16:50'. There are 145 comments. A photo of a welder is shown on the right side of the article.

Source:  
ArsTechnica



On Tuesday, Google's CEO revealed that AI systems now generate more than a quarter of new code for its products, with human programmers overseeing the computer-generated contributions. The statement, made during Google's [Q3 2024 earnings call](#), shows how AI tools are already having a sizable impact on software development.

"We're also using AI internally to improve our coding processes, which is boosting productivity and efficiency," Pichai [said](#) during the call. "Today, more than a quarter of all new code at Google is generated by AI, then reviewed and accepted by engineers. This helps our engineers do more and move faster."

# MICROSOFT CEO: 30% DES CODES VON KI GESCHRIEBEN



## Microsoft CEO Says Up to 30% of the Company's Code was Written By AI

In a revealing conversation at Meta's LlamaCon conference, Microsoft CEO Satya Nadella stated that between 20% and 30% of the code across Microsoft's repositories is now generated by AI.

Nadella shared this insight during a fireside chat with Meta CEO Mark Zuckerberg, who asked how much of Microsoft's code was currently being written by artificial intelligence tools. According to Nadella, the impact of AI-generated code varies across programming languages — with stronger performance in Python and slower progress in C++.

The disclosure highlights how deeply AI is being integrated into software development workflows at one of the world's largest tech companies, as tools like GitHub Copilot and other large language models reshape coding practices.



## Satya Nadella says as much as 30% of Microsoft code is written by AI

PUBLISHED TUE, APR 29 2025 9:33 PM EDT | UPDATED TUE, APR 29 2025 9:58 PM EDT

Jordan Novet @JORDANNOVET Jonathan Vanian @IN/JONATHAN-VANIAN-8704432/

### KEY POINTS

- Microsoft CEO Satya Nadella on Tuesday said that as much as 30% of the company's code is now written by artificial intelligence.
- Nadella made the comments during a conversation before a live audience with Meta CEO Mark Zuckerberg at the social media company's LlamaCon AI developer event.
- Zuckerberg said Meta is focused on developing an AI model that can in turn build as much as half of other AI models within the next year.



### TRENDING NOW

- 1 27-year-old American moved to Germany to go to medical school: 'I feel really happy here'
  - 2 By 25, make sure to learn this crucial soft skill, says Ivy League psychologist: 'It is urgent'
  - 3 Trump posts AI-generated photo of himself dressed as the pope
- 6 big things investors learned from Wall Street



Facebook's CEO Mark Zuckerberg (L) speaks with Microsoft's CEO Satya Nadella after posing for a family picture [www.cnbc.com/2025/05/03/trump-pope-ai-image.html](https://www.cnbc.com/2025/05/03/trump-pope-ai-image.html) at the Elysee Palace in Paris, on May 23, 2018.

Source:  
[Reddit](#)  
[CNBC](#)

# MICROSOFT CTO: 95% AI CODE BY 2030

SOFTWARE AI MICROSOFT PROGRAMMING

## Microsoft CTO predicts AI will generate 95% of code by 2030

Developers' roles will shift toward orchestrating AI-driven workflows and solving complex problems

By Skye Jacobs April 3, 2025 at 3:51 PM | 15 comments



### MOST POPULAR



21 comments  
Is DDR5-8000 Worth It? The Ryzen AM5 Test





IMAGE CREDITS: MARK KAUZLARICH/BLOOMBERG / GETTY IMAGES



Charles Rollet

## Programmers bore the brunt of Microsoft's layoffs in its home state as AI writes up to 30% of its code

Coders were hit hardest among Microsoft's 2,000-person layoff in its home state of Washington, Bloomberg [reports](#).

Over 40% of the people laid off were in software engineering, making it by far the largest category, Bloomberg found based on state filings. Relatively few sales or marketing positions were affected, Bloomberg added.

STARTUPS



# A comprehensive list of 2025 tech layoffs

Cody Corral, Alyssa Stringer, Kate Park

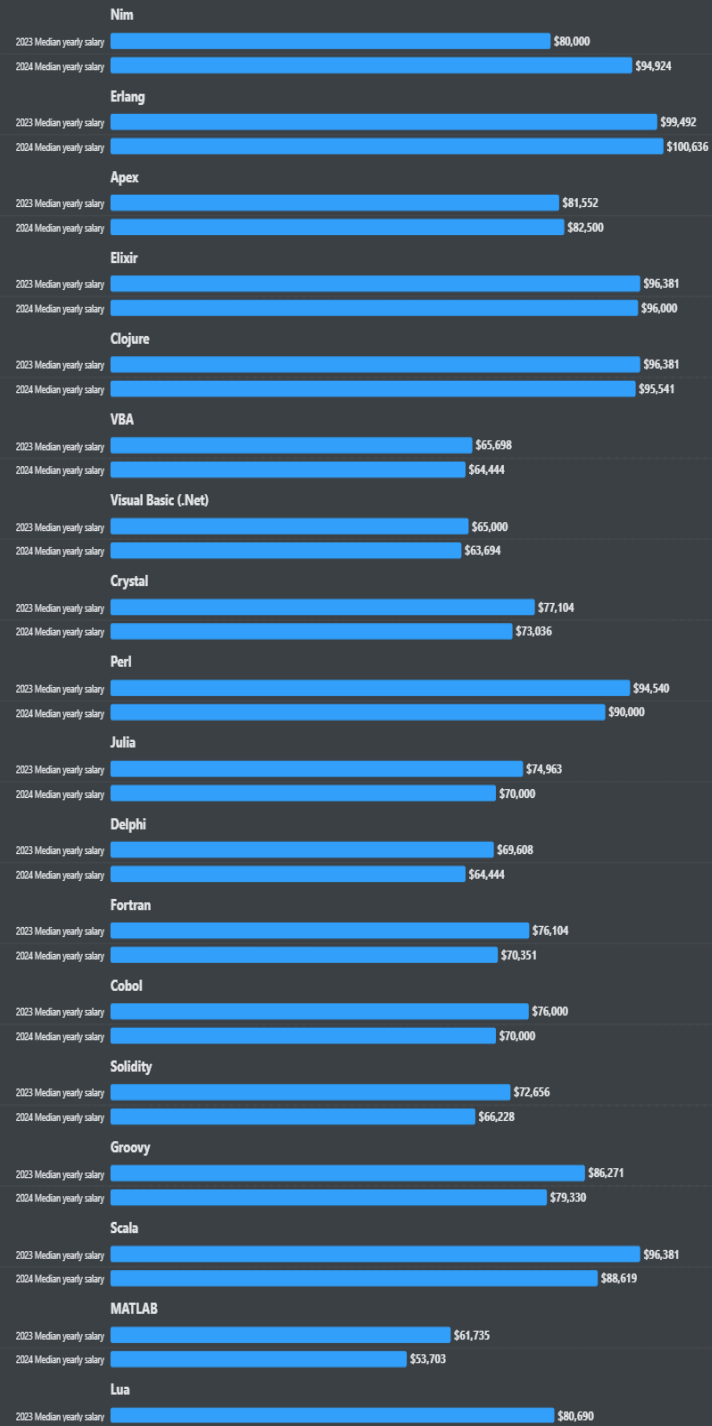
7:50 AM PDT · July 31, 2025

<https://techcrunch.com/2025/07/31/tech-layoffs-2025-list/>

## Change in salaries between 2023 and 2024

Nim, Erlang, and Apex developers all saw an increase in the median reported salary in 2024. All other developer technologies reported a decrease in median salary.

What is your current total annual compensation (salary, bonuses, and perks, before taxes and deductions)? Please enter a whole number in the box below, without any punctuation. If you are paid hourly, please estimate an equivalent yearly salary. If you prefer not to answer, please leave the box empty.



# Gehälter für Entwickler:innen gehen erstmals zurück

Populäre Programmiersprachen, wie **JavaScript, Python, Java, C#, C++, PHP** und **Ruby** verlieren 2024 zwischen 9 und 15% Gehalt.

\*) Mit Ausnahme von **Nim, Erlang** und **Apex**  
Source: [StackOverflow](https://stackoverflow.com)

# „Vibe Coding“ in aller Munde: Flugsimulator über Nacht

---

*Dank Cursor + Claude Sonnet 3.5: Keine Zeile Code, 500 Prompts, 50.000 Player*



Source:  
[Github](#)

SUCCESS · AI

# AI is 'breaking' entry-level jobs that Gen Z workers need to launch careers, LinkedIn exec warns



BY JASON MA  
WEEKEND EDITOR



"Breaking first is the bottom rung of the career ladder," said LinkedIn's chief economic opportunity officer, Aneesh Raman.

GETTY IMAGES

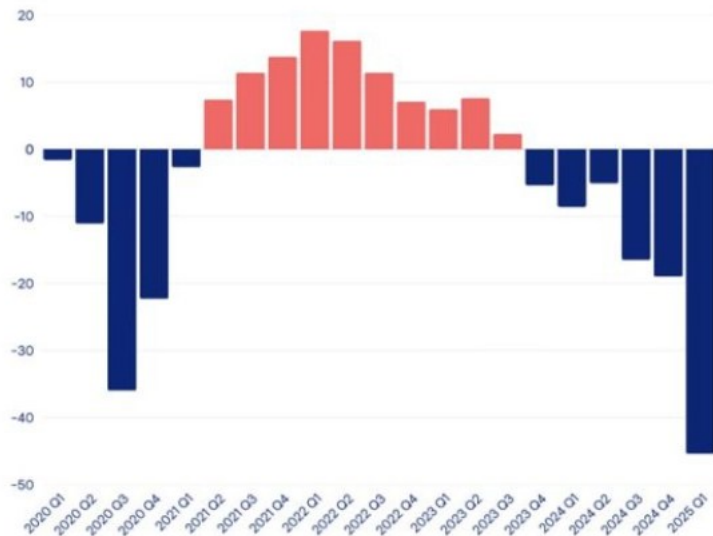
<https://fortune.com/2025/05/25/ai-entry-level-jobs-gen-z-careers-young-workers-linkedin/>

# KI verdrängt Berufseinsteiger

## Jetzt trifft der KI-Boom Berufsanfänger mit voller Wucht

Stand: 12.08.2025 | Lesedauer: 3 Minuten

### Anteil an Einstiegsjobs auf dem Tiefpunkt



Stellenanzeigen auf Stepstone.de, die sich an Berufseinsteiger\*innen richten  
Veränderung zum 5-Jahres-Durchschnitt in Prozent



Quelle: Getty Images/Nitat Termmee

<https://www.handelsblatt.com/technik/ki/arbeitsmarkt-ki-verdraengt-berufseinsteiger-welche-skills-jetzt-gefragt-sind/100144856.html>

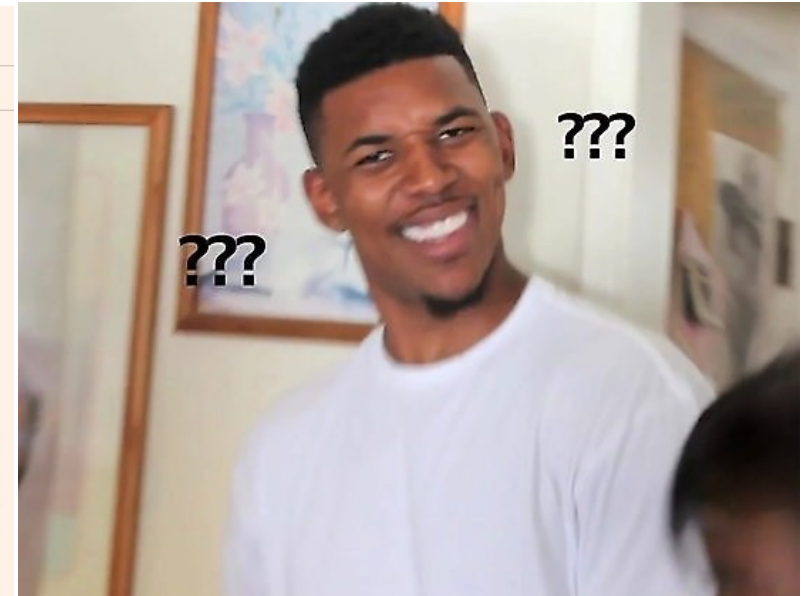
Die wirtschaftliche Lage macht die Jobsuche zurzeit schwer, es werden spürbar weniger Jobs ausgeschrieben. Am deutlichsten zeigt sich der Einbruch bei den Berufsanfängern – denn viele Branchen wollen Einstiegsjobs künftig automatisieren.

<https://www.welt.de/wirtschaft/article689b28d4b7e38d4fabb20a25/Jetzt-trifft-der-KI-Boom-Berufseinsteiger-mit-voller-Wucht.html>

# Zum Glück wird massiv in Sicherheit...

*Das Thema „Sicherheit“ bekommt ca. 1% der Ressourcen in der KI-Forschung*

The screenshot shows the Financial Times website with the article "OpenAI slashes AI model safety testing time". The article text states: "Testers have raised concerns that its technology is being rushed out without sufficient safeguards". The main image shows a hand holding a smartphone with the OpenAI logo on the screen. Below the image is the author's name, "Cristina Criddle in San Francisco", and the publication time, "Published 2 HOURS AGO". On the right side of the article, there is a section titled "Follow the topics in this article" with five topics listed: "US companies", "Tech start-ups", "Artificial intelligence", "Technology", and "OpenAI", each with a red "Added" button.



# Zenity AgentFlayer: Neue Zero-Click-Hacks gegen populäre KI-Tools



Sora prompted by THE DECODER



## SQL Injection



## Prompt Injection

Quelle: <https://the-decoder.de/zenity-agentflayer-neue-zero-click-hacks-gegen-populaere-ki-tools/>

# Generative KI war gestern - Autonome KI gibt den Ton an

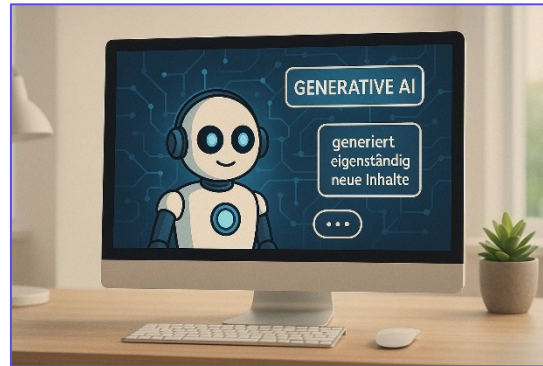
Status: -----



## Reaktive KI (vorgestern)

**Beschreibung:** Regelbasierte Programme, die nur dann aktiv werden, wenn eine klar definierte Bedingung erfüllt ist.

**Beispiel:** Regelbasierte Chatbots; Wenn-Dann-Bedingungen



## Generative KI (gestern)

**Beschreibung:** Künstliche Intelligenz, die mithilfe von Trainingsdaten selbstständig neue Inhalte erstellt.

**Beispiel:** ChatGPT und Bildgenerierung z.B. DALL-E



## Autonome KI (heute)

**Beschreibung:** Intelligente Systeme, die autonom handeln und dabei ihre Umwelt gezielt beeinflussen.

**Beispiel:** Autonome Drohnen (z.B. im Katastrophenschutz)



## Verkörpernte KI (morgen)

**Beschreibung:** Verkörpernte KI, die durch Sensoren und Aktoren physisch agiert und menschliche Wahrnehmungseigenschaften nachbildet.

**Beispiel:** Humanoide Serviceroboter mit adaptiver Interaktion

# Wenn die KI-Agenten 24/7 arbeiten...

## THE WALL STREET JOURNAL.

English Edition | Print Edition | Video | Audio | Latest Headlines | More

Philipp Kloeckner

EXPLORE BARRON'S

Source:  
[Wall Street Journal](#)

Latest World Business U.S. Politics Economy Tech Markets & Finance Opinion Arts Lifestyle Real Estate Personal Finance Health Style Sports

STEVEN ROSENBUCH

### AI Is Enabling an Always-On Economy. Companies Need to Pick Up the Pace.

Intelligent agents make it easier for supply chains, logistics, cybersecurity, market research and more to operate 24 hours a day

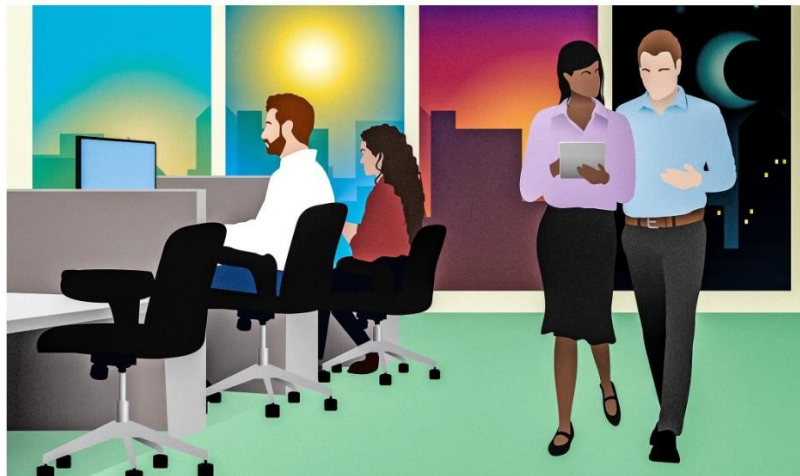


By Steven Rosenbush [Follow](#)

April 19, 2025 8:00 am ET

[Share](#) [Bookmark](#) [AA](#) [Gift unlocked article](#)

[Listen](#) (4 min)



Companies need to start adapting for a world in which more markets operate 24 hours a day, much as trading does now. ILLUSTRATION: THOMAS R. LECHLEITER/WSJ

Precedence RESEARCH

### Agentic AI Market Share, By Region, 2024 (%)



Source: <https://www.precedenceresearch.com/agentic-ai-market>

<https://www.precedenceresearch.com/agentic-ai-market>

# Erste Nachweise zur Veränderung im Gehirn aufgetaucht

## Your Brain on ChatGPT: Accumulation of Cognitive Debt when Using an AI Assistant for Essay Writing Task<sup>△</sup>

<b>Nataliya Kosmyna</b> <sup>1</sup> MIT Media Lab Cambridge, MA	<b>Eugene Hauptmann</b> MIT Cambridge, MA	<b>Ye Tong Yuan</b> Wellesley College Wellesley, MA	<b>Jessica Situ</b> MIT Cambridge, MA
<b>Xian-Hao Liao</b> Mass. College of Art and Design (MassArt) Boston, MA	<b>Ashly Vivian Beresnitzky</b> MIT Cambridge, MA	<b>Iris Braunstein</b> MIT Cambridge, MA	<b>Pattie Maes</b> MIT Media Lab Cambridge, MA

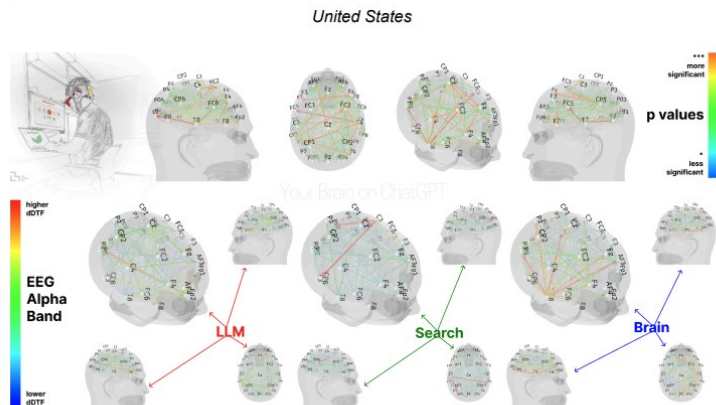


Figure 1. The dynamic Direct Transfer Function (dDTF) EEG analysis of Alpha Band for groups: LLM, Search Engine, Brain-only, including p-values to show significance from moderately significant (\*) to highly significant (\*\*\*).

<sup>1</sup> Nataliya Kosmyna is the corresponding author, please contact her at [nkosmyna@mit.edu](mailto:nkosmyna@mit.edu)

<sup>△</sup> Distributed under [CC BY-NC-SA](https://creativecommons.org/licenses/by-nc-sa/4.0/)

<https://arxiv.org/pdf/2506.08872v1>



Roselavy / Shutterstock

<https://theconversation.com/mit-researchers-say-using-chatgpt-can-rot-your-brain-the-truth-is-a-little-more-complicated-259450>

# Cognitive Offloading killt das Gedächtnis

UK NEWS WEBSITE OF THE YEAR 2024

**The Telegraph**

Your Say News Sport Business Money Opinion Ukraine Travel Health Lifestyle Culture Puzzles Po

UK news Politics World Donald Trump Health news Defence Science Education Environment Investigations

## Smartphones free up our brains by storing information - but can also ruin our memory, experts find

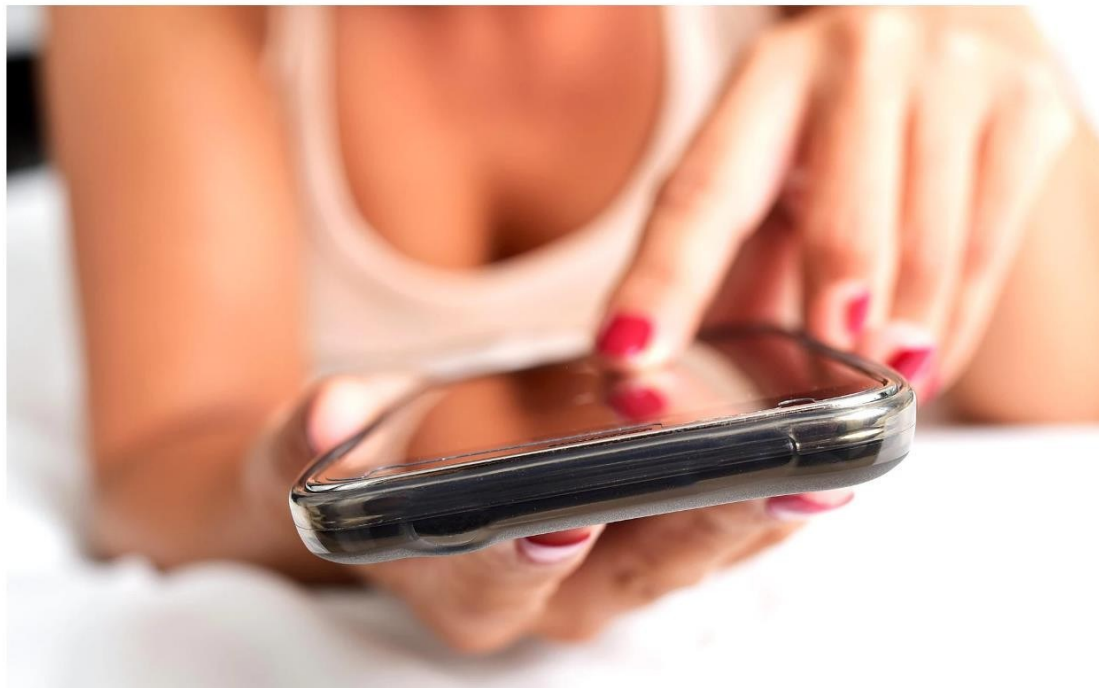
Lydia Willgress

READ MORE ABOUT:  
Gadgets, Cameras, Internet

17 August 2016 8:27am BST



Gift this article free



Our ability to recall details and facts has been affected by the use of a number of technologies Credit: Alamy Stock Photo

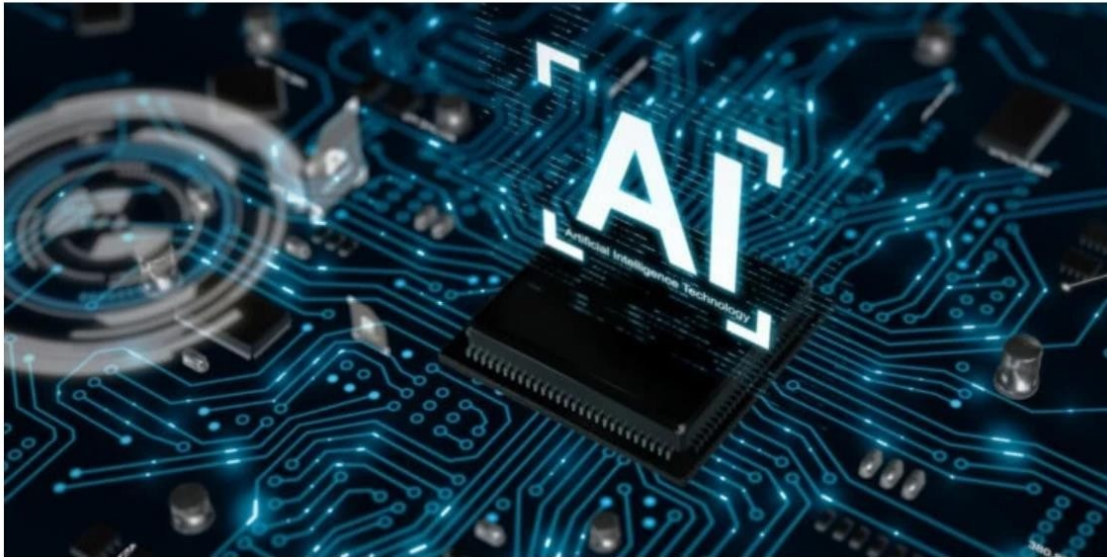
Source:  
[The Telegraph](#)

# Was wird KI mit unserem Gehirn machen?

Home > Exclusive > Artificial Intelligence

## AI tools may weaken critical thinking skills by encouraging cognitive offloading, study suggests

by [Eric W. Dolan](#) — March 21, 2025 in [Artificial Intelligence](#), [Cognitive Science](#)



SUBSCRIBE

NEWS

# Exploring the Dangers of AI in Mental Health Care

DATE

JUNE 11, 2025

TOPICS

HEALTHCARE

GENERATIVE AI

A new Stanford study reveals that AI therapy chatbots may not only lack effectiveness compared to human therapists but could also contribute to harmful stigma and dangerous responses.

Therapy is a well-tested approach to helping people with mental health challenges, yet research shows that nearly 50 percent of individuals who could benefit from

<https://hai.stanford.edu/news/exploring-the-dangers-of-ai-in-mental-health-care>



# Was hält die Zukunft für uns bereit?



# Bio-Computing könnte Realität werden

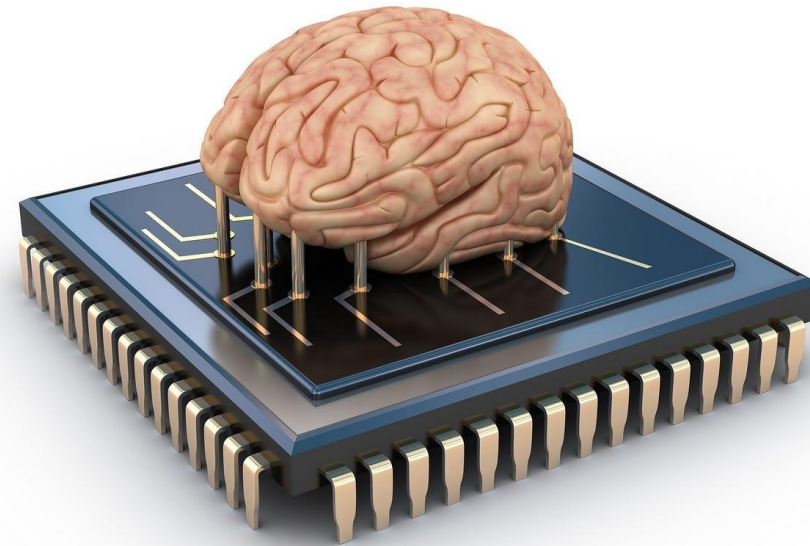
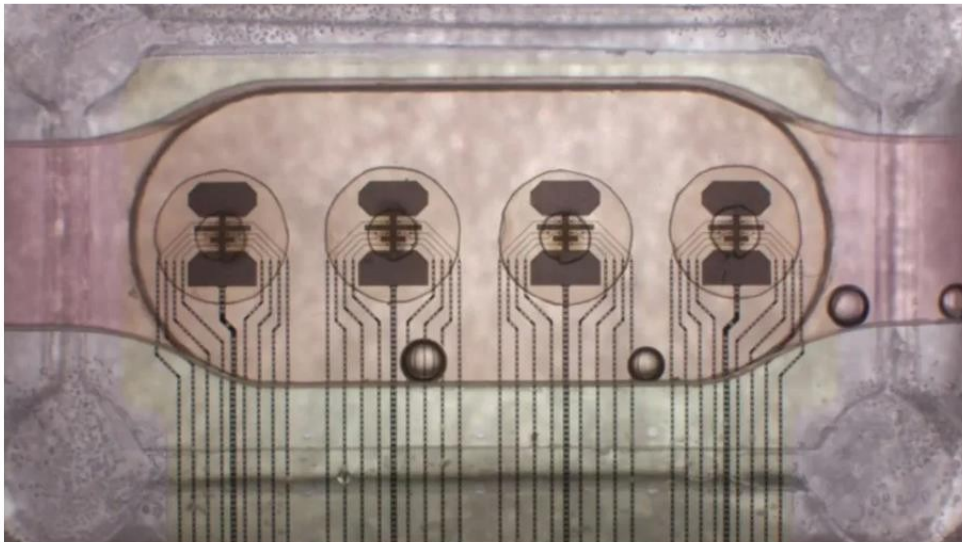
World's first bioprocessor uses 16 human brain organoids for 'a million times less power' consumption than a digital chip

News By Mark Tyson published May 26, 2024

Swiss startup claims its Neuroplatform is a first for biocomputing.

[f](#) [X](#) [t](#) [p](#) [r](#) [e](#) [m](#) [c](#) Comments (32)

When you purchase through links on our site, we may earn an affiliate commission. [Here's how it works.](#)



Source:  
Tom's Hardware

# G1 Nails World's First Kip-up!



<https://www.youtube.com/watch?v=Nkh6RUocD8c>



**Markus Begerow** ✓

Advisor for Data, AI & Blockchain | Speaker · Author · Mentor

Berlin Metropolitan Area · [Contact info](#)

[Follow the white rabbit](#) ↗

1.671 followers · 500+ connections

[+ Follow](#)

[Message](#)

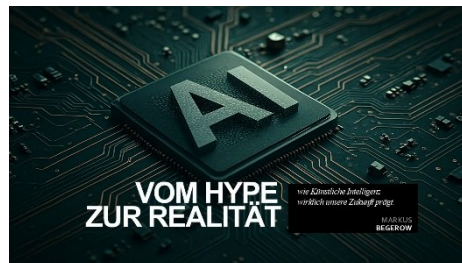
[More](#)



Technische Hochschule  
Wildau

# THANK YOU!

Slides, Sources, Tools:  
[markus-begerow.de](http://markus-begerow.de)



📱 [@markusbegerow](#)

✉️ [mail@markus-begerow.de](mailto:mail@markus-begerow.de)

🌐 [linkedin.com/in/markusbegerow](https://linkedin.com/in/markusbegerow)