

Begleitmaterial zu den KI-Podcasts der

 **kultursphäre.sh**

in Zusammenarbeit mit Viktor Garske



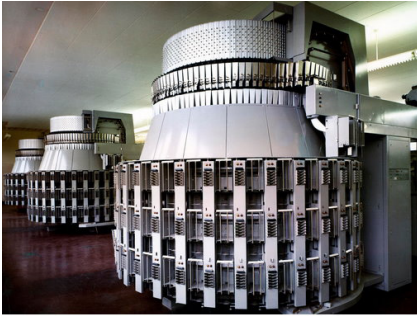
Viktor Garske ist wissenschaftlicher Mitarbeiter an der Hochschule Stralsund und forscht zu Themen der IT-Sicherheit und künstlichen Intelligenz. Er produziert seit vielen Jahren E-Learning-Angebote und gibt im Podcast Risikozone und seinem Blog aktuelle Einblicke in die IT-Welt.

Weitere Informationen hierzu sind auf seiner Homepage [v-gar.de](http://v-gar.de) zu finden.

# Episode 1 - DALL-E - Bildgenerative KI

## KI-Entwicklungen der letzten 70 Jahre

automatische Brief-Sortier-Maschine



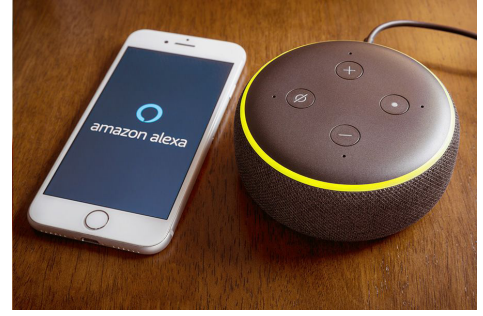
So sahen die ersten Briefsortieranlagen von 1965 aus.  
© Siemens Postal, Parcel & Airport Logistics GmbH.

Roboter in der Pflege



Quelle: [https://www.bibliomed-pflege.de/fileadmin/\\_processed\\_/4/5/csm\\_hollie\\_rollstuhl\\_111220\\_bearb\\_354e2c6330.jpg](https://www.bibliomed-pflege.de/fileadmin/_processed_/4/5/csm_hollie_rollstuhl_111220_bearb_354e2c6330.jpg)

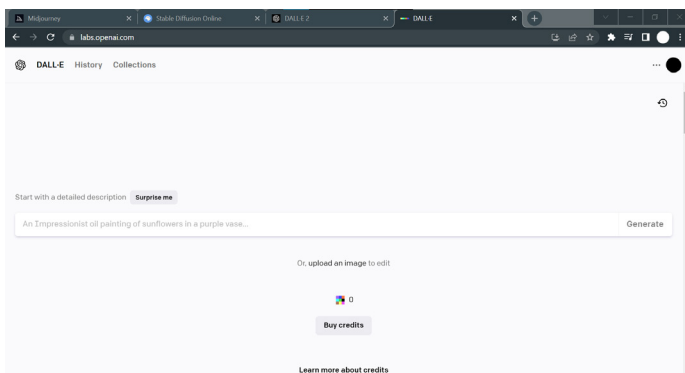
Sprachassistenten



Quelle: <https://www.badenova.de/blog/smart-home-sprach-assistenten/> Copyright: Anthony Brown

## Vertreter bildgenerativer KI

DALL-E - <https://openai.com/product/dall-e-2>



### Hinweis:

Seit April 2023 gibt es keine monatlichen Credits mehr. Es können nur noch kostenpflichtig Bilder generiert werden.

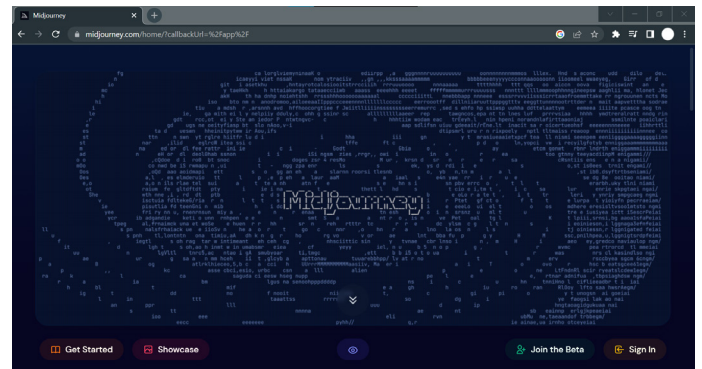
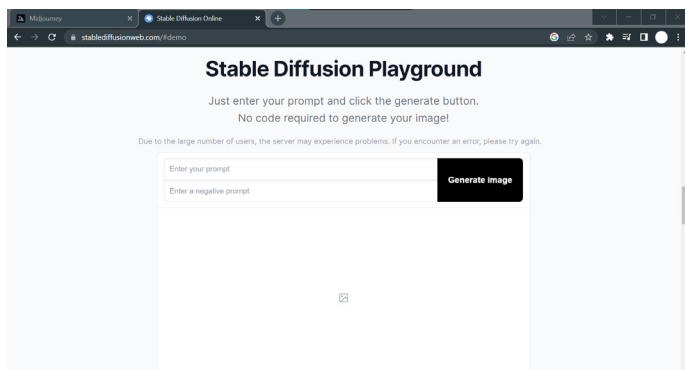
► Nutzen Sie stattdessen andere Alternativen wie z.B.

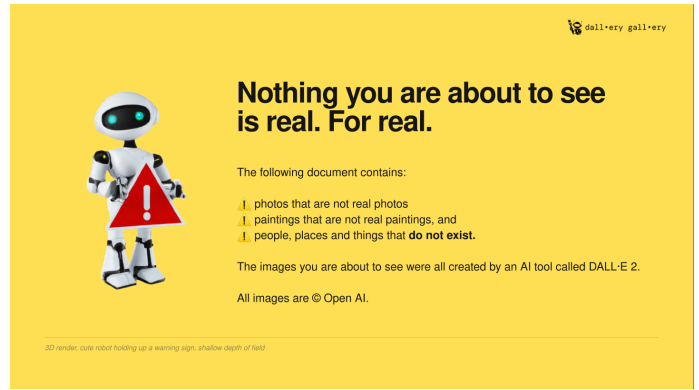
Stable Diffusion

<https://stablediffusionweb.com/#demo>

Midjourney

<https://www.midjourney.com/home/?callback-Url=%2Fapp%2F>

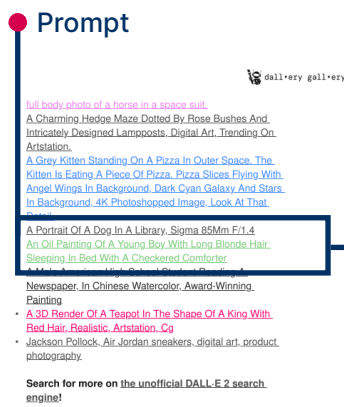




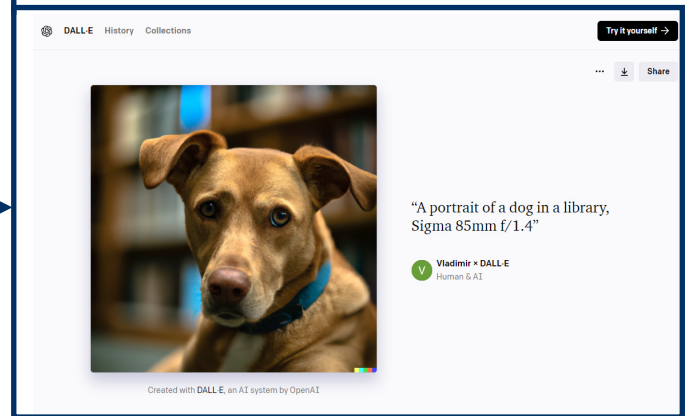
► Prompt-Beispiel Seite 7

A **prompt** is a sentence, 400 characters or less, that describes the image you want.

Here are some random examples.



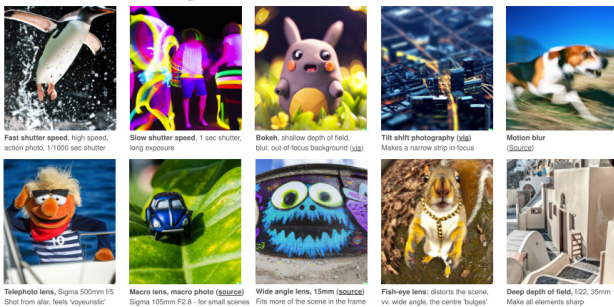
► Ergebnis der Prompt



► Begriffe um die Prompt zu präzisieren

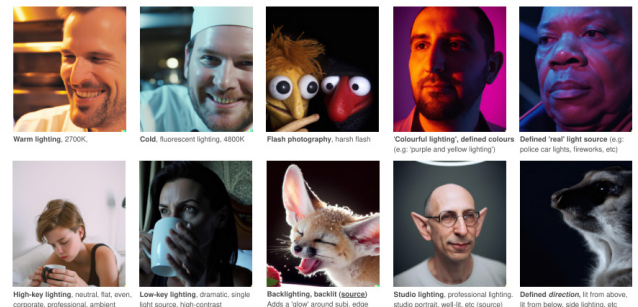
Camera settings + lenses

dallery.gallery



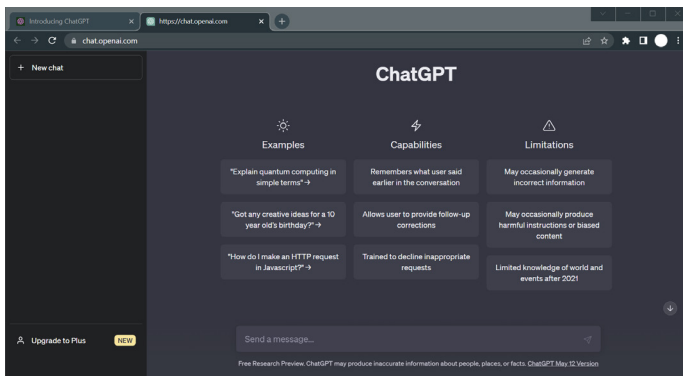
Lighting prompts, artificial / indoor

dallery.gallery



# Episode 2 - ChatGPT - Textgenerative KI

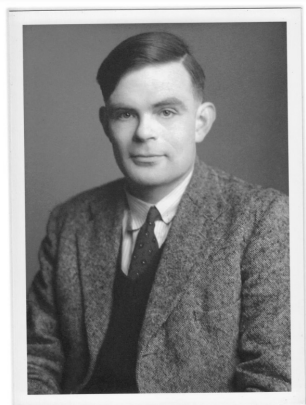
ChatGPT - <https://chat.openai.com/>



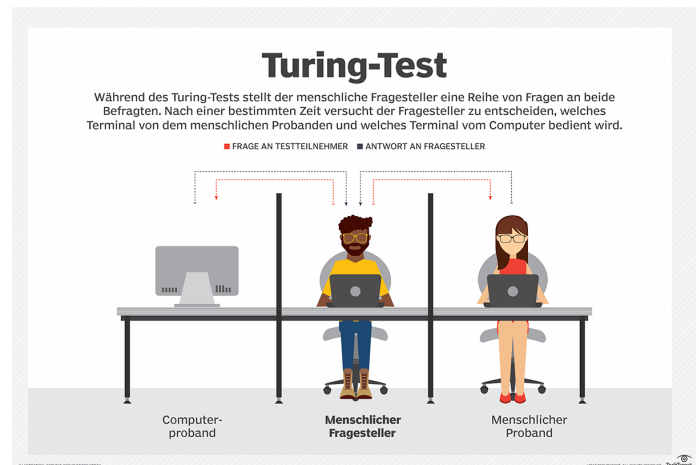
**Frage:**  
Was ist die Hauptstadt von Deutschland?

**Antwort:**  
„Berlin“ oder  
„Die Hauptstadt ist Berlin“ oder  
„Die Hauptstadt von Deutschland ist Berlin.“

## Alan Turing

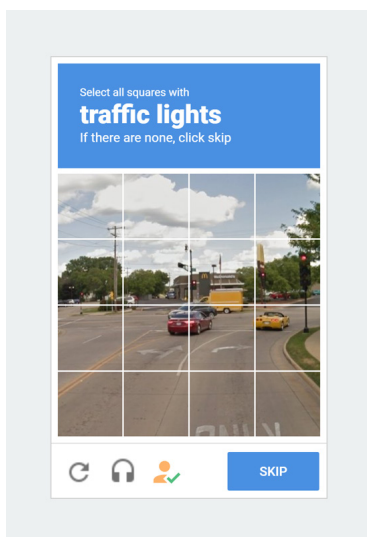


Quelle: [https://www.nytimes.com/2019/06/05/obituaries/alan-turing-overlooked.html?\\_r=1&pb\\_354e2c6330.jpg](https://www.nytimes.com/2019/06/05/obituaries/alan-turing-overlooked.html?_r=1&pb_354e2c6330.jpg)

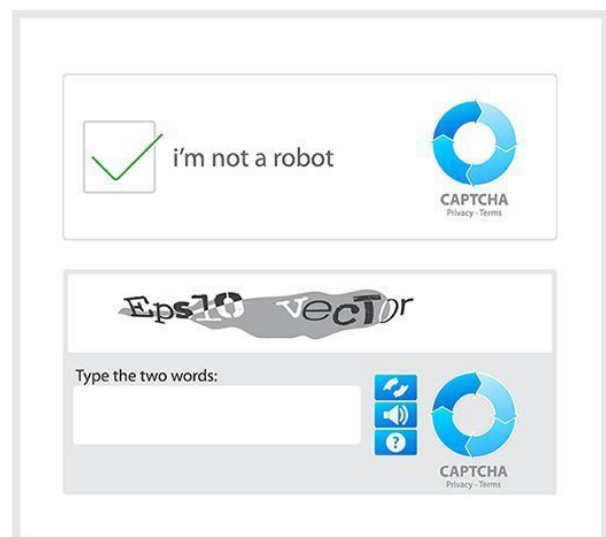


Quelle: <https://www.computerweekly.com/de/definition/Turing-Test>

## ► Heute genutzt fürs Captcha, das wir alle kennen



Quelle: <https://addons.mozilla.org/de/android/addon/buster-captcha-solver/>



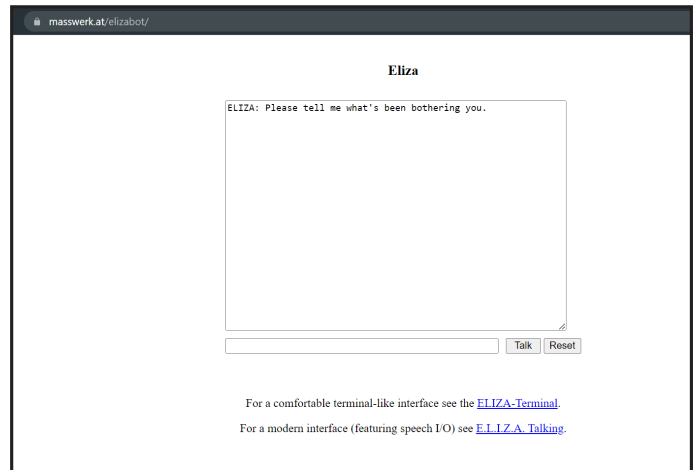
Quelle: <https://www.computerweekly.com/de/definition/Captcha>

## Joseph Weizenbaum

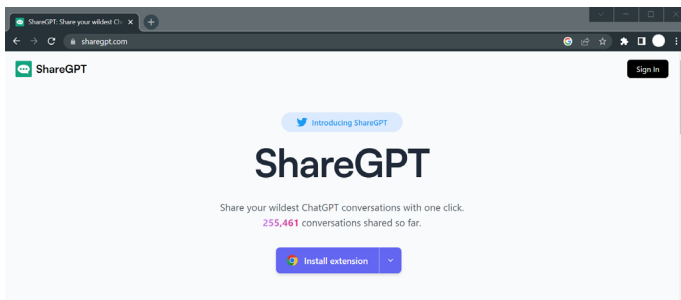


Quelle: <https://www.masswerk.at/elizabot/>

▶ Eliza selbst ausprobieren (nur in Englisch):  
<https://www.masswerk.at/elizabot/>



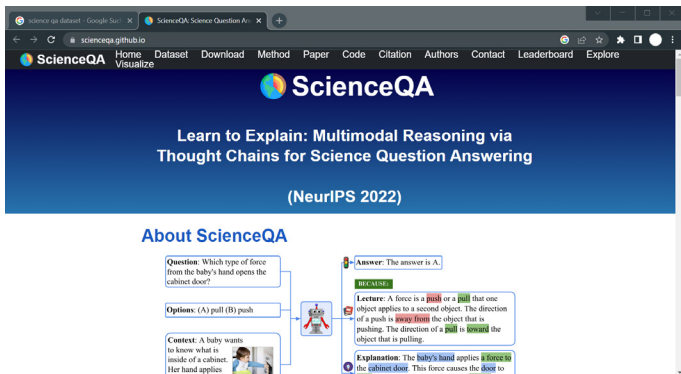
## ShareGPT - <https://sharegpt.com/>





## Episode 3 - multimodale Systeme

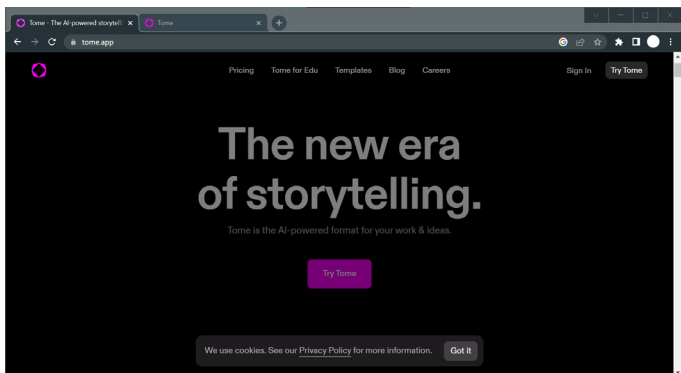
**Trainingsdatensatz ScienceQA** - <https://scienceqa.github.io/>



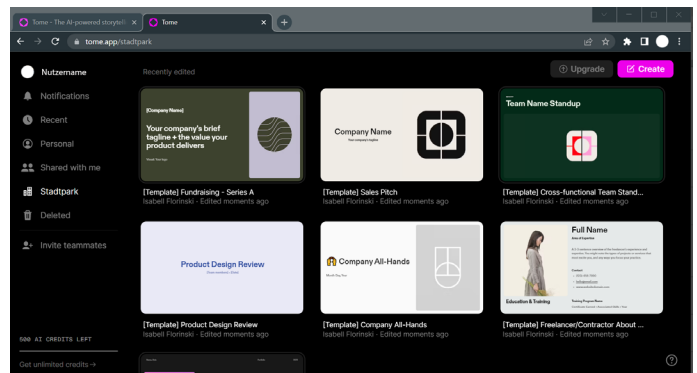
The screenshot shows the ScienceQA website interface. At the top, there is a navigation bar with links like Home, Dataset, Download, Method, Paper, Code, Citation, Authors, Contact, Leaderboard, and Explore. Below the navigation bar, the main heading reads "ScienceQA" and "Learn to Explain: Multimodal Reasoning via Thought Chains for Science Question Answering (NeurIPS 2022)".

The "About ScienceQA" section displays a sample question: "Question: Which type of force from the baby's hand opens the cabinet door?". Below the question, there are "Options: (A) pull (B) push" and a "Context: A baby wants to know what is inside of a cabinet. Her hand applies" with a small image of a baby. The "Answer" section shows the reasoning process: "Answer: The answer is A. [REASONING] Lecture: A force is a push or a pull that one object applies to a second object. The direction of a push is away from the object that is pushing. The direction of a pull is toward the object that is pulling. Explanation: The baby's hand applies a force to the cabinet door. This force causes the door to..."

**TomeAI** - <https://tome.app/>

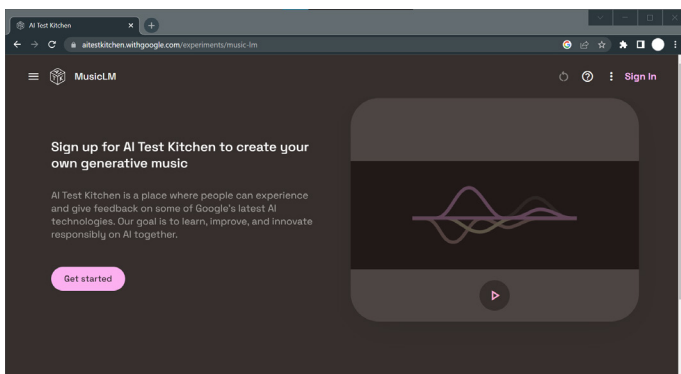


The screenshot shows the landing page of TomeAI. The main heading is "The new era of storytelling." with the subtext "Tome is the AI-powered format for your work & ideas." and a "Try Tome" button. The page also includes a navigation bar with links for Pricing, Tome for Edu, Templates, Blog, and Careers, and a "Sign In" button.



The screenshot shows the TomeAI dashboard. The main heading is "Tome" and the subtext is "The AI-powered storybook". The dashboard displays a grid of templates, including "Your company's brief template", "Company Name", "Team Name Standup", "[Template] Fundraising - Series A", "[Template] Sales Pitch", "[Template] Cross-functional Team Stand...", "Product Design Review", "Company All-Hands", "Full Name", "[Template] Product Design Review", "[Template] Company All-Hands", and "[Template] Freelance/Contractor About...". The dashboard also includes a "Sign In" button and a "Try Tome" button.

**MusicLM** - <https://aitestkitchen.withgoogle.com/experiments/music-lm>



The screenshot shows the landing page of MusicLM. The main heading is "Sign up for AI Test Kitchen to create your own generative music". Below the heading, there is a subtext: "AI Test Kitchen is a place where people can experience and give feedback on some of Google's latest AI technologies. Our goal is to learn, improve, and innovate responsibly on AI together." and a "Get started" button. The page also includes a navigation bar with links for Home, Sign In, and a "Sign In" button.

**Beispiele:** <https://google-research.github.io/seanet/musiclm/examples/>

## Kontakt

Wenn Sie Ideen für mögliche Projekte haben, nehmen Sie gerne Kontakt zu uns auf.

► [info@kultursphaere.sh](mailto:info@kultursphaere.sh)

### Projektleitung

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24149 Kiel



### Projektentwicklung

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Schwentinestr. 24  
24149 Kiel



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