

06.07.2023

AI Voices: eine Einführung

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Konzept

- Künstliche Erzeugung menschlicher Sprache
- Text-to-speech



„Guten Morgen, wie geht es Ihnen?“ Tradition vs Modern



Phonemi

[g] [ʊ] [t] [ə] [n]

[m] [i:]

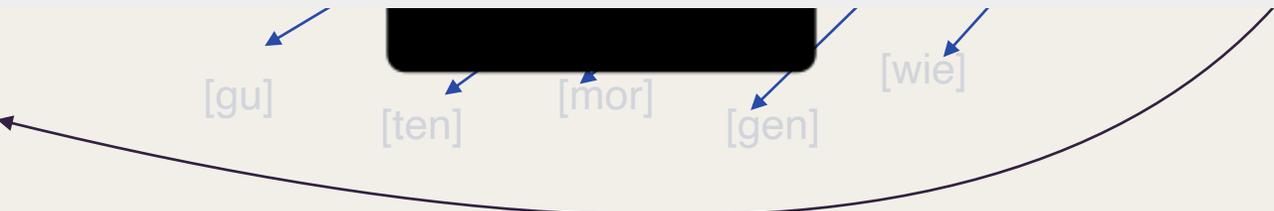
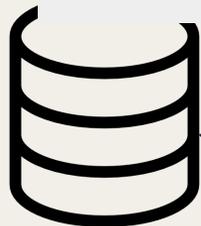
[g] [e:] [t]

[n]



wavenet

orgen, wie geht es Ihnen?



Anfänge von TTS

1939

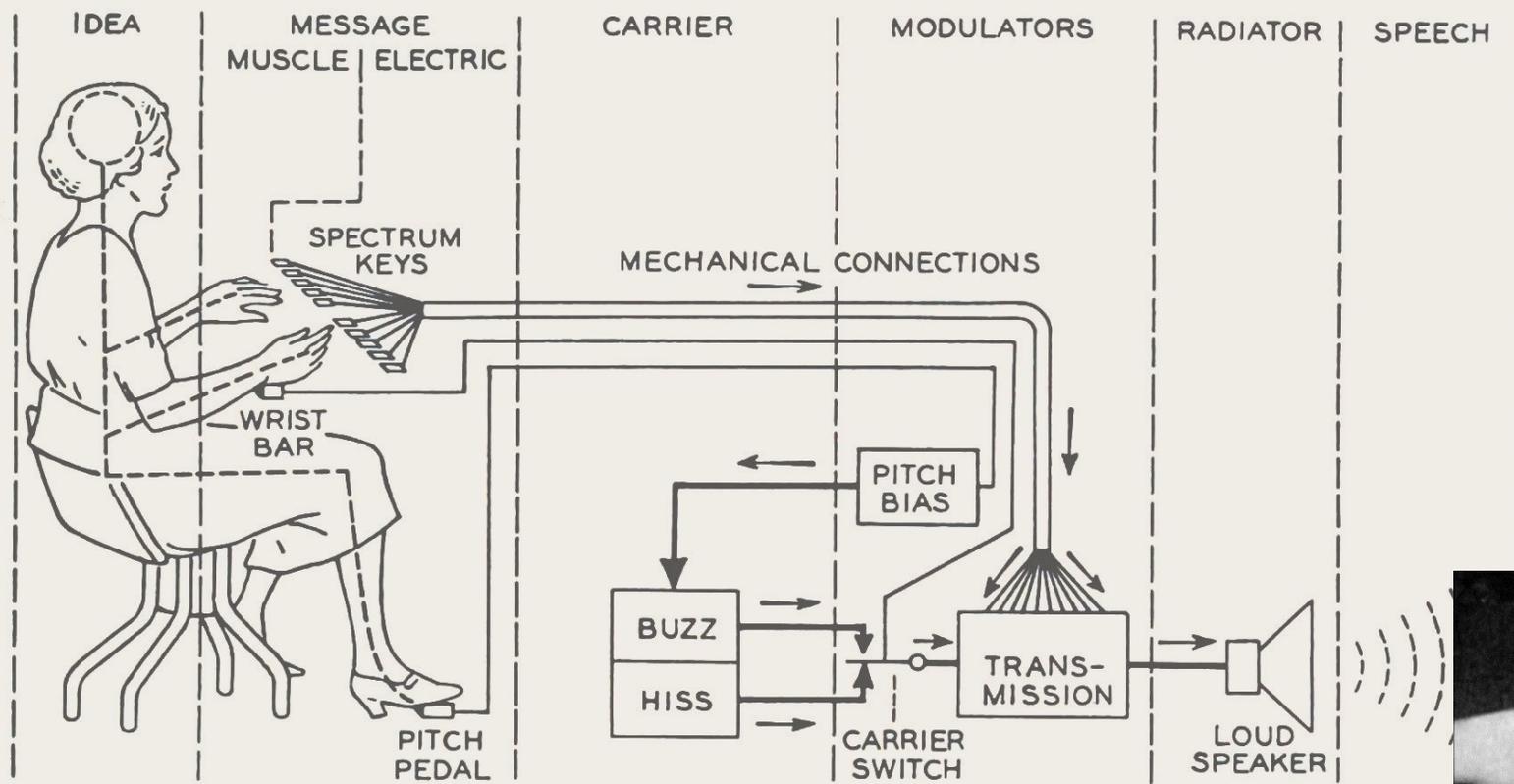
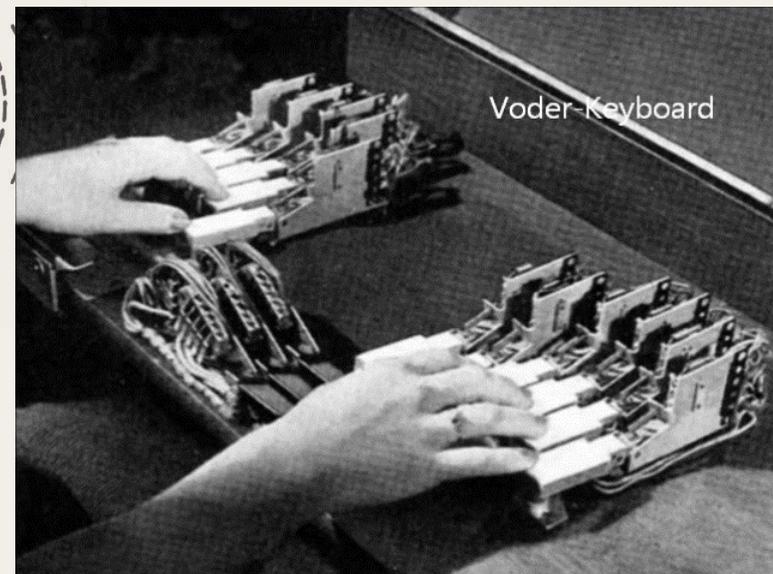


Fig. 8—Schematic circuit of the voder.



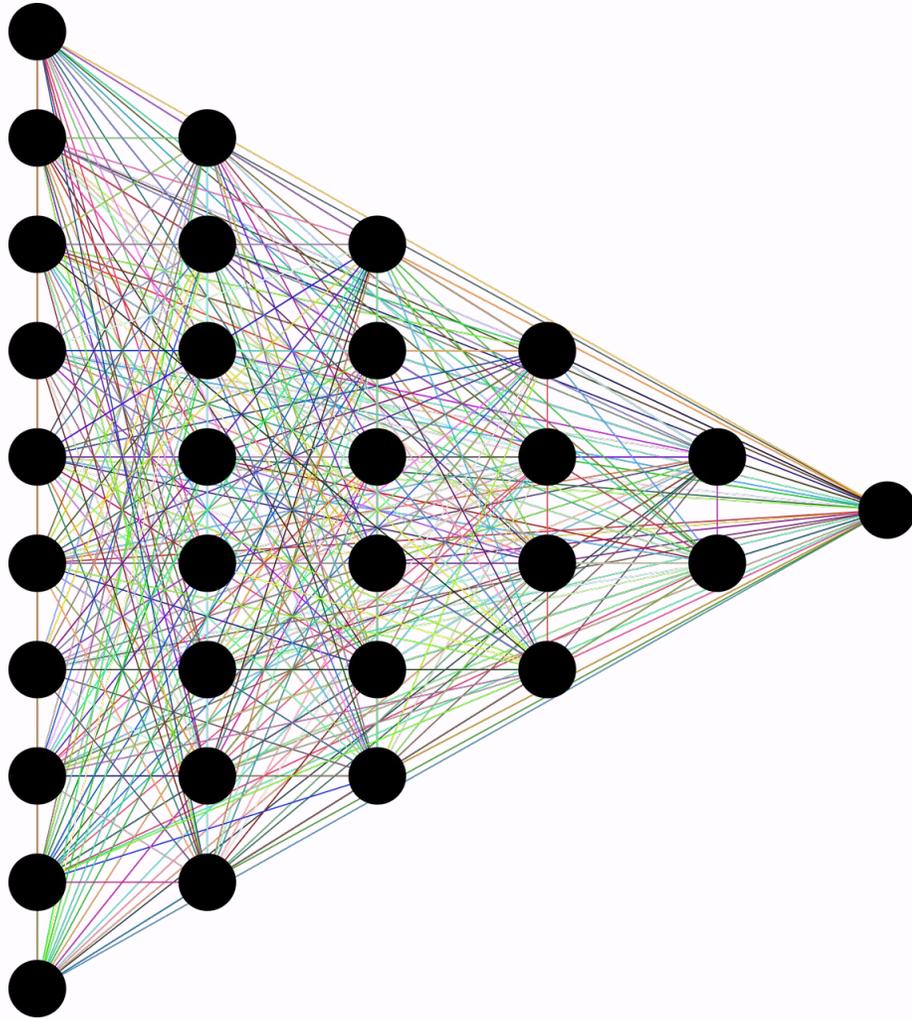
1972

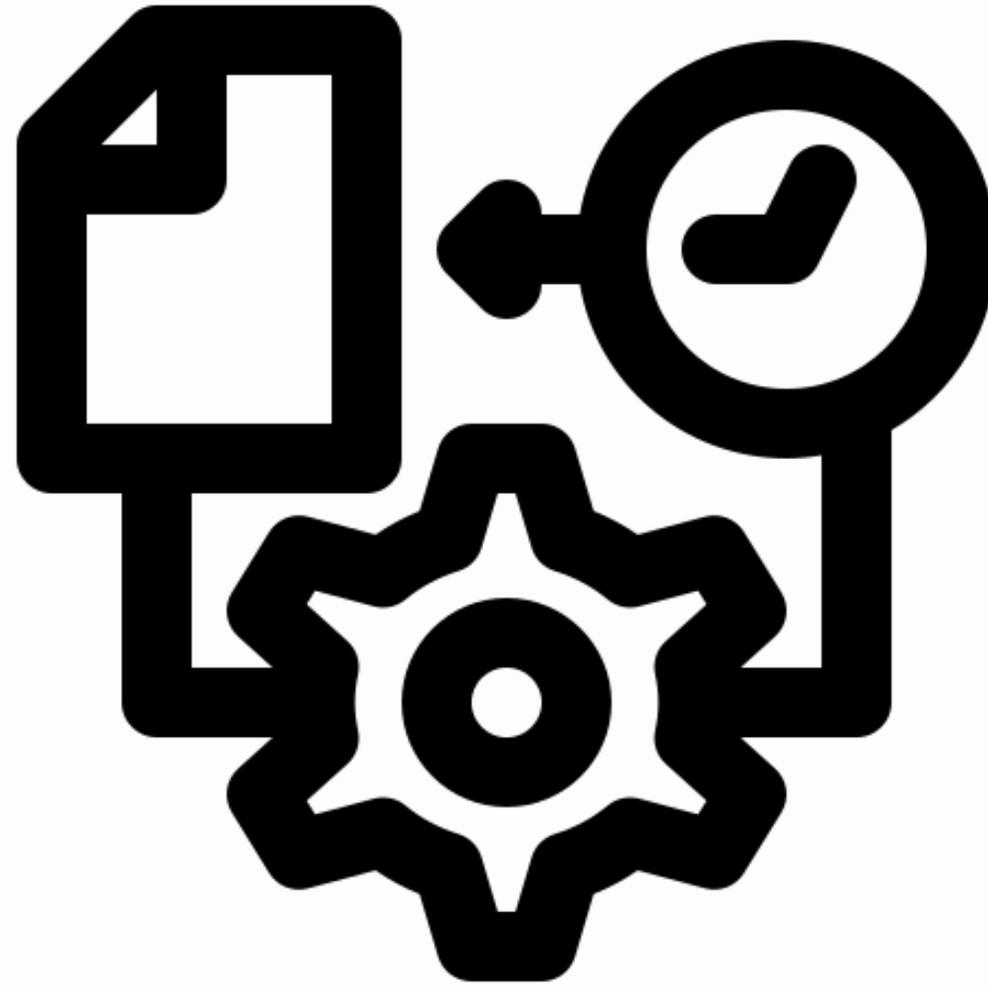


1972

Verbesserungen

Integration von Deep Learning





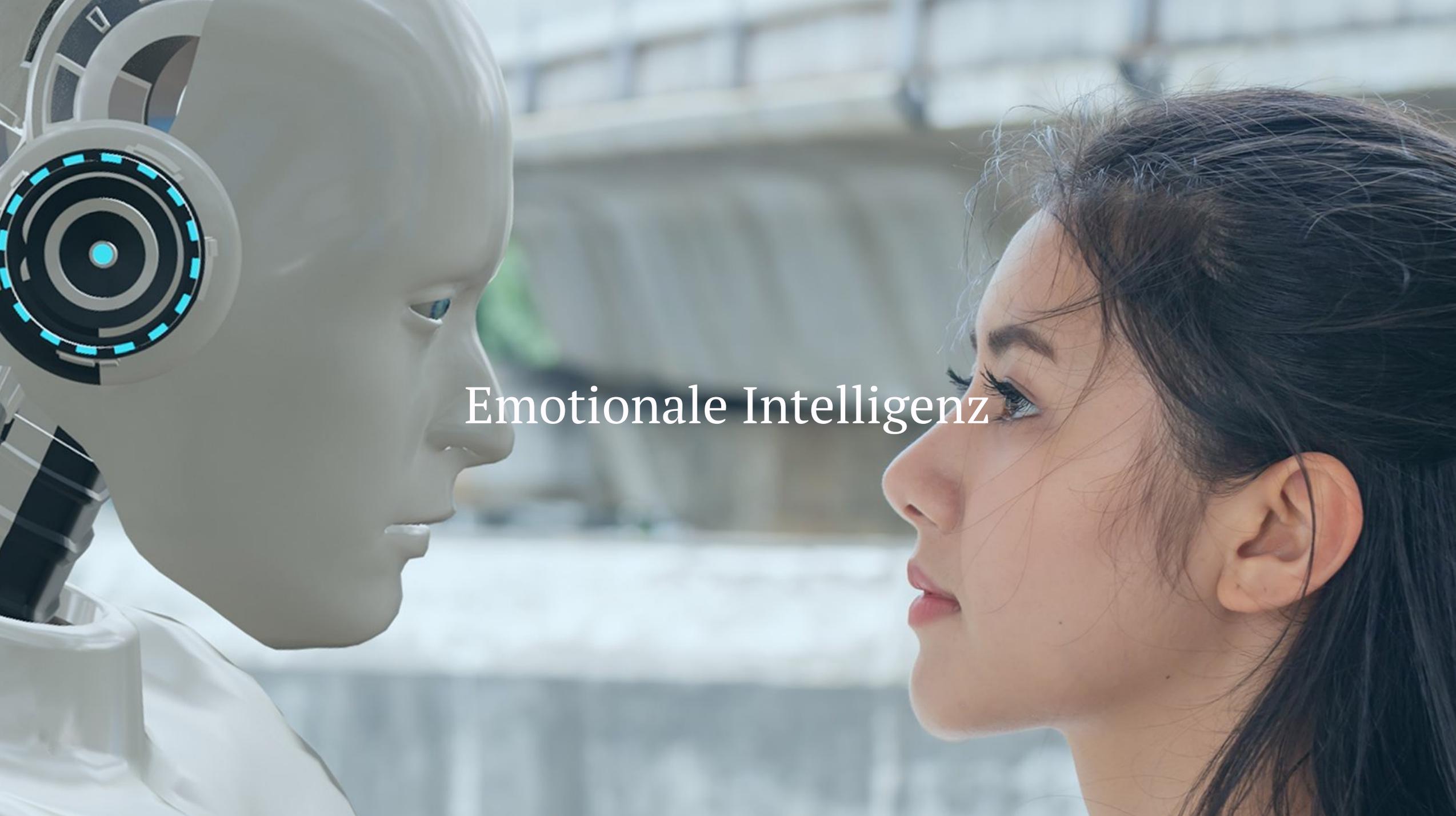
Reaktion in Echtzeit



Kontextverständnis



Personalisierung



Emotionale Intelligenz

Sprachsupport



Use Cases Heute

Virtuelle Assistenten



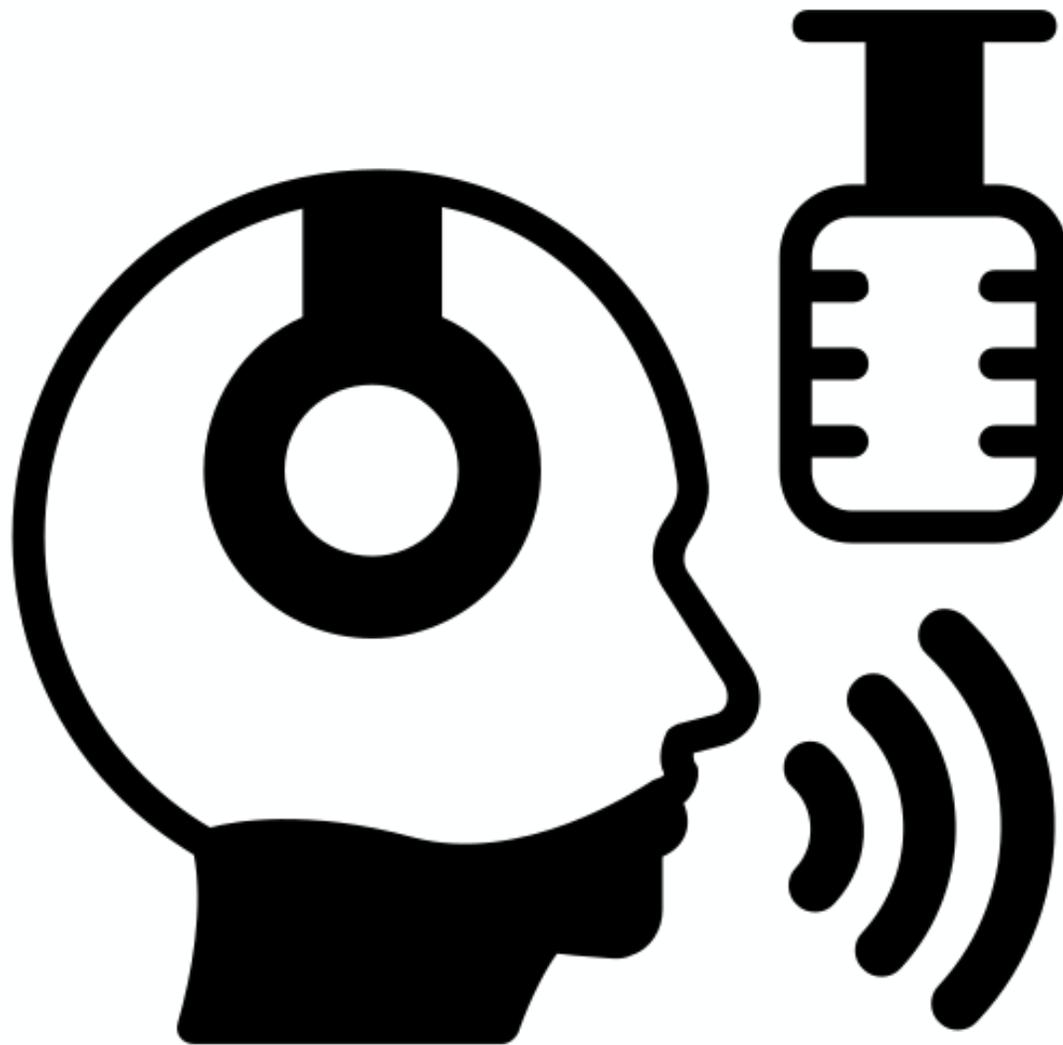
Call Center Skalierung



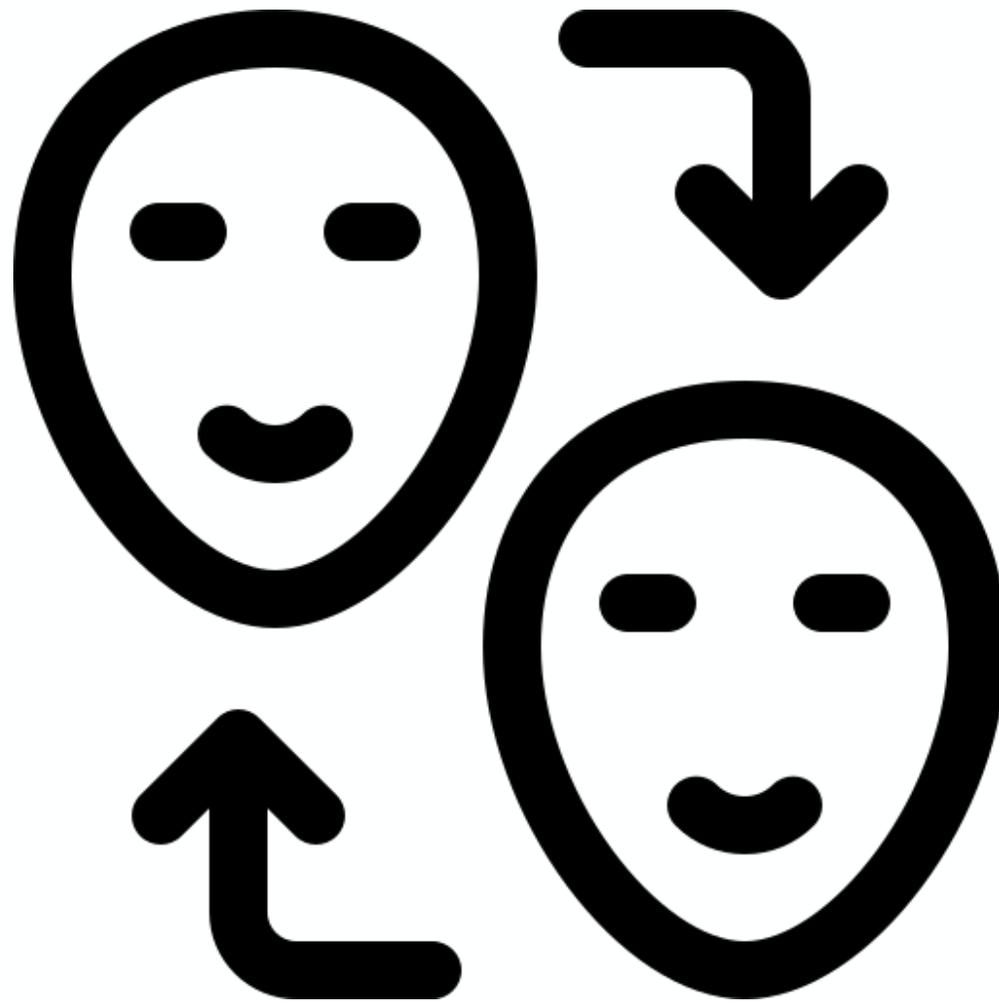
Barrierefreiheit



Voiceovers



Deep fakes



Use Cases Morgen?

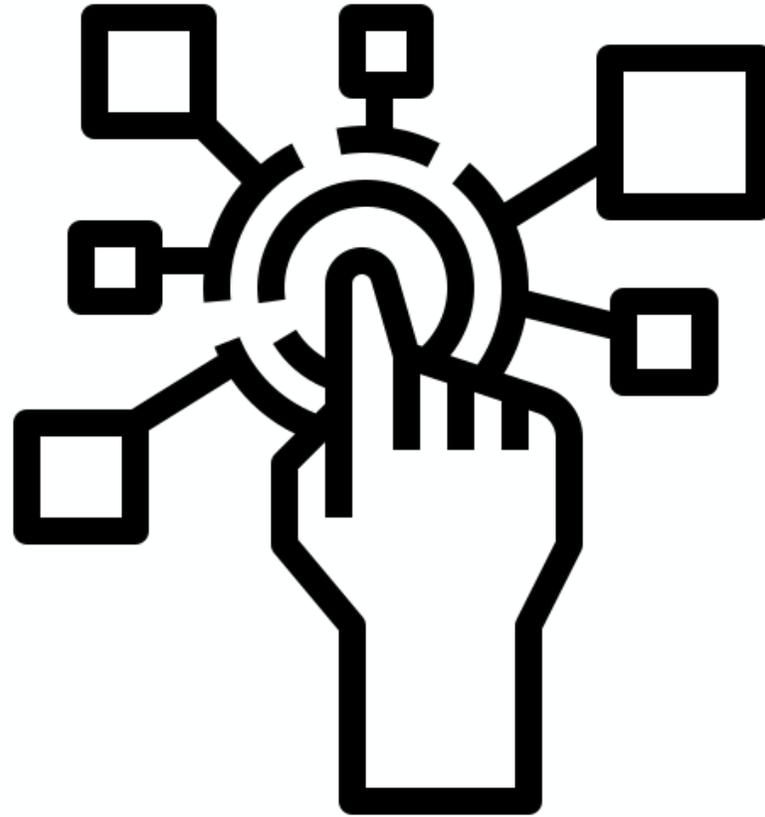
Zugdurchsagen



Kontextbewusster



Interaktivere Erlebnisse



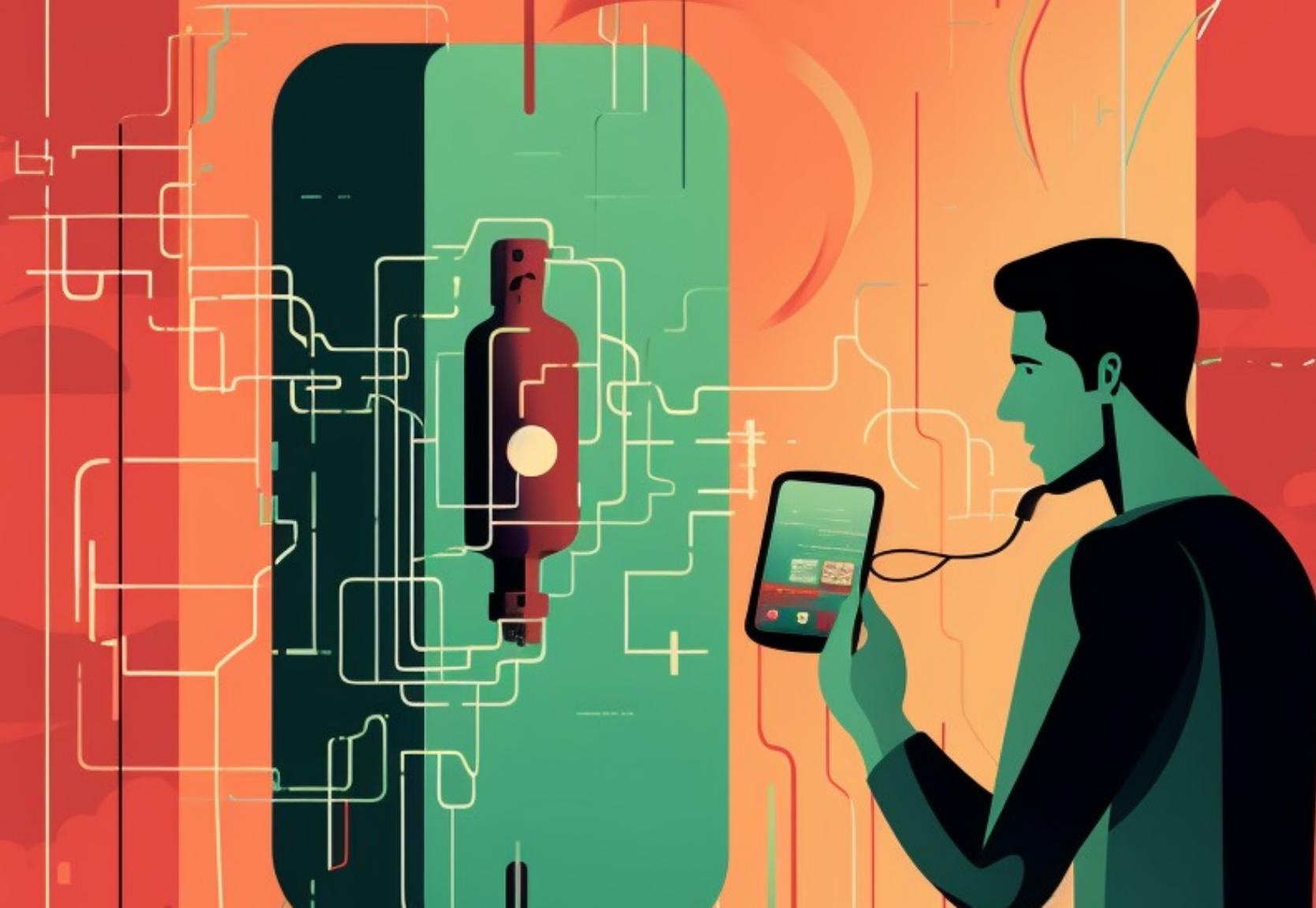
Ausbau von Barrierefreiheit



Interaktiver Kundensupport



Sprachbasierte Authentifizierung



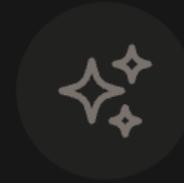
How to (easy mode)

How would you like to clone your voice?



Instant

Only 30 seconds of
audio needed



High Fidelity

Flawless results with 100% voice
and accent resemblance

[Upgrade Plan to Access](#)

Play AI

Voice Cloning



Create a New Clone

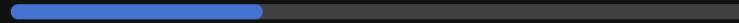
Let's create your Instant Voice Clone

Voice Name



Upload High Quality Audio sample

Uploading: voice_example_for_test.wav



Upload at least 30 seconds of high quality audio

I hereby confirm that I have all the necessary rights or consents to clone and use this voice... [See more](#)

Create

Voice Cloning

Create New File

Recent Files 

Files

Voice Cloning

API Access

Billing

 Non-English Voices

9,352 words remaining

Add More Words

 Create a New Clone

Search cloned voices 

Voice clone demo

Cloning completed

 Use

 Share

 Delete

Showing 0 to 1 of 1 results

Create New File

-  **Recent Files** 
- Untitled
 - Untitled
 - Project Psychological Pl...
 - Project Attractive Lime
 - Project Big Tomato

-  Files
-  Voice Cloning
-  API Access
-  Billing

 **Non-English Voices**

9,352 words remaining

Add More Words

Voice clone demo

|type here...

Do you have any feedback? Please share it with us by [clicking here.](#) | 

(Untitled) 

1 word • 1 sec speaking time

 **Import Video**

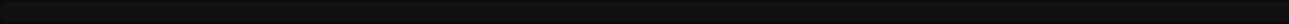


Export Project 

Voice clone demo

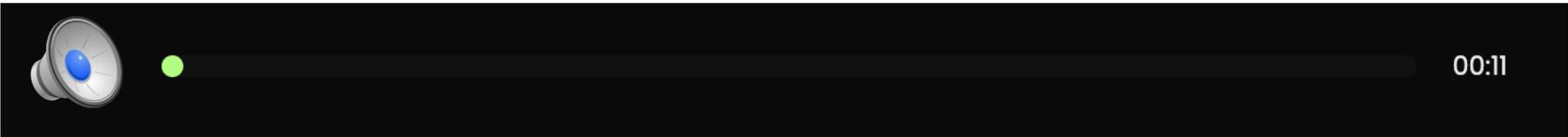


Generate



Playing

Demo



Ende