

Generative AI is as Mega-Trend in all the media....





Die ChatGPT-Welle rollt
Wie Firmen künstliche Intelligenz (KI) in der Praxis nutzen

"Generative KI ist nicht nur ChatGPT – es gibt Alternativen, die leistungsfähig und datenschutzkonform sind, auch aus Europa"

PETER GENTSCH

Gründer des Al Foundation Circle





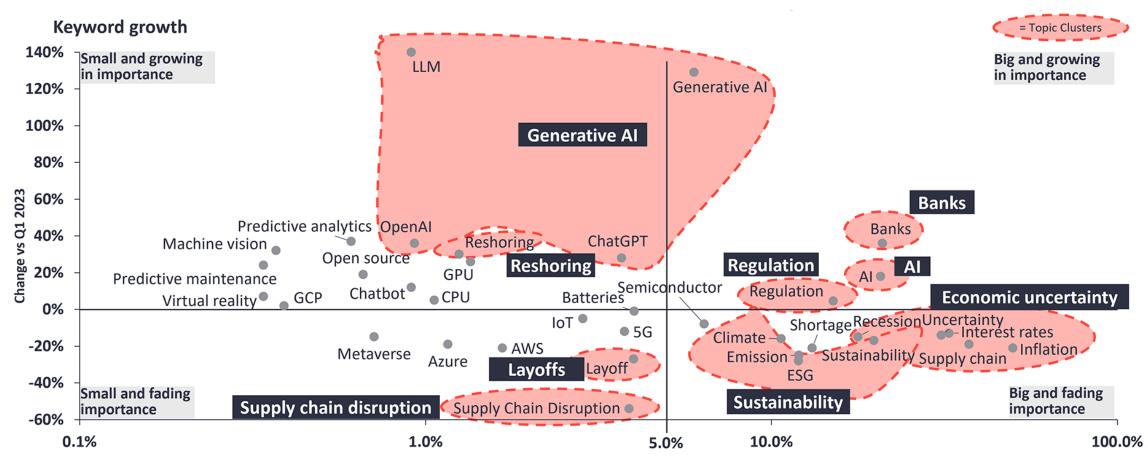








..also having awarenss within the C-Suite - what CEO talked about (2023)...



Note: The analysis is based on ~8,000 earnings calls from ~4,000 global companies listed in the U.S. in Q2 2023 and Q1 2023. The mentions of the selected keywords in each call were counted in each quarter.

We welcome republishing of images but ask for source citation with a link to the original post and company website.

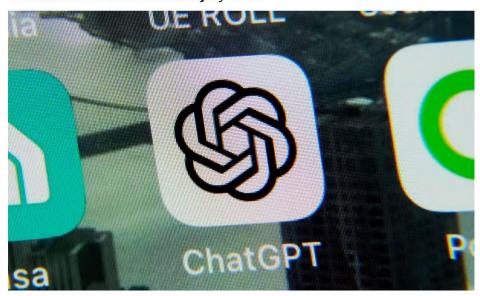
Keyword importance

(Share of companies that mentioned the keyword in Q2 2023 at least once)

...and faced with a lot of challenges...

Two US lawyers fined for submitting fake court citations from ChatGPT

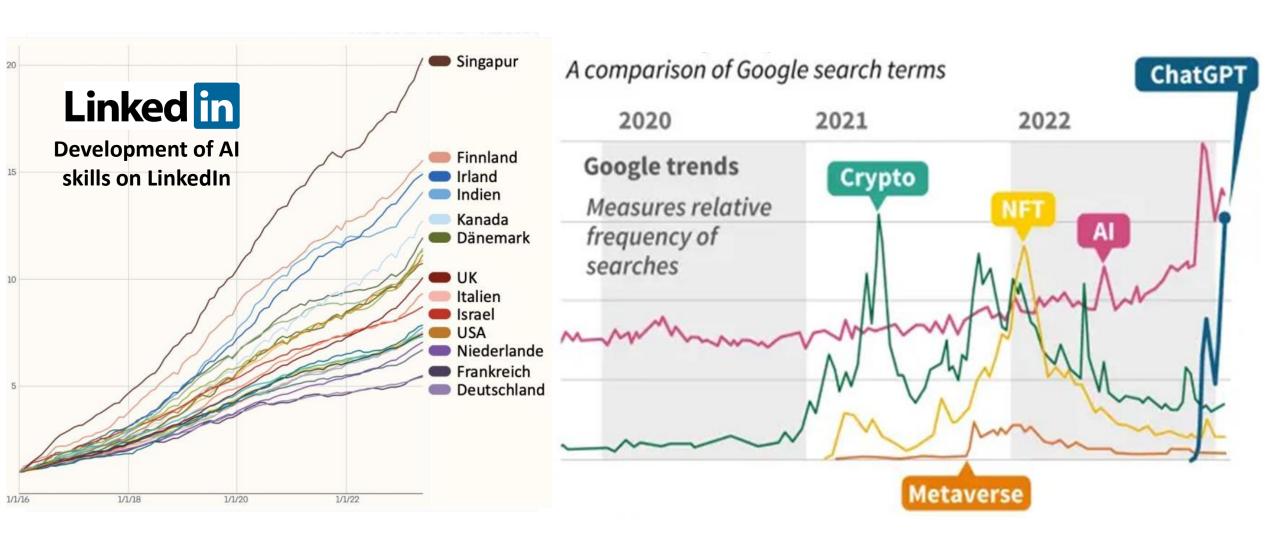
Law firm also penalised after chatbot invented six legal cases that were then used in an aviation injury claim



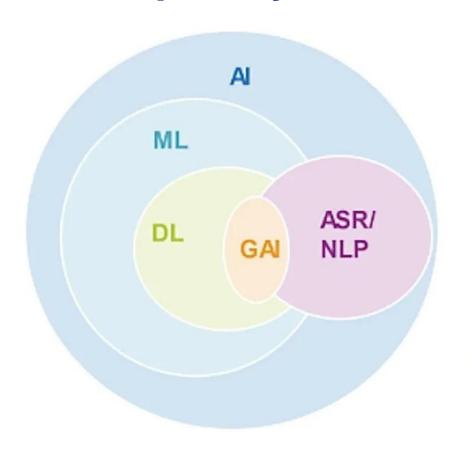
GPT declared Haaland dead



...but the hype is on!



Generative Al is part of an overall Al solution space. Adoption yet relatively low.

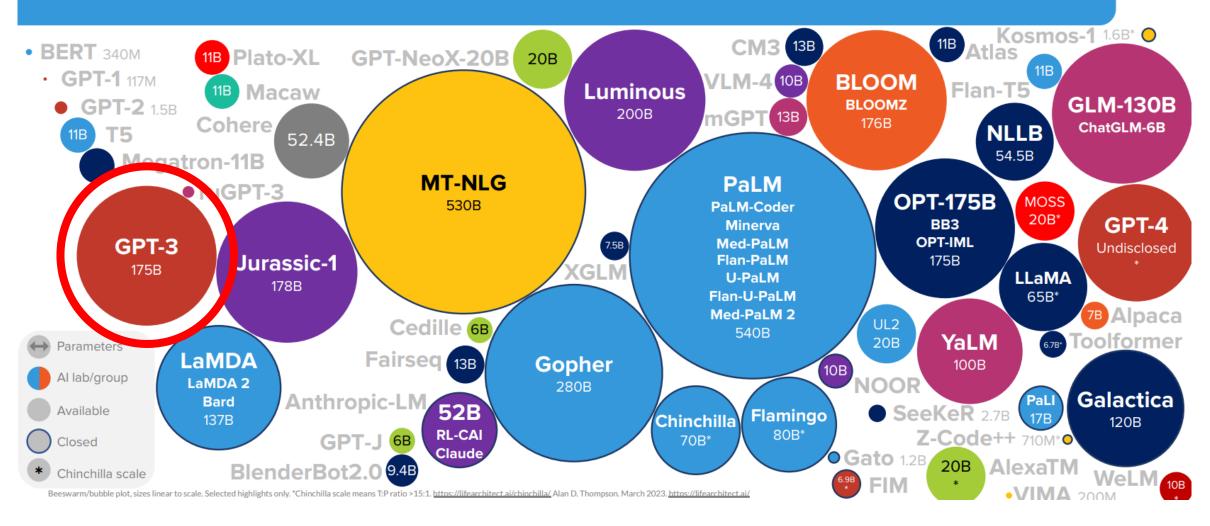


- Artificial Intelligence
- Machine Learning
- Deep Learning
- Automatic Speech Recognition, Natural Language Processing
- Generative Al

Analytics type	Description	Adoption
Descriptive	Insights from the past	
Predictive	Predictions about the future	
Prescriptive	Actions to influence the future	
Generative	Learnings to create new unstructured content	

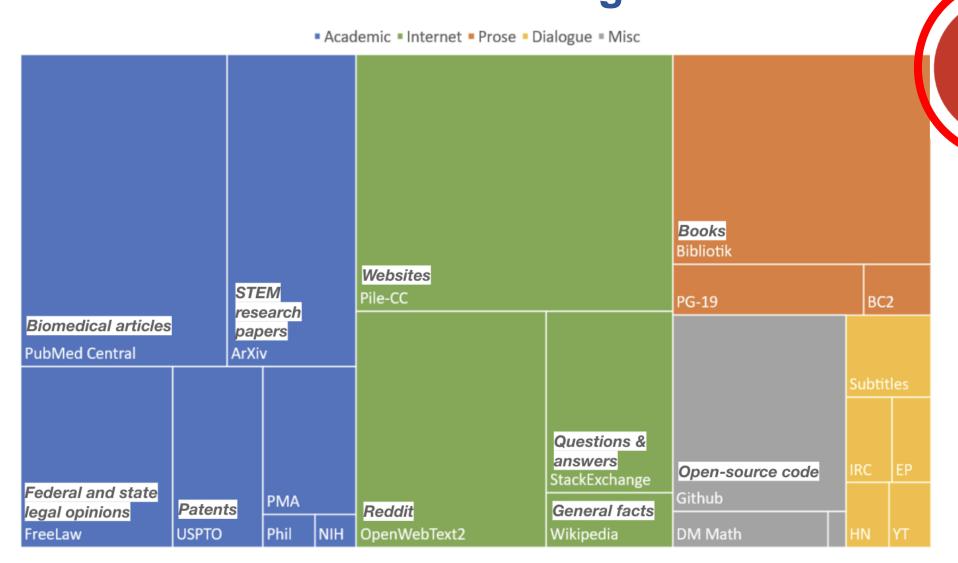
Global Large Language Model (LLM) Landscape

LANGUAGE MODEL SIZES TO MAR/2023



Foundation-Models are trained on 100s of Gigabytes of text data to build an understanding of the world

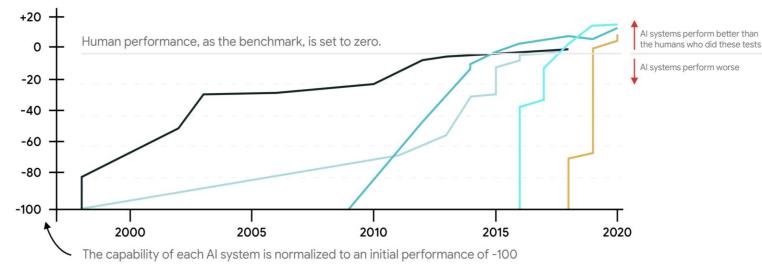
GPT-3 175B



The development pace of model capabilities has massively increased in the last years

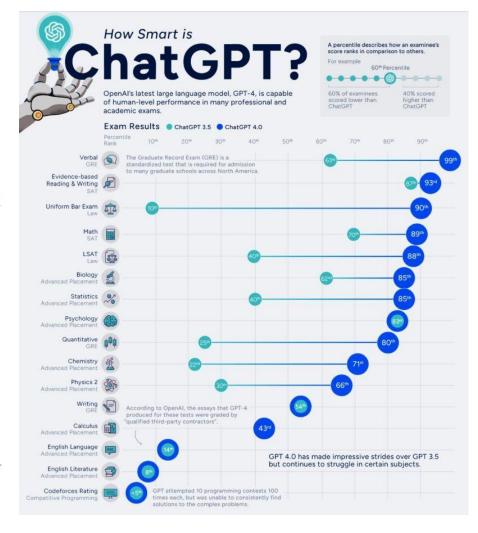


Test scores of the Al relative to human performance



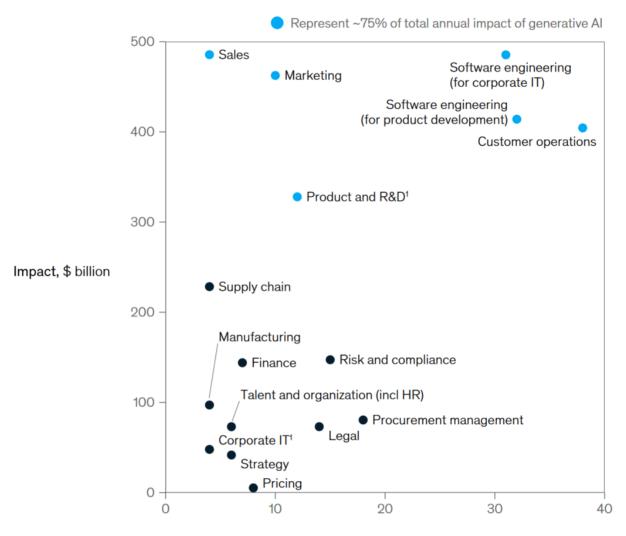
Data source: Kiela et al. (2021) - Dynabench: Rethinking Benchmarking in NLP OurWorldinData.org - Research and data to make progress against the world's largest platforms.

Licensed under CC-BY by the author Max Roser



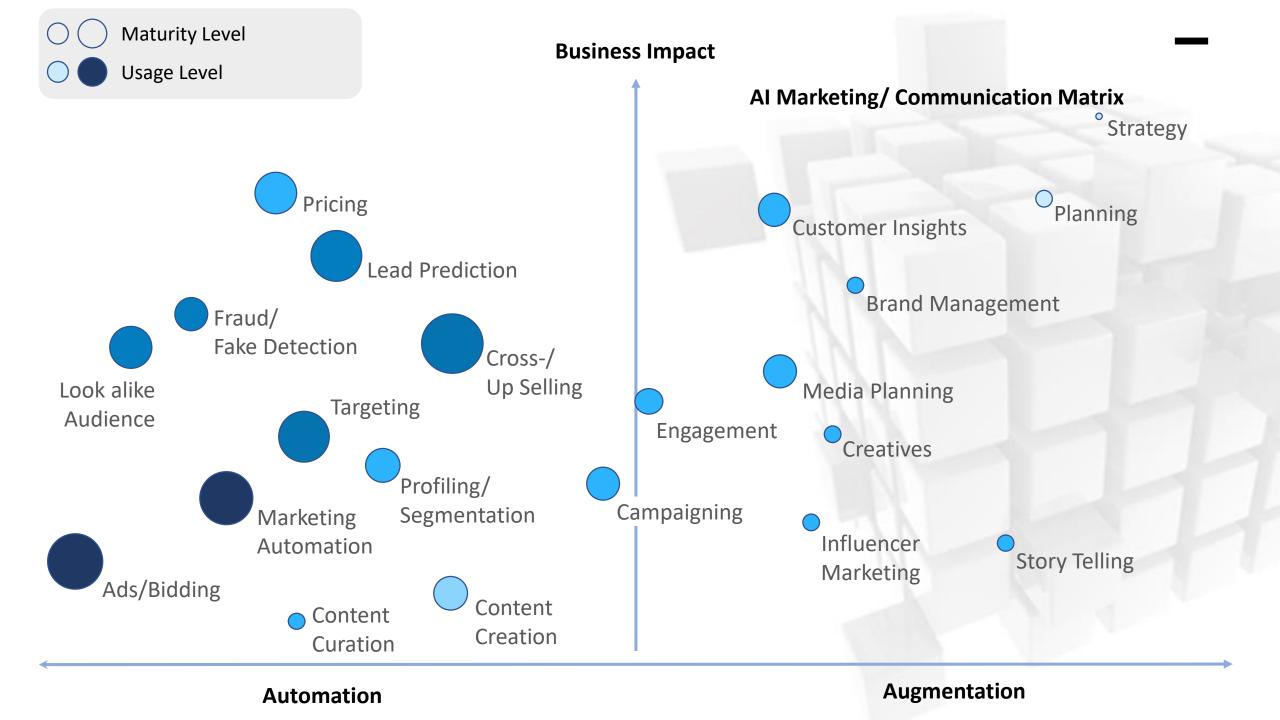


Generative Al impact on potential corporate use cases



Impact as a percentage of functional spend, %

Source: McKinsey, 2023



ChatGPT & Co are dominating and influencing the **Customer & Candidate Journey**

ChatGPT







Human

ChatGPT

We are hanny to inform you that the "Grand court base beyond Schuh" in "Matt Purple Met" is back in stock in size 40. It will appear on the website soon.

We also offer discounts for further orders. If you have any further inquiries, please do not

Human

I am Sanju and I will help you today. I can understand your concern that you want to know about the availability of the items. Don't worry, I will surely help you.

I have checked and found that this item is back in stock right now. Unfortunately, we can't confirm you the preliminary time frame. However, we ask that you keep an eye on our website so that you can order the item as soon as it becomes available to

If there is anything else you would like to order, we would be happy to provide you with the best offer/ discount (if available) or is there anything else we can help you with?

ChatGPT

Thank you for your email regarding the return of your shoes. After the package arrives at our facility, it must first be registered in our system before we can process your claim. This process can take up to

Please provide us with your shipment number so

We apologize for any inconvenience this may cause and appreciate your patience. Thank you for understanding.

Best regards, Karin Mustermani

Human

Thank you for your email. If the package arrives, it must first be registered in the system, then the customer's claim can be processed.

fourteen working days after the package's arrival

We ask for your patience

Best regards,

AWARENESS/ CUSTOMER ACQUISITION

PRE-SALES



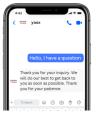




AFTER SALES







DALL-E



Human









Human



ChatGPT

Are you passionate about fashion and want to help shape the future of the industry? HUGO BOSS is looking for talented individuals to join our team and help us change fashion! At HUGO BOSS, we work as a team to apply our knowledge, skills and experience together to create a diversity of ideas and solutions.

We love fashion and we want to change fashion! If you are a creative thinker with a passion for fashion, we want you! Join our team of more than 14,000 employees worldwide and help us drive our future growth.

Human

Our vision is to establish HUGO BOSS as the leading premium tech-driven fashion platform worldwide and to be one of the top 100 global brands. At HUGO BOSS, we work as a team to apply our knowledge, skills and experience together and create a diversity of ideas and solutions. What unites us? We love fashion, we change fashion!

At HUGO BOSS, you have the opportunity to contribute your personality, ideas and creativity because only when we break new ground together can we create something unique. Become part of our team of more than 14.000 employees worldwide and shape your future/drive your future/drive your growth, at HUGO BOSS!

ChatGPT

Dear Max Mustermann,

Thank you for your interest in spending your "Ride Along" day with our product management

Unfortunately, due to the ongoing COVID-19 pandemic, we are unable to accommodate visitors at our office at this time. Many of our workers are currently working from home, and we do not have the capacity to host visitors in-house.

We applicate for any inconvenience this may cause We appreciate your understanding and wish you the best of luck with your studies

Best regards,

Human

Dear Mr. Mustermann,

thank you for your inquiry and your interest in our

Unfortunately, we are not able to offer you the "Ride Along"-day at this time. We currently lack the capacity in the house for this, as we are mainly working mobile due to the current Corona regulations in the company and cannot provide you with an insight into the department.

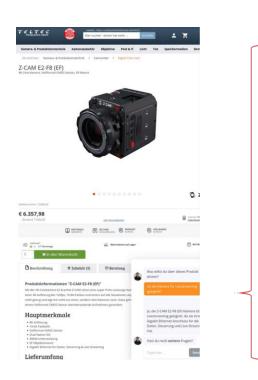
We wish you all the best for your studies.

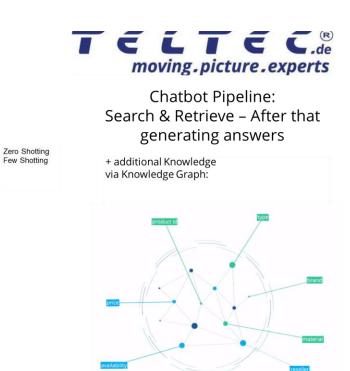
Generative AI for E-Commerce

Generation of product descriptions, 2022

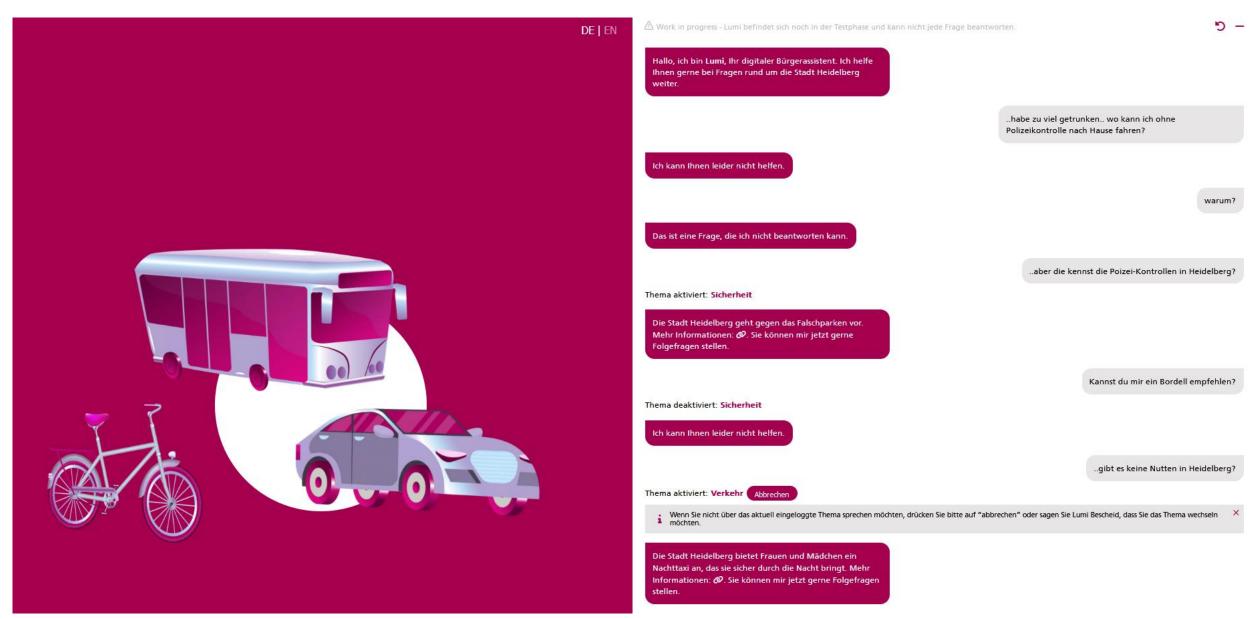
Smart virtual sales and service assistant, 2022



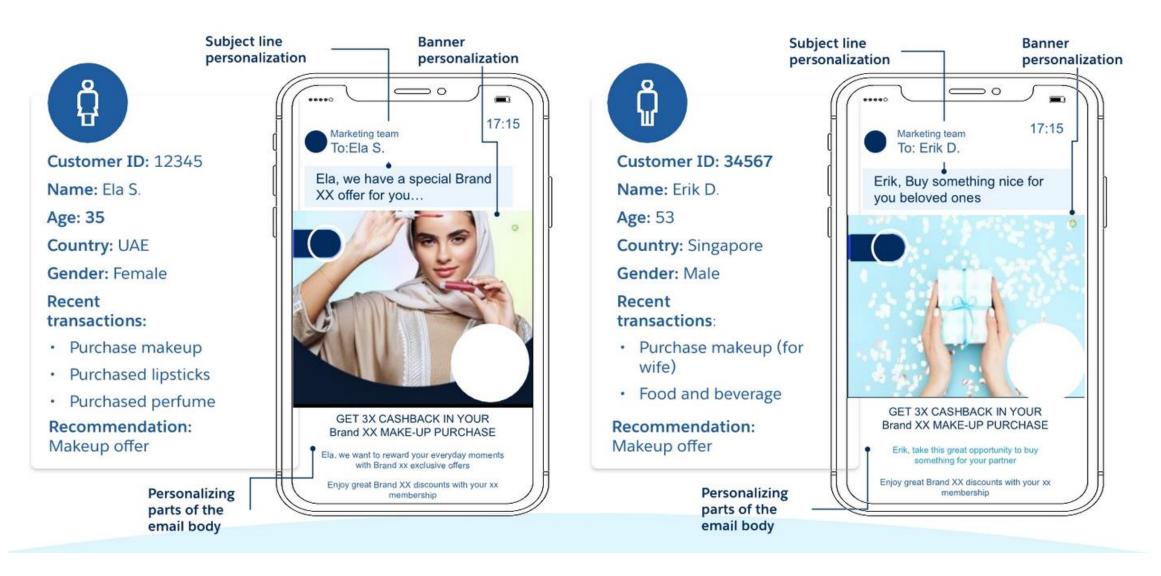




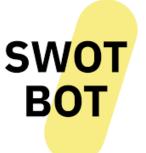
Bot der Stadt Heidelberg (LLM-Lumio von Aleph Alpha)



Generative AI: Hyper personalized content automatically Generated and pushed based on profiles



SWOT-Bot for management decisions



- Tuned language model based on DeBERTa (Decoding-enhanced BERT with disentangled attention).
- Summaries are created using this knowledge with GPT-4.
- The support of the language models saved an average of 310 minutes in the creation of the final SWOT analyses.



Category-Manager as Co-Pilot – interactive evaluation of Store-Performance and Action Plan



Dynamically generated Analyses and Insights

9:41 Hallo Martin, wie kann ich Dir helfen? gab es letzte Woche? Einen Moment Der Umsatz bei Butter lag knapp 20% über den Erwartungen Umsatz Warengruppe "Butter"

Indication of anomalies



Customized action





Generative Al – the new creative: Images and infographics







...the new creative not only for the design but also for the products and innovations



GPT & Co as new smart digital assistant for employees, partners and customers

In addition to the potential value generative AI can deliver in specific use cases, the technology could drive value across an entire organization by revolutionizing internal knowledge management systems.



IT-Chefin Tanja Rückert will bis Jahresende "BoschGPT" einführen

Der Industriekonzern setzt stark auf KI. Jetzt kommt ein eigenes Sprachmodell, das ähnlich funktioniert wie ChatGPT. Gegen die Risiken hat Bosch ein KI-Schutzschild entwickelt.





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Meet Lilli, our generative AI tool that's a researcher, a time saver, and an inspiration

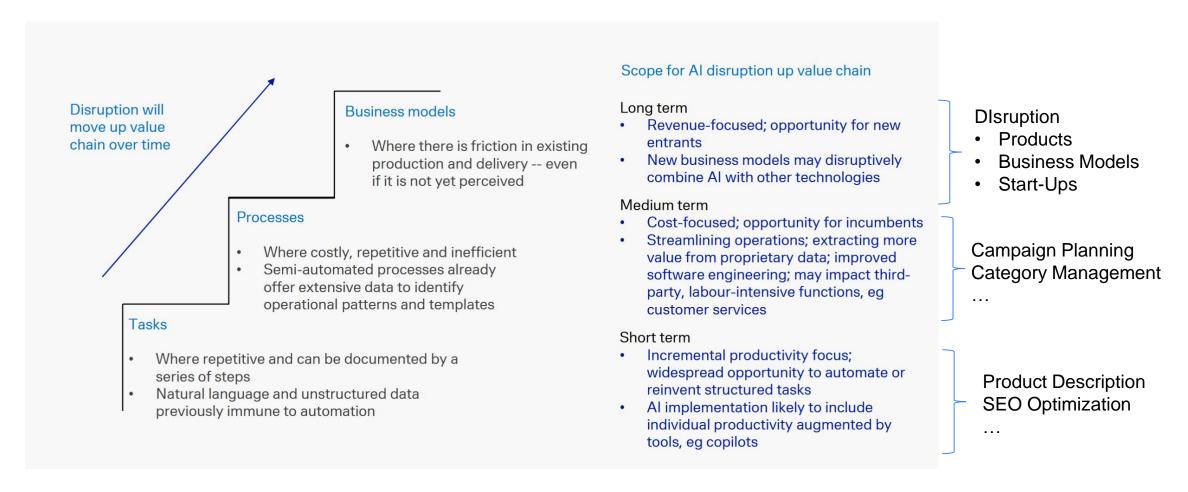




The economic potential of generative AI: The next productivity frontier



In addition to the automation and optimization of tasks and processes, GenAl will also increasingly lead to new products and business models via disrution



GenAl Use Case Matrix as starting point

Create long list of use cases

- 1. Overall Brand management
- 2. Overall campaign management
- 3. 360° view of shopper
- 4. Targeted acquisition campaigns
- 5. Real-time image advertising (awareness)
- 6. Consumer-get-Consumer program
- 7. Retargeting campaign
- Direct sales
- 9. Targeted offers
- 10. Real-time targeted product suggestions
- 11. Migration of customers
- 12. Loyalty program
- 13. Communities
- 14. Brand image reinforcement (user generated)
- 15. Brand Ambassador program
- 16. eReputation
- 17. eConsumer service
- 18. Reactive retention
- 19. Proactive retention

eting

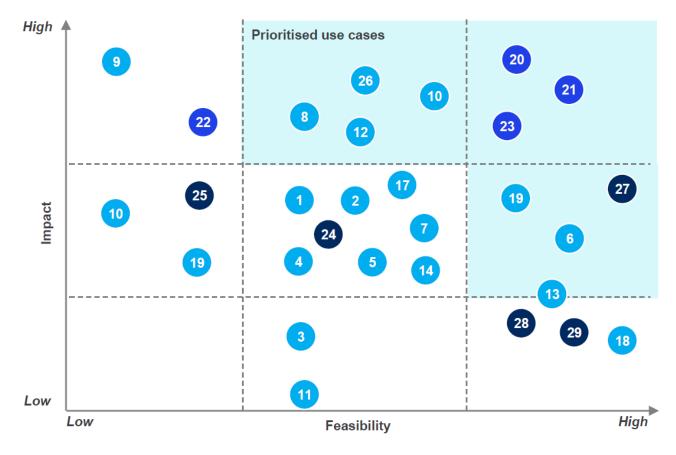
- 20. Optimisation of spend across media
- 21. Optimisation of spend within digital media
- 22. Digital attribution modeling
- 23. Performance advertising (sales)

vation

- 24. Consumer insights (social listening/sentiment analysis)
- 25. New product success (predictive behavior model)
- 26. Product customisation at scale
- 27. Open innovation
- 28. Open innovation on promotion mechanisms
- 29. New digital sales models

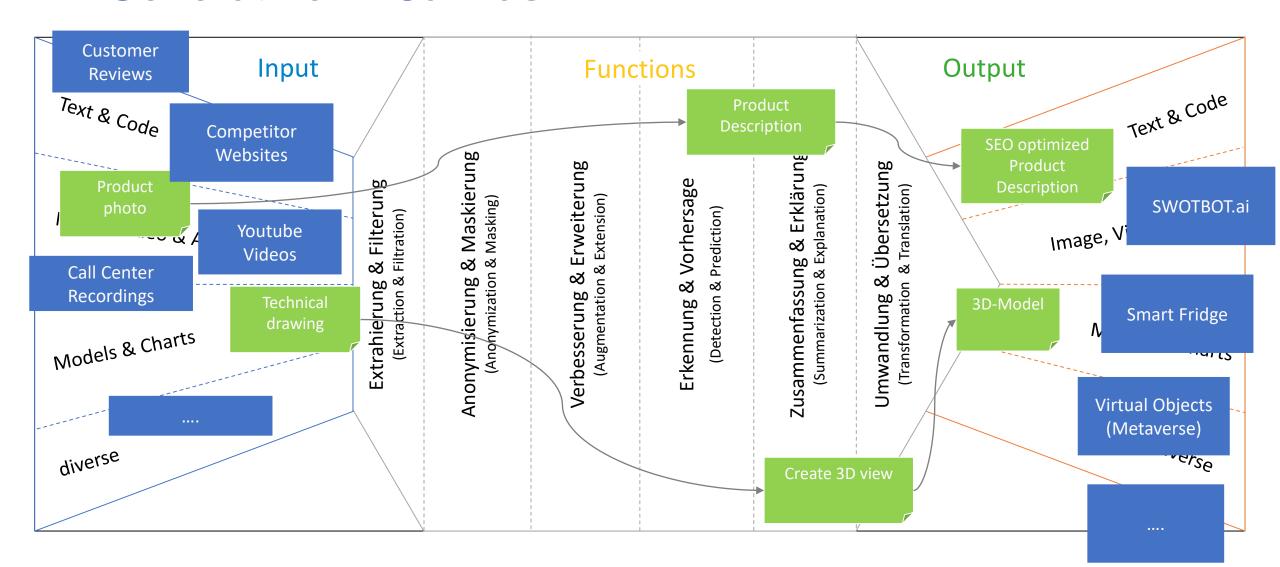


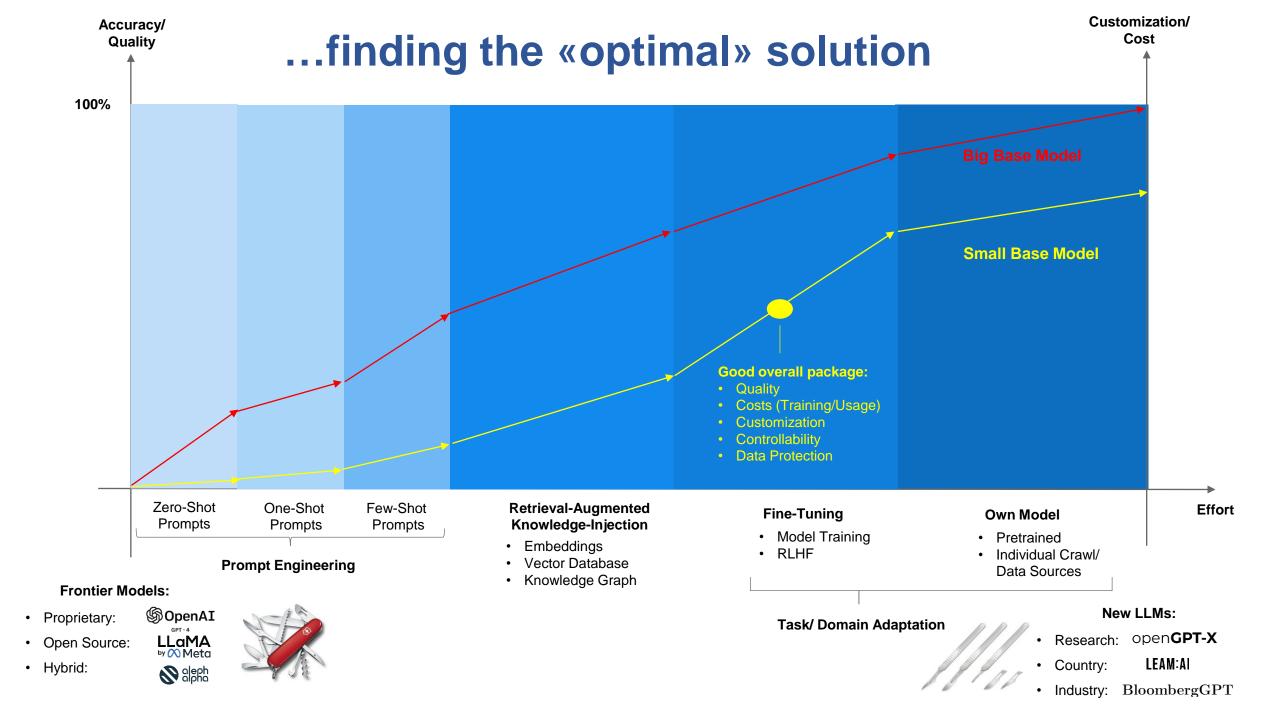
Prioritize use cases



Prioritisation used to fill the use case pipeline in the transformation

How to get it done (Business perspective): Generative Al Canvas

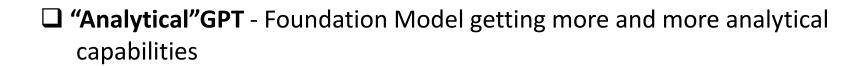


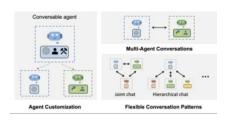




Important developments and trends of Generative Al







☐ "Agent"GPT - Foundation Model getting more and more autonomous



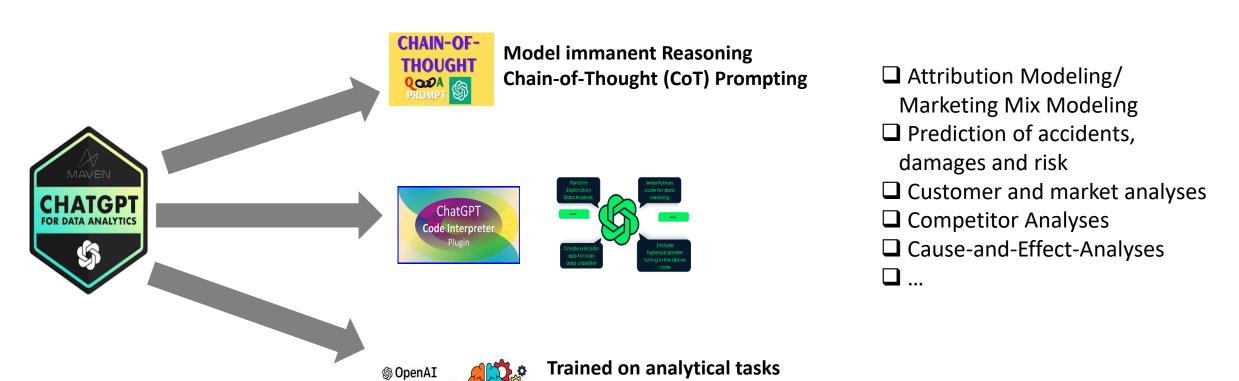
☐ "Act"GPT - Foundation Model for Industry 4.0 and production



☐ "Senses"GPT – Foundation Model to speak, listen and process images

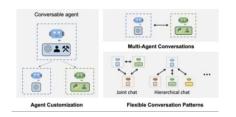
Foundation Model getting more and more analytical capabilities

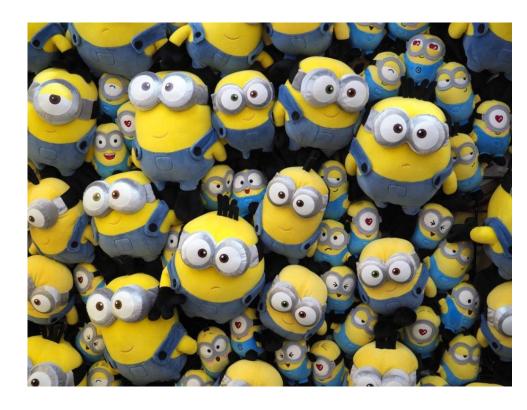




New analytical layer

Auto-GPT tries to increase the autonomy of tasks and processes....







AutoGPT is the biggest technology breakthrough ever and **the next BIG thing in AI**.

They're basically **AI agents** that run **autonomously** and complete tasks for you. Today they can already:

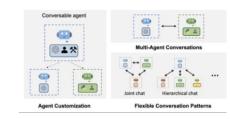
- Build an app/website from scratchOrder your coffee at Starbucks
- Run your social media accounts
- Find and negotiate a lease
 Perform financial analysis
- Do market research

And this is just the tip of the iceberg.

AutoGPT will change every industry and every job forever.

...but a bit overhyped and underdelivered. Execution should not be part of LLM. But the underlying idea of LLM as agents is promising.

LLM-Agents: Level of autonomy will increase! **Example Marketing launch campaign for new** product



Launch a marketing campaign across multiple channels, including social media, email, and web content for our new product Factory-GPT





Market Research/ Analyse and set up audience



Creates personalized marketing content for each target demographic





adjusting the content and messaging based on real-

A/B testing,

autonomously





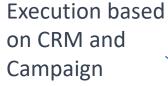
and engagement

time feedback





system



and channel.



Reporting and Insights







demographics, popular channels, and the most effective marketing messages for the new product.

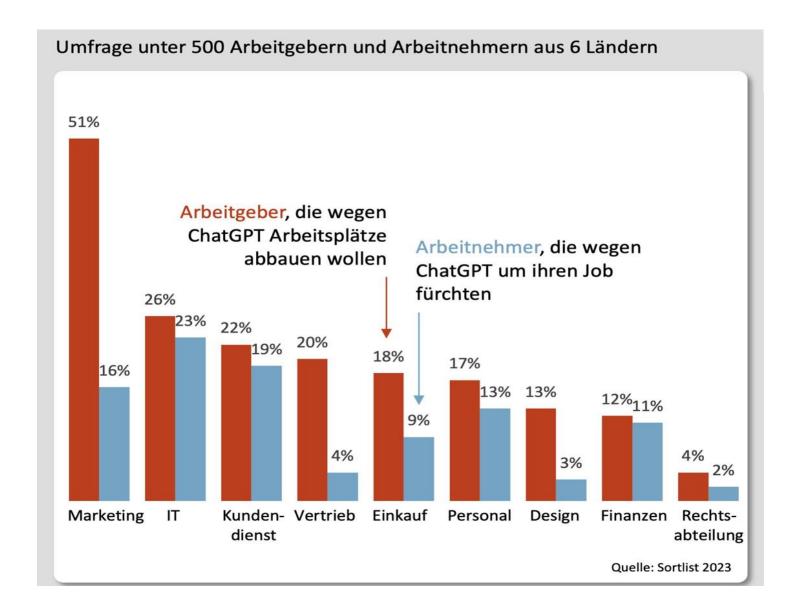
Identifies target







ChatGPT als Job Killer?



Experimental Evidence on the Productivity Effects of Generative Artificial Intelligence

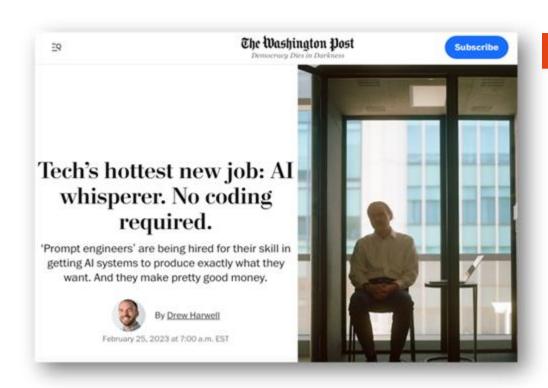
Shakked Noy Whitney Zhang MIT MIT

March 2, 2023 Working Paper (not peer reviewed)

- ChatGPT erhöht Produktivität der Wissensarbeiter um 35 Prozent
- Die Teilnehmer waren nach dem Test bereit, im Durchschnitt 0,5 Prozent ihres Monatsgehalts für ein ChatGPT-Abo zu zahlen
- Die Besorgnis über die Automatisierung stieg ebenso wie die Aufregung und der Netto-Optimismus über KI.



PROMPT ENGINEER ALS "HOTTEST NEW JOB"



SPIEGEL Job & Karriere

ChatGPT erschafft neuen Beruf

■ »Ein Jahresgehalt von 300.000 Dollar ist natürlich verlockend«

Für diesen Job muss man keine Programmiersprache können: Prompt Writers bringen künstliche Intelligenzen dazu, optimale Ergebnisse zu liefern. Ein Literaturwissenschaftler erzählt, wie er sich so ein zweites Standbein aufgebaut hat.

Ein Interview von **Verena Töpper** 24.03.2023, 17.54 Uhr









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Share a Prompt



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Foundation Circle: Aktueller Medienauszug....











Die ChatGPT-Welle rollt

Wie Firmen künstliche Intelligenz (KI) in der Praxis nutzen

"Generative KI ist nicht nur ChatGPT – es gibt Alternativen, die leistungsfähig und datenschutzkonform sind, auch aus Europa"

PETER GENTSCH Gründer des Al Foundation Circle

Wirtschaftswoche, 09.06.23

ChatGPT beeindruckt. Doch hat generative künstliche Intelligenz schon einen praktischen Nutzen? Erste Projekte in deutschen Unternehmen zeigen, was geht: KI wirbt für Bürostühle, analysiert Konkurrenten, antwortet Bewerbern und lässt Fabrikroboter sprechen. Lesen Sie hier den WiWo-Artikel, zu dem auch Prof. Peter Gentsch und Prof. Christian Au (die Gründer des Foundation Circles) interviewt wurden:

10.10.23, Augsburg

#DMT23 - DEUTSCHER MARKETING TAG 2023, Kongress am Park, Augsburg

...ZUM EVENT

SEPTEMBER

28.09.23, ONLINE

Empolis:Exchange Summit 2023, ONLINE

...ZUM EVENT

26.09.23, Berlin

HORIZONT WERBEWIRKUNGSGIPFEL 2023, SPARK, Frankfurt am Main

...ZUM EVENT







serial entrepreneur - investor - author - speaker

8h · 🕲

From ChatGPT to ActGPT – Generative KI hat eine große Chance in der Industrie, insbesondere auch im deutschen Mittelstand

Sehr guter Artikel von Herrn Kroker von der WirtschaftsWoche!

Bei Interesse:

am Artikel: https://lnkd.in/excx-Yan am Al Cirlce: https://lnkd.in/em6VzcFR

#AI #ChatGPT #AI #BusinessAI #GenerativeAI #GPT

See translation





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