

KÜNSTLICHE INTELLIGENZ

22. Mai 2025





Was ist das?

A) eine Kuh

B) ein Zug

AI

Artificial Intelligence



GAI («Gen AI»)

Generative
Artificial
Intelligence



AGI (HLMI)

Artificial General Intelligence

(Human Level Machine Intelligence)



SI

Super Intelligence



Wann kommt AGI?

<https://arxiv.org/abs/2401.02843>

2020: ????

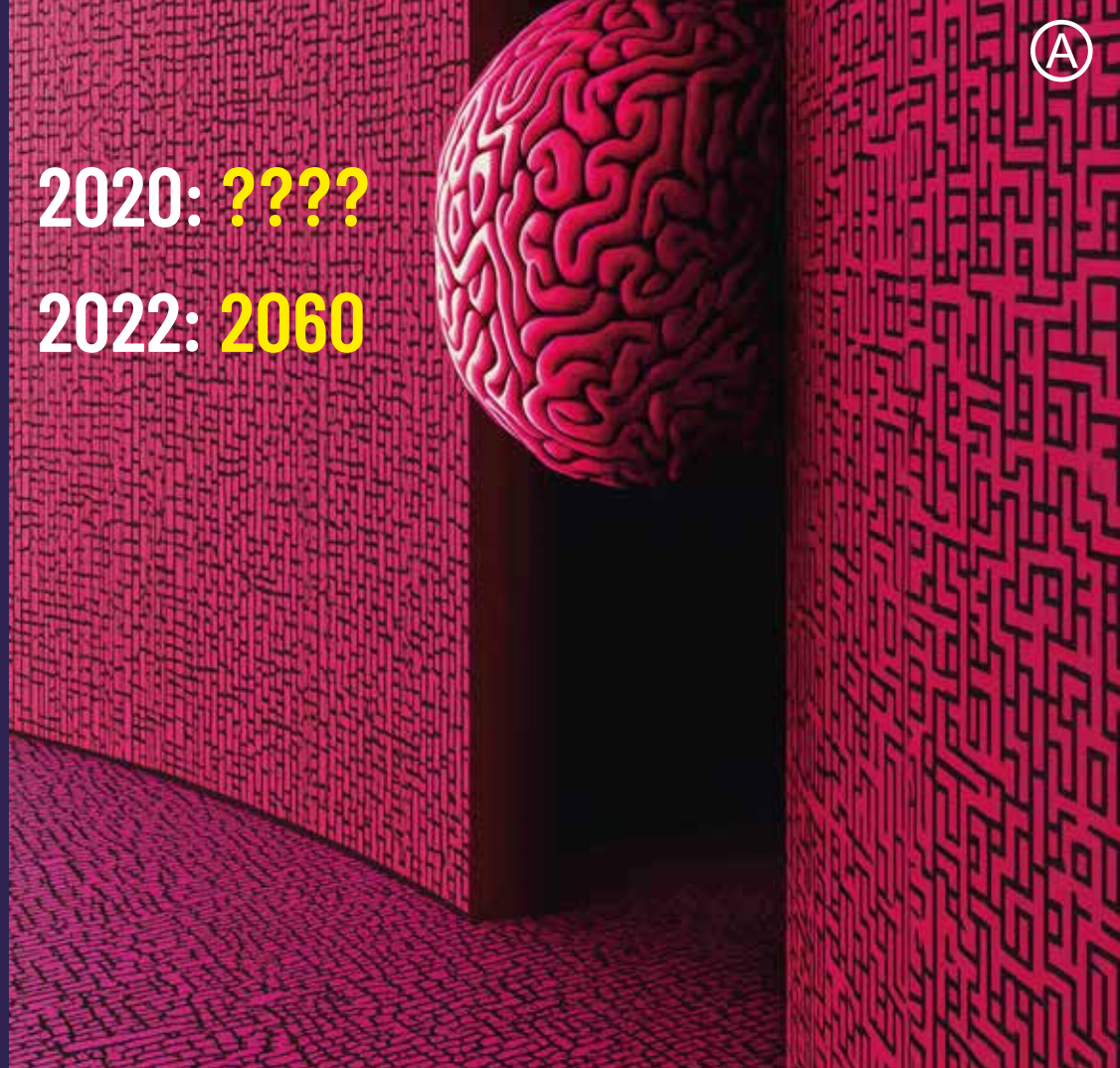


Wann kommt AGI?

2020: ????

2022: 2060

<https://arxiv.org/abs/2401.02843>



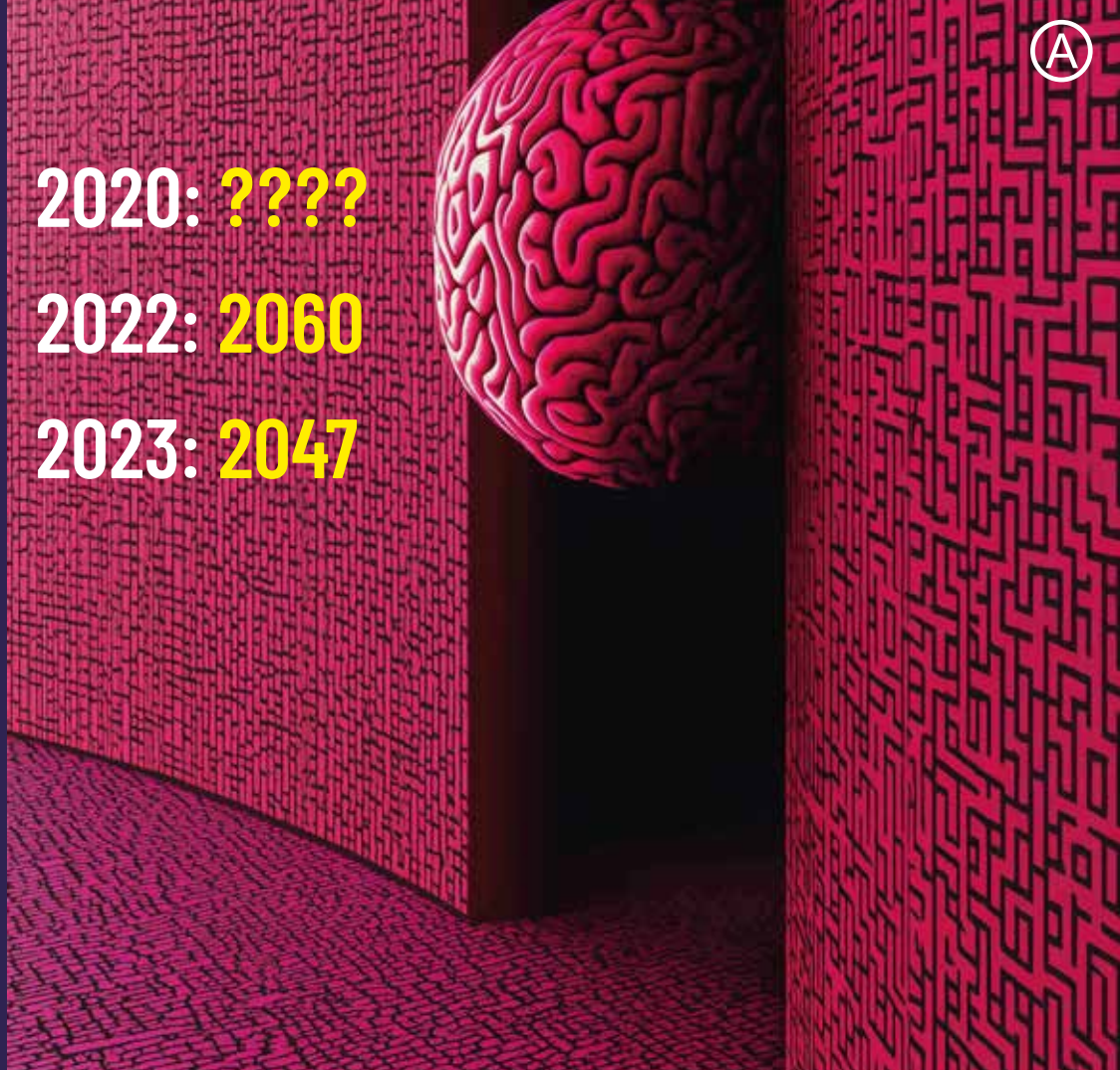
Wann kommt AGI?

2020: ????

2022: 2060

2023: 2047

<https://arxiv.org/abs/2401.02843>



Wann kommt AGI?

2020: ?????

2022: 2060

2023: 2047

2024: 2032



Wann kommt AGI?

2020: ????

2022: 2060

2023: 2047

2024: 2032

2025: 2026?



Schritt 1

Conversational AI

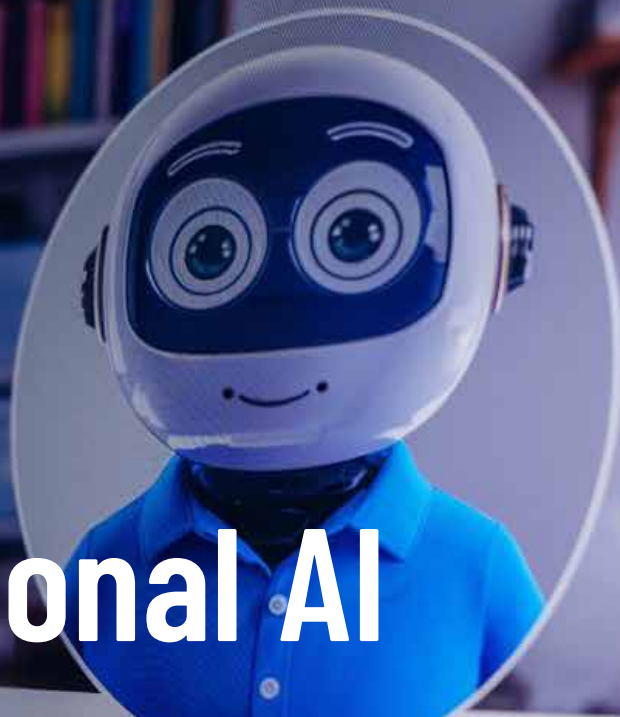


Hello! How can I assist you today?

Schritt 1

Conversational AI

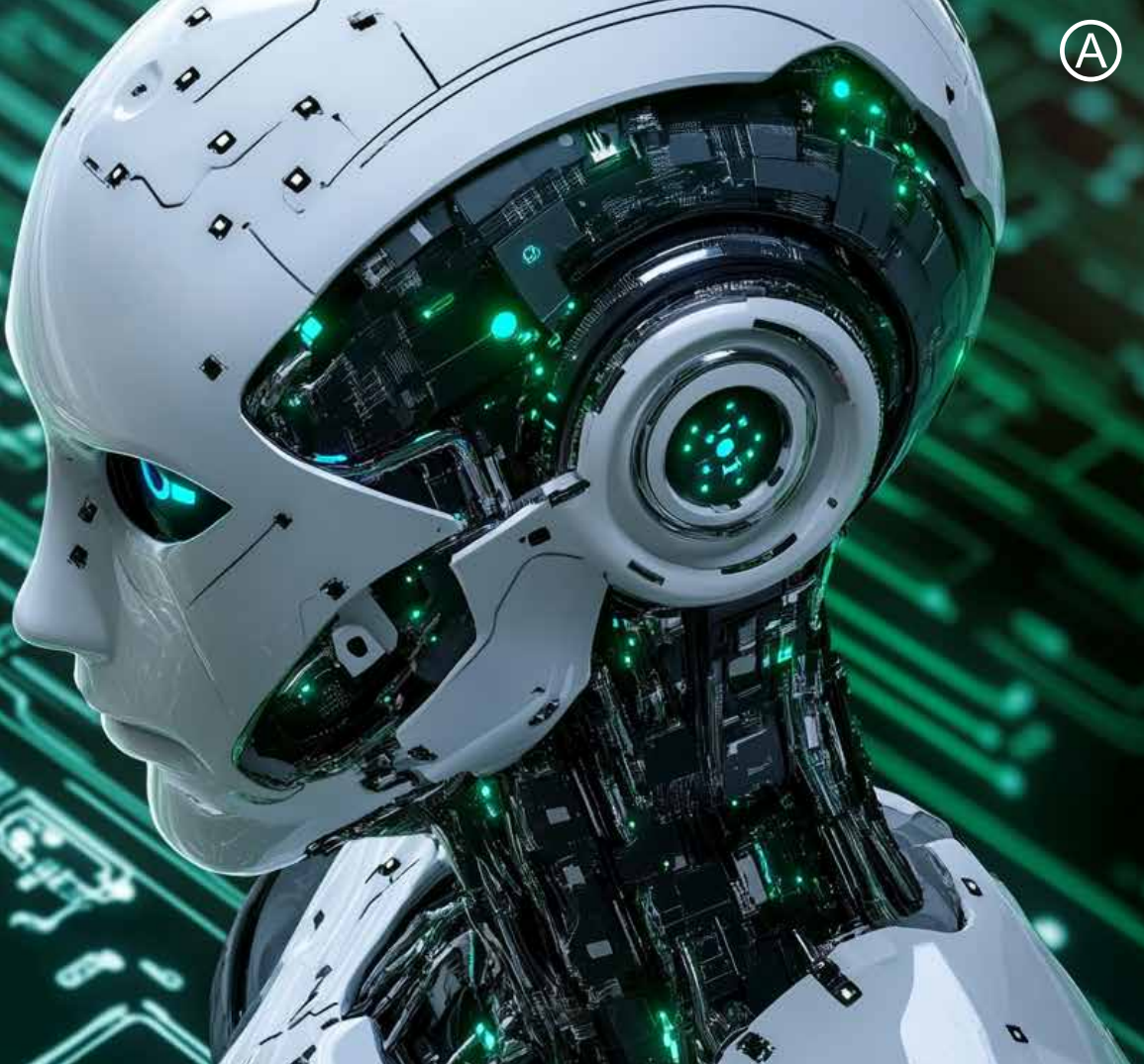
erreicht



Hello! How can I assist you today?

Schritt 2

Denker



Schritt 2

Denker

erreicht



Schritt 3 Agents



bald erreicht

Schritt 3
Agents

Schritt 4 Innovatoren

Schritt 5

Organisationen



Sam Altman

»Wir wissen jetzt, wie man AGI baut.«

»2025 werden die ersten Agents Teil der Workforce.«

»Wir konzentrieren uns bereits auf die Superintelligenz.«

»Alle 12 Monate sinken die Kosten für um 90 %.«



Hire Artisans, Not Humans

ava@artisan.co



ARTISAN

14X48

OUTFRONT

464050

CALIFORNIA

Artisans Are
Excited to Work
70+ Hours a Week

The Era of AI
Employees Is Here

Artisans Won't Complain About Work-Life Balance



**Humans Are
So 2023**



STOP HIRING HUMANS

Interview Ava, the AI BDR

415-936-0349



AI BDR Ava



ARTISAN

artisan.co

3602 37x62

CAPITOL

FedEx

NO PARKING
2m - 6m
TUES - FRI

PUBLIC PARKING

Mark Zuckerberg

“Every business is going to have an AI agent.”

“... there will be more AI agents than there are people in the world.”

Interview on the therundown.ai in July 24

<https://www.youtube.com/watch?v=Vy30kbtUa5k>

Dario Amodei

“ ... past the point where we reach
a country of geniuses in a datacenter
... our current economic setup
will no longer make sense ... ”

[https://www.darioamodei.com/
essay/machines-of-loving-grace](https://www.darioamodei.com/essay/machines-of-loving-grace) in October 2024



Analysis February 21, 2025

‘Humans need not apply’: Are AI agents already taking our jobs?

Estonia's Hertwill is the latest startup advertising for "AI-only" roles

Kai Nicol-Schwarz 3 min read

Quelle: sifted.eu

2022

Lernt programmieren!

2025

Dario Amodei

CEO Anthropic

»In 3 bis 6 Monaten wird KI
90 % vom Code schreiben.«



2025

Sam Altman

»Ende 2025 wird vielleicht eine Maschine der beste Coder sein.«



Eric Schmidt

"... within one year
the vast majority of
programmers will be
replaced by
AI programmers."

[https://www.youtube.com/
watch?v=L5jhEYofpaQ&t=847s](https://www.youtube.com/watch?v=L5jhEYofpaQ&t=847s) in April 25

Ben Buchanan

**top adviser on AI
in the Biden White House**

»Systeme, die Menschen
in kognitiv herausfordernden Berufen
ersetzen können – oder in
wesentlichen Teilen davon.«

<https://www.youtube.com/watch?v=Btos-LEYQ30>



Sebastian Siemiatkowski

CEO Klarna

»Das passiert nicht
in der Zukunft –
das passiert jetzt.«



© Klarna

Klarna

ersetzt jedes Jahr 20 % der Menschen – von 5000 auf 2000

10 Millionen USD Einsparungen im Marketing im Jahr

ca. 80 % Zeitersparnis bei Vertragserstellungen

ca. 7 % der Belegschaft sind KI-Kerngruppe

<https://www.nytimes.com/2025/02/02/business/klarna-ceo-ai.html>

<https://www.bbc.com/news/articles/c80e1gp9m9zo>

Tobias Lütke

CEO Shopify

- KI einzusetzen wird bei Shopify von allen erwartet.
- Wer neue Personen einstellen will, muss demonstrieren, dass der Job nicht durch AI Agents übernommen werden kann.

<https://x.com/tobi/status/1909251946235437514>



Navigating the Jagged Technological Frontier: Field Experimental Evidence of the Effects of AI on Knowledge Worker Productivity and Quality

Fabrizio Dell'Acqua
Edward McFowland III
Ethan Mollick
Hila Lifshitz-Assaf
Katherine C. Kellogg

Saran Rajendran
Lisa Kraymer
François Candelon
Karim R. Lakhani

Feldforschung: Qualität und Produktivität



**Harvard
Business
School**

https://www.hbs.edu/ris/Publication%20Files/24-013_d9b45b68-9e74-42d6-a1c6-c72fb70c7282.pdf

Steigerung durch Einsatz von ChatGPT-4

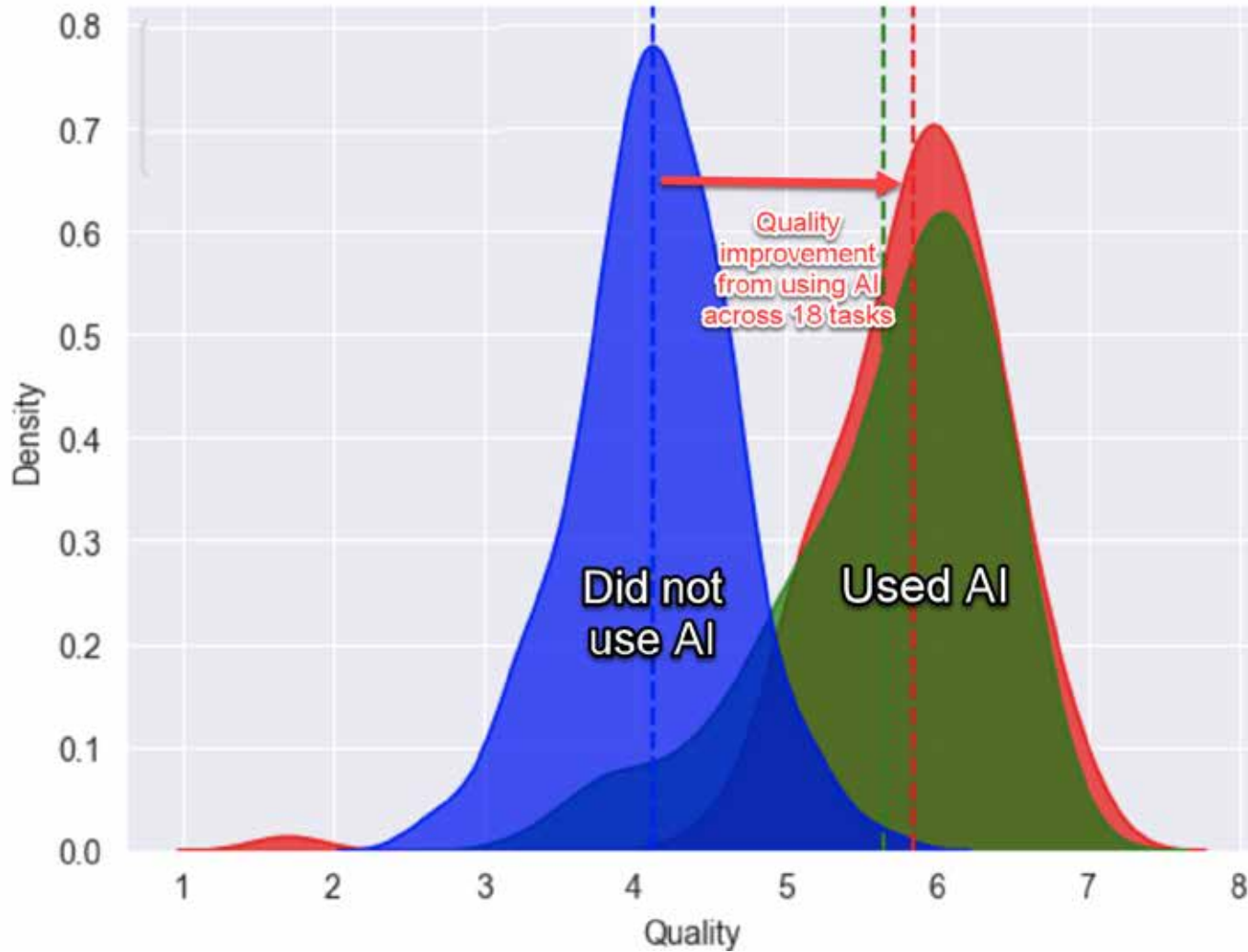
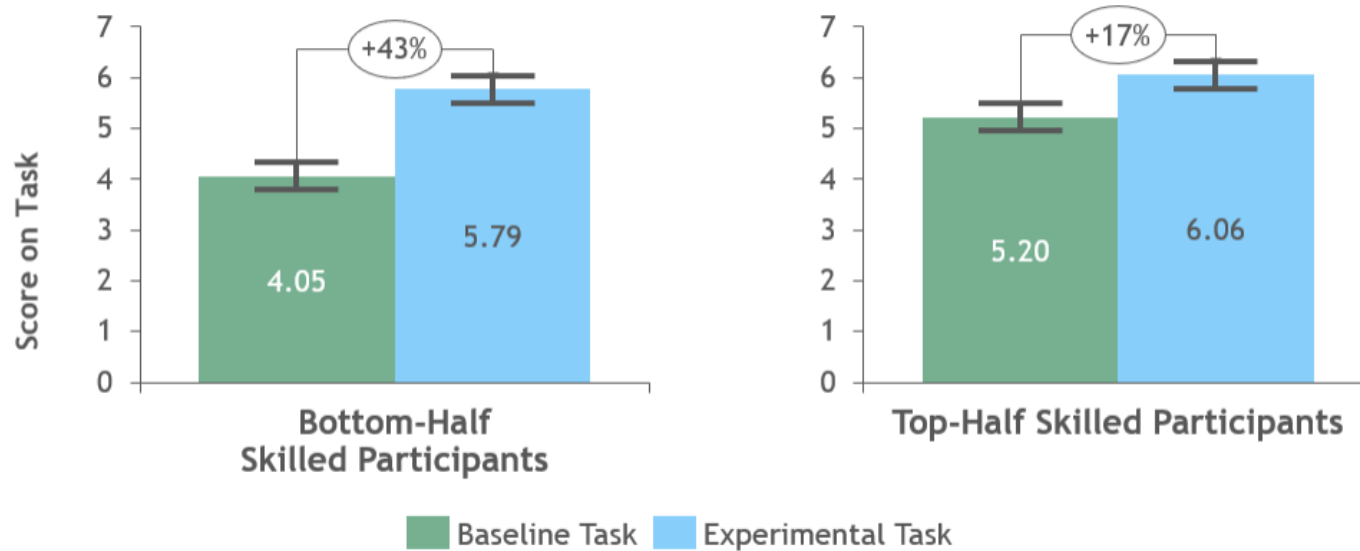
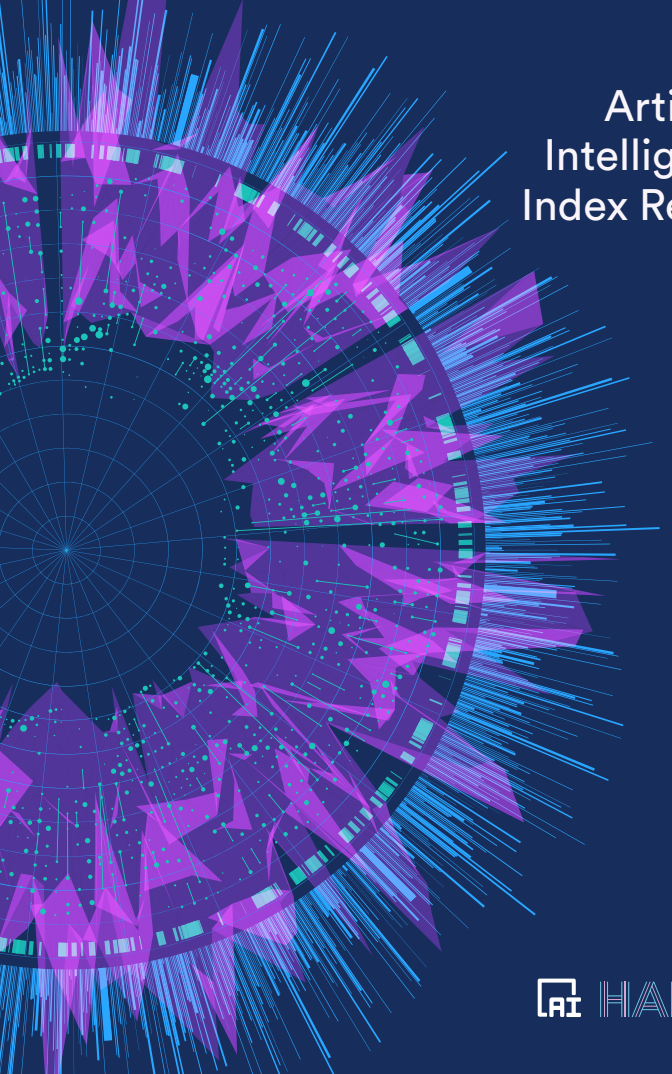


Figure 5: **Bottom-Half Skills and Top-Half Skills - Inside the Frontier**





Artificial Intelligence Index Report 2024

The Cybernetic Teammate: A Field Experiment on Generative AI Reshaping Teamwork and Expertise

Fabrizio Dell'Acqua
Charles Ayoubi
Hila Lifshitz
Raffaella Sadun
Ethan Mollick
Lilach Mollick

Yi Han
Jeff Goldman
Hari Nair
Stew Taub
Karim R. Lakhani

Abstract

We examine how artificial intelligence transforms the core pillars of collaboration—performance, expertise sharing, and social engagement—through a pre-registered field experiment with 776 professionals at Procter & Gamble, a global consumer packaged goods company. Working on real product innovation challenges, professionals were randomly assigned to work either with or without AI, and either individually or with another professional in new product development teams. Our findings reveal that AI significantly enhances performance: individuals with AI matched the performance of teams without AI, demonstrating that AI can effectively replicate certain benefits of human collaboration. Moreover, AI breaks down functional silos. Without AI, R&D professionals tended to suggest more technical solutions, while Commercial professionals leaned towards commercially-oriented proposals. Professionals using AI produced balanced solutions, regardless of their professional background. Finally, AI's language-based interface prompted more positive self-reported emotional responses among participants, suggesting it can fulfill part of the social and motivational role traditionally offered by human teammates. Our results suggest that AI adoption at scale in knowledge work reshapes not only performance but also how expertise and social connectivity manifest within teams, compelling organizations to rethink the very structure of collaborative work.

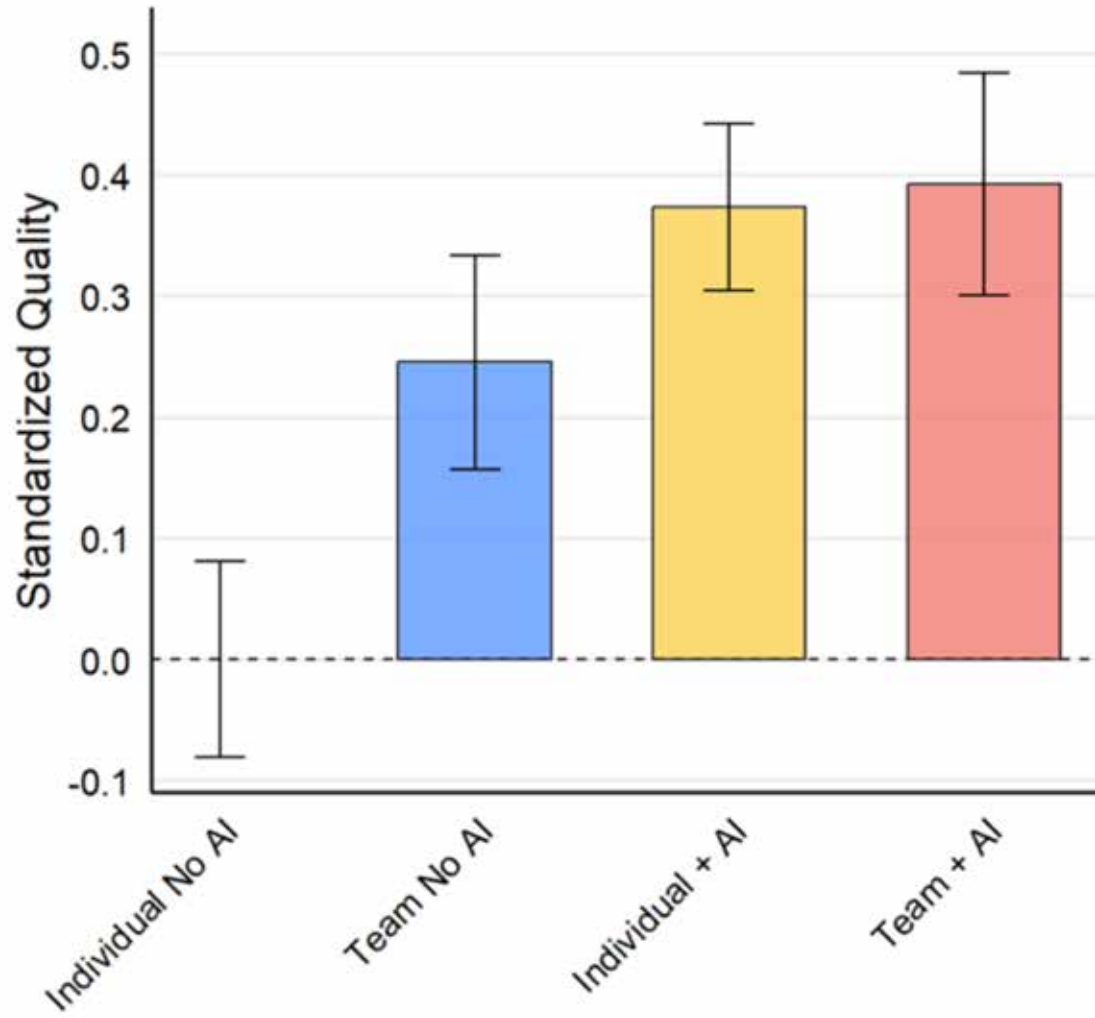
Keywords: Artificial intelligence, Teamwork, Human-machine interaction, Productivity, Skills, Innovation, Field experiment.



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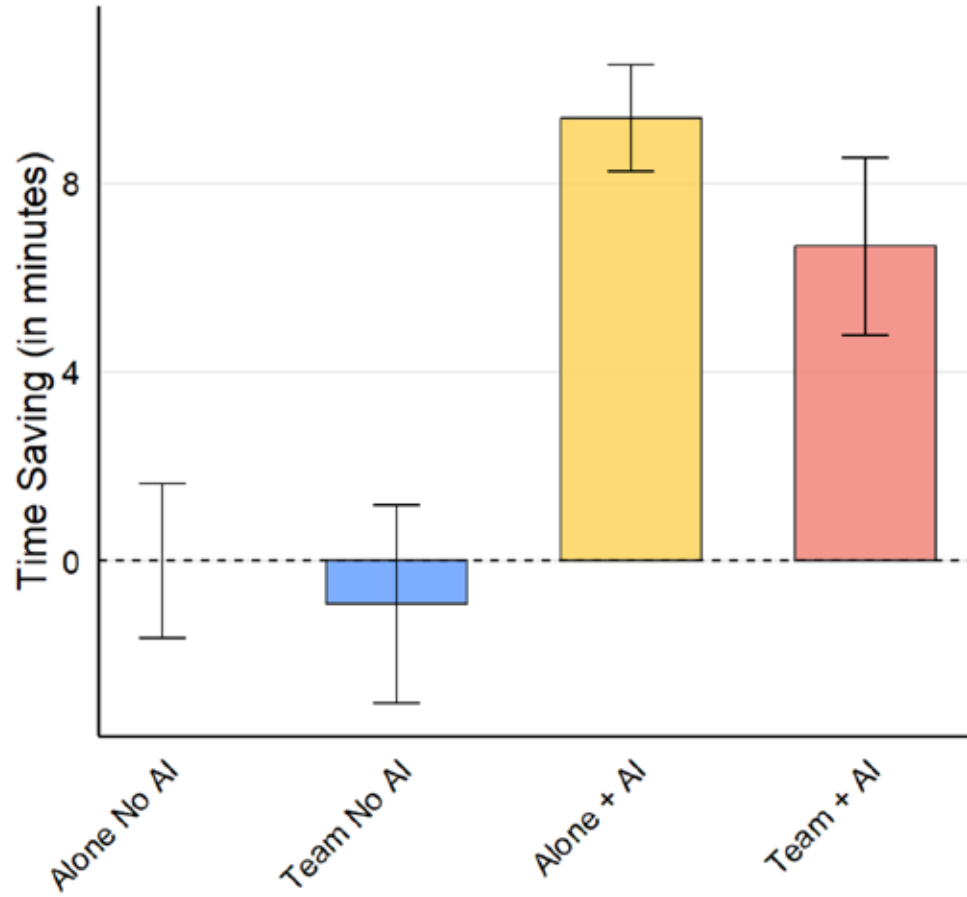
Feldforschung: Teamwork und KI

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5188231



**Qualität
mit und ohne
ChatGPT-4
(ChatGPT-4o)**

Figure 4: Time Saved



Zeitersparnis

The Adoption of ChatGPT

Anders Humlum and Emilie Vestergaard

MAY 2024

Studie in Dänemark

11 Berufe

100.000 Befragte

29 % Rücklaufquote

The Adoption of ChatGPT

Anders Humlum and Emilie Vestergaard

MAY 2024

geschätzte Zeitersparnis:

im Schnitt 50 %
für ein Drittel
der Tätigkeiten

Was bedeutet das alles?

Was machen wir daraus?