

WIE (UND WO) MAN ÜBER KI LERNEN KANN – GOOGLE, MICROSOFT UND VIEL MEHR!



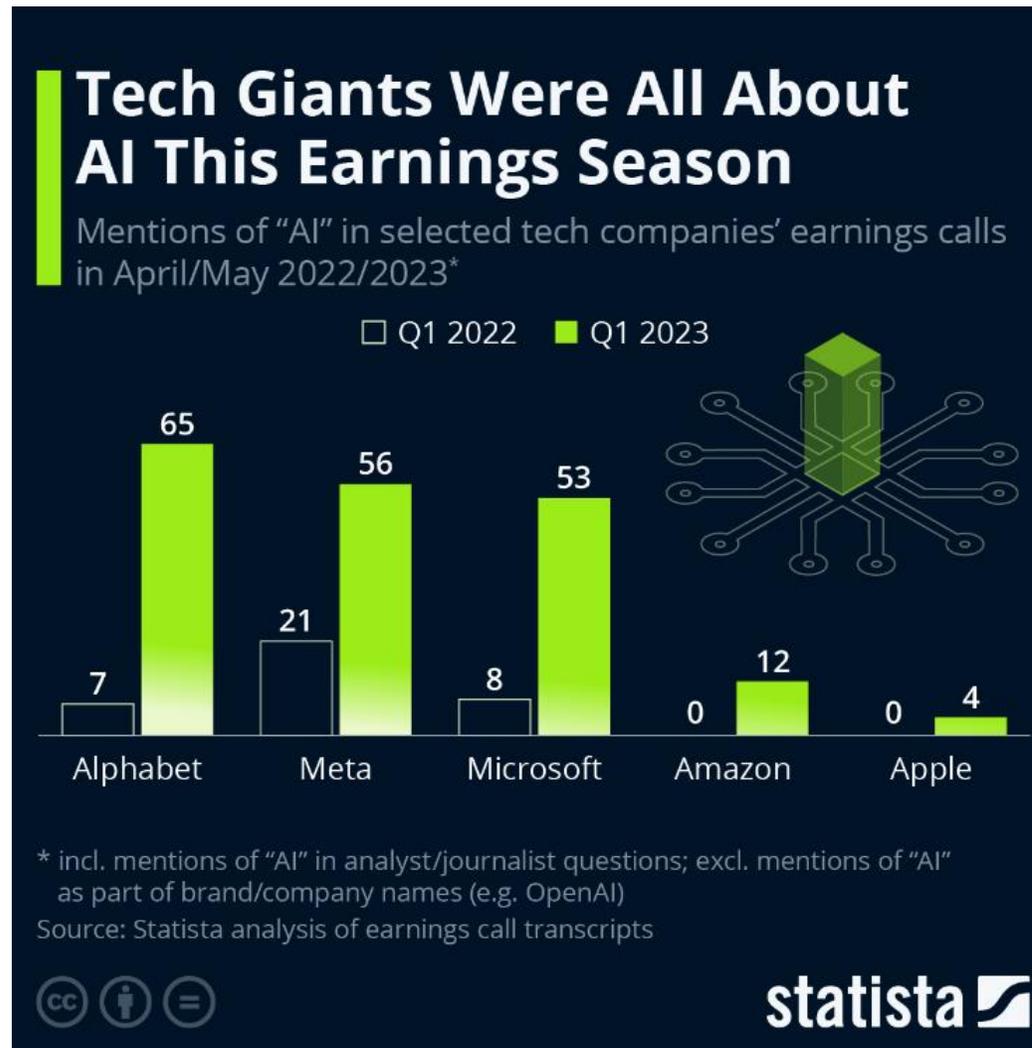
Marten Graebner
Juli 2023

Disclaimer: All views are my own

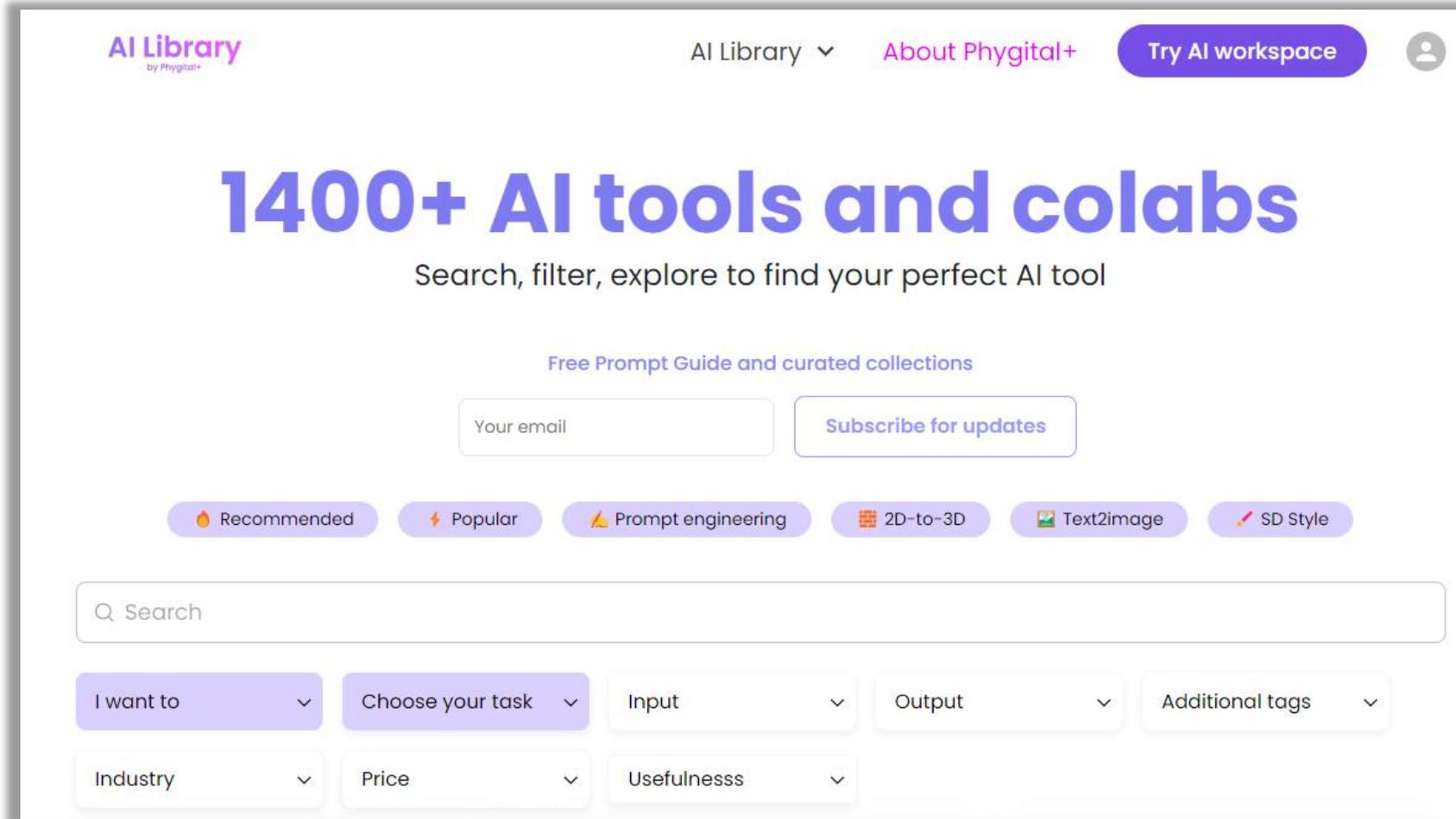


Alle Inhalte und Aussagen sind von
mir als **Privatperson** –
und sind **nicht** die meines Arbeitgebers

Jeder spricht von AI...



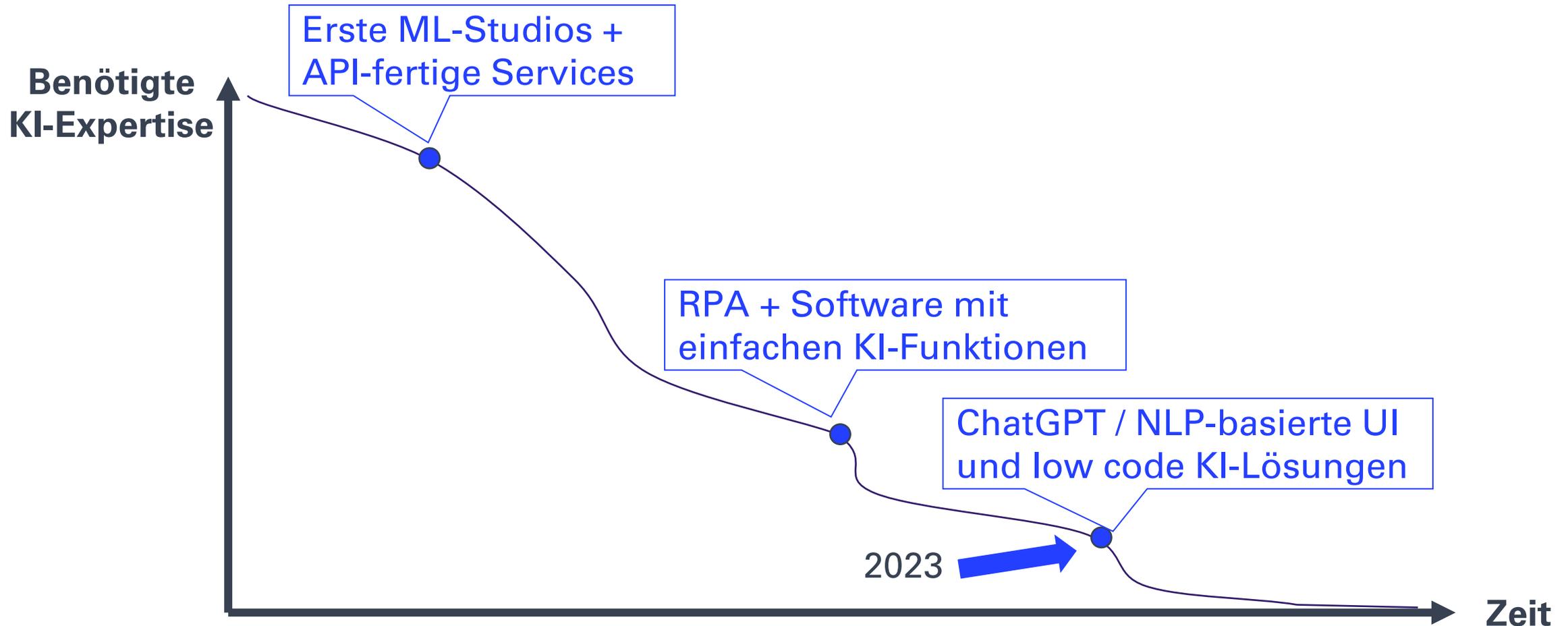
Anzahl an KI-Lösungen explodiert



The screenshot shows the homepage of 'AI Library by Phygitai+'. The header includes the logo, navigation links for 'AI Library', 'About Phygitai+', and a 'Try AI workspace' button. The main headline reads '1400+ AI tools and colabs' with the subtitle 'Search, filter, explore to find your perfect AI tool'. Below this is a section for a 'Free Prompt Guide and curated collections' with an email sign-up form. A row of category buttons includes 'Recommended', 'Popular', 'Prompt engineering', '2D-to-3D', 'Text2image', and 'SD Style'. A search bar is present, followed by a grid of filter dropdowns: 'I want to', 'Choose your task', 'Input', 'Output', 'Additional tags', 'Industry', 'Price', and 'Usefulness'.

- Von Grosskonzernen bis kleinen Startups ist alles dabei
- Von Single-Purpose-Tools bis hin zu Allzweckwaffen
- Wöchentlich kommen Dutzende dazu – es sind aber **nicht alle gut oder vertrauenswürdig!**

Es wird alles einfacher ;-)



Privat vs. Beruflich = trennen



Achtung:

Datenschutz

Interne Richtlinien

Strategie / Politik



Achtung:

Seriosität

Kosten

Datenverwendung

Grosse Anbieter = Enterprise Ready



Bigger = better (im beruflichen Kontext)

- **Produktive KI-Referenzen**
- **Hohe Investitionen in Cybersecurity**
- **Hohes Datenschutz-Niveau**
- **Hohe Kompatibilität mit Drittsystemen**
- **Support (Training, Updates usw.)**

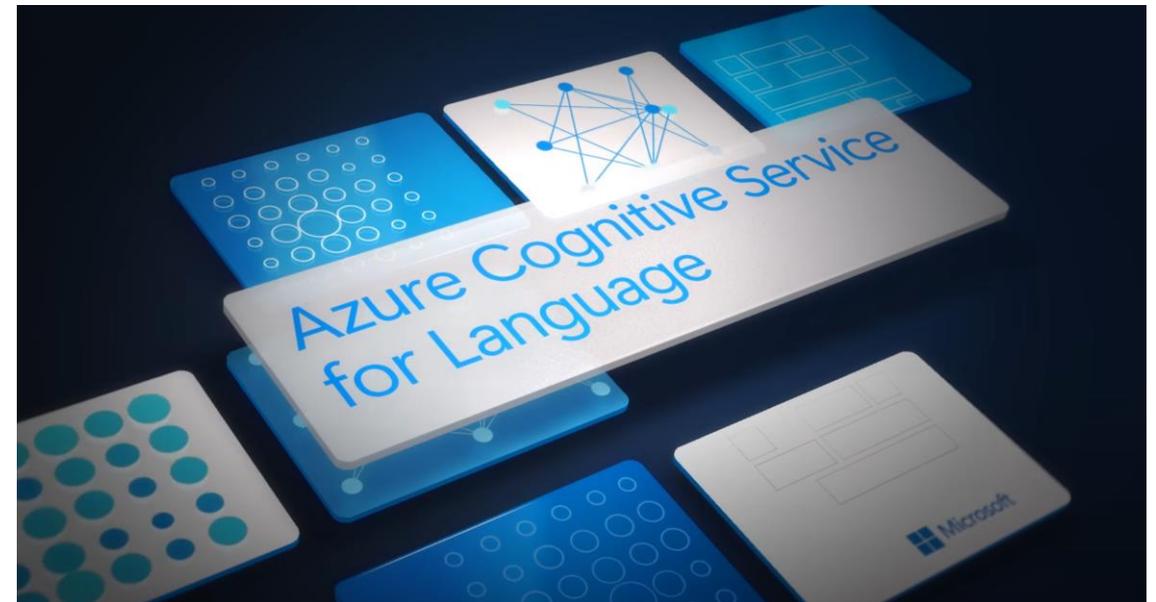
Einblick: Microsoft (1/4)



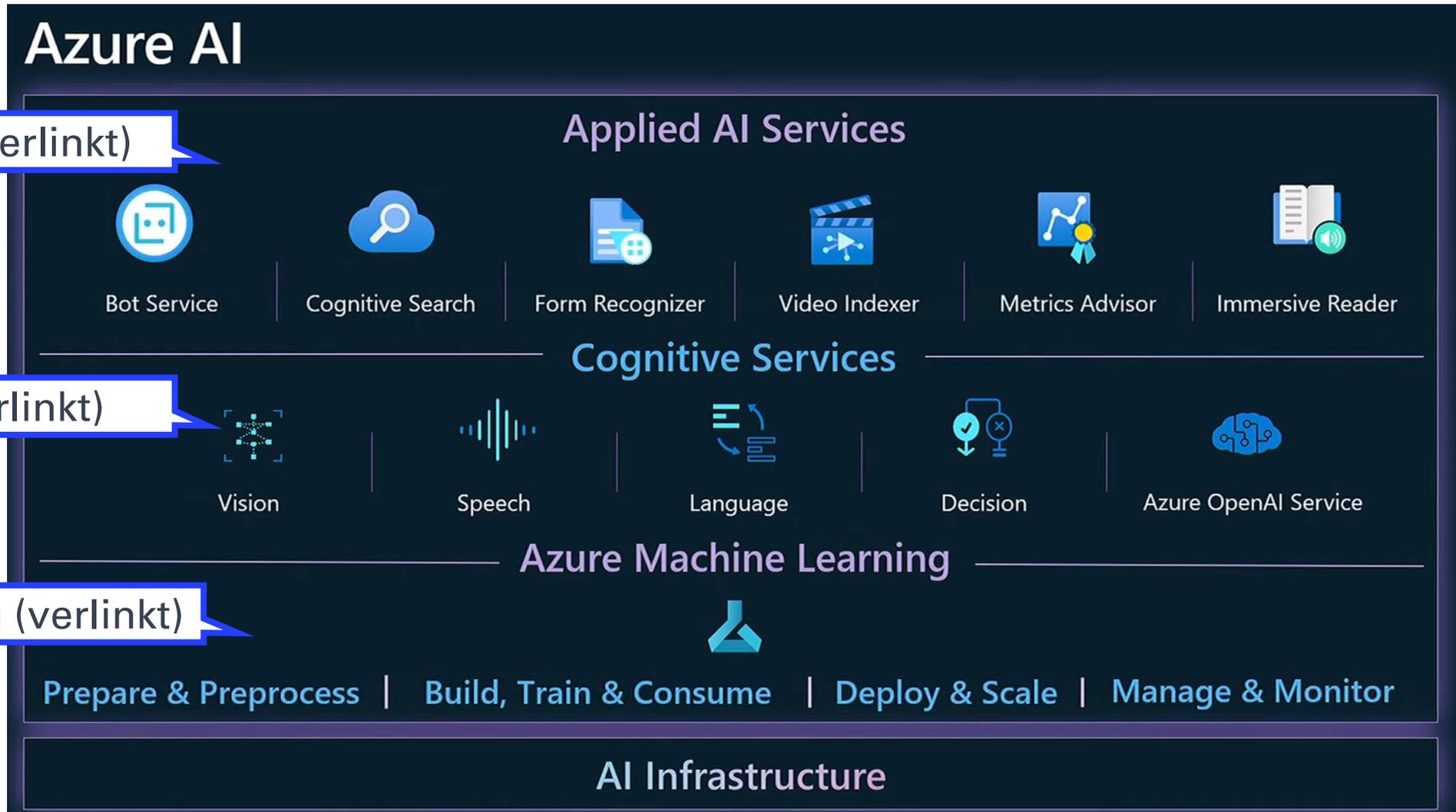
Azure AI Studio

Einblick: Microsoft (2/4)

Cognitive Services for Vision
Demo



Einblick: Microsoft (3/4)



Einblick: Microsoft (4/4)

Microsoft | Power Automate Guided Tour

Start Free >

Power Automate = vergleichbar mit RPA (verlinkt)

Get started with flows

Flows are the building blocks to automating workflows in Power Automate. To start streamlining your organization's processes, flows help you minimize repetitive, manual, and time-consuming tasks—creating more time for you to focus on strategic work.

Within Power Automate, there are three different types of flows: **cloud flows**, **desktop flows**, and **business processes flows**.

< Step 1 of 7 >

Enhance your flows

Run your flows

Summary

The screenshot displays the Microsoft Power Automate user interface. On the left is a navigation sidebar with options like Home, Action items, My flows, Create, Templates, Connectors, Data, Monitor, AI Builder, Process advisor, Solutions, and Learn. The main content area is titled 'Three ways to make a flow' and is divided into 'Start from blank' and 'Start from a template'. Under 'Start from blank', there are five cards: 'Automated cloud flow' (highlighted with a blue circle), 'Instant cloud flow', 'Scheduled cloud flow', 'Desktop flow', and 'Business process flow'. Under 'Start from a template', there are two rows of template cards. The first row includes 'Notify a team when a new Forms response is submitted', 'Notify a team when a new item is created in a SharePoint List', 'Follow up on a message', and 'Create a task from a message'. The second row includes 'When the status of a task in Planner changes to complete, notify a channel', 'Save a message to OneNote', 'Schedule a meeting with a message sender', and 'Start an approval in Teams when a file is added to a SharePoint folder'. Each template card shows the flow type (Automated or Instant) and a popularity count. At the bottom left, there is a 'Power Platform' link and a 'Share' button.

Einblick: Google (1/4)



Vertex AI

with Generative AI

Foundation Models Prompt Design Tuning Image Generation and Editing

New

The image shows a promotional graphic for Vertex AI. At the top is the Vertex AI logo, which consists of a stylized blue 'V' shape with a grid of dots above it. Below the logo is the text 'Vertex AI'. Underneath that is the text 'with Generative AI' in a larger, bold font. A horizontal purple line separates this from a row of four categories: 'Foundation Models', 'Prompt Design', 'Tuning', and 'Image Generation and Editing'. At the bottom center is a blue rounded rectangle with the word 'New' in white text.

Einblick: Google (2/4)

16 Min lang (verlinkt)

Google Cloud

Introduction to
Generative AI Studio



Einblick: Google (3/4)

Einfach (verlinkt)

Generative AI Studio

Generative AI Studio on Vertex AI

Prompt, tune, and deploy Google foundation models; including PaLM 2, Imagen, Codey, and Chirp. Now generally available.

[Try it for free](#) [View docs](#)

Product highlights

- Google's foundation models, like PaLM, available as APIs
- Tune foundation models with business data
- Variety of tools for everyone in an organization

Build, tune, and deploy foundation models with Vertex AI
03:40

FEATURES

Low-code generative AI

Easily access, tune, and deploy Google's multimodal foundation models including:

- PaLM 2 for Text and Chat
- Imagen, text-to-image foundation model, to generate and customize studio-grade images
- Codey to accelerate software development with code generation, code completion, and code chat
- Chirp, our state-of-the-art speech model, to engage with customers and constituents inclusively in their native languages with captioning and voice assistance

Mittel (verlinkt)

AI for Developers

- AutoML**
Custom machine learning model training and development.
- Dialogflow**
Conversation applications and systems development suite for virtual agents.
- Media Translation**
Add dynamic audio translation directly to your content and applications.
- Natural Language AI**
Sentiment analysis and classification of unstructured text.
- Recommendations AI**
Deliver highly personalized product recommendations at scale.
- Speech-to-Text**
Speech recognition and transcription supporting 125 languages.
- Text-to-Speech**
Speech synthesis in 220+ voices and 40+ languages.
- Translation AI**
Language detection, translation, and glossary support.
- Video AI**
Video classification and recognition using machine learning.
- Vision AI**
Custom and pre-trained models to detect emotion, text, more.

Schwierig (verlinkt)

AI for Data Scientists

- Vertex AI**
Unified platform for training, hosting, and managing ML models.
- Vertex AI Workbench**
A single interface for your data, analytics, and machine learning workflow.
- Vertex Explainable AI**
Tools and frameworks to understand and interpret your machine learning models.

Einblick: Google (4/4)

Kostenlos testen (verlinkt)

Start your AI journey today with our business-ready AI and machine learning products and solutions

Get started for free

Explore Generative AI

Embed AI in applications

Build and deploy ML models

Deploy business solutions

Harness the power of generative AI

- ✓ Access foundation models via API on Vertex AI's [Model Garden](#) or tune models with your own data with [Generative AI Studio](#)
- ✓ Create AI-powered chatbots & search engines with [Generative AI App Builder](#)
- ✓ Work smarter with Duet AI for [Google Cloud](#) and Google [Workspace](#), a generative AI-powered collaborator
- ✓ Increase productivity with Generative AI on [Google Workspace](#)

VIDEO

Create and edit images with Imagen on Vertex AI



LEARN MORE

Your guide to Generative AI on Google Cloud

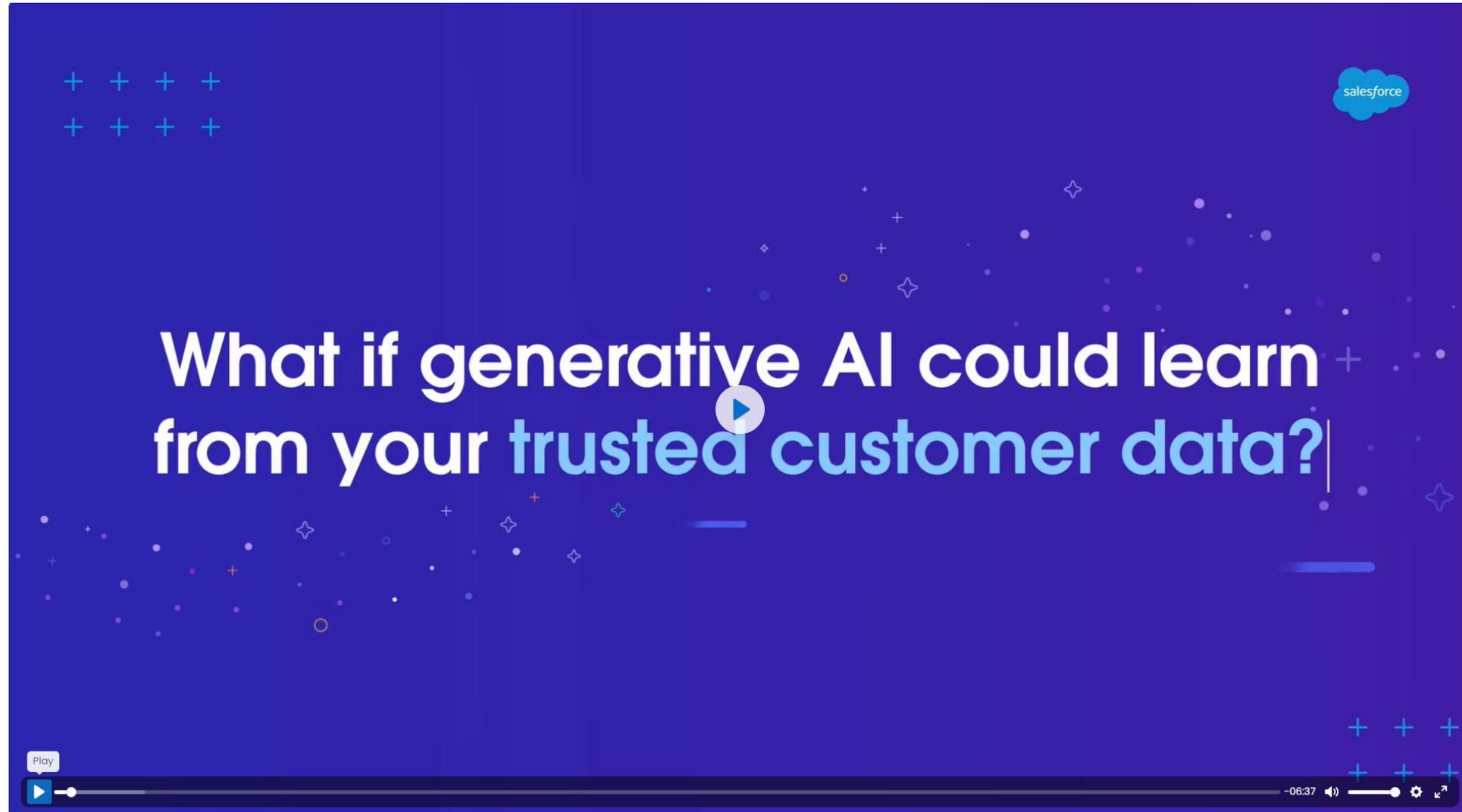
VIDEO

Prototyping Language Apps on Generative AI Studio

Join the Google Cloud Trusted Tester Program to gain early access to emerging Cloud AI technologies

Join the waitlist

Einblick: Salesforce (1/1)



Wie mit KI starten?

Allgemein; ohne Fokus auf eine Software
(verlinkt; alles rein online)

udemy

edX

UDACITY

coursera

Mit Fokus auf eine Software
(verlinkt; alles rein online)

Google Cloud

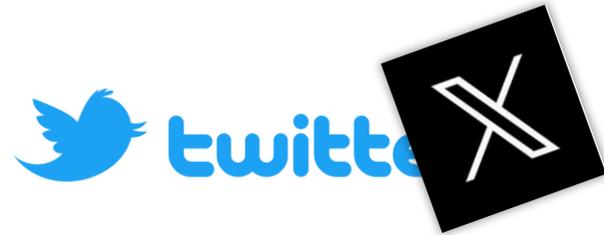
Microsoft

KI an der Uni Liechtenstein

Mit Präsenzveranstaltungen
(verlinkt)



Wenn es nicht weitergeht – Fragen

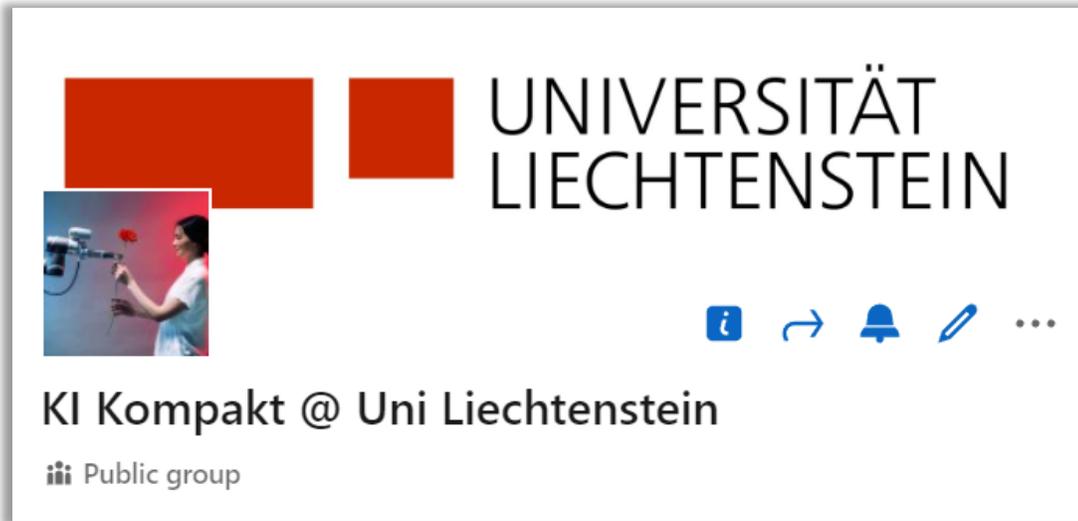


Tweets oder **Kommentare** sind super,
um sich auszutauschen



Mit „**[solved]**“ am Ende findet
man eher Foreneinträge usw.
in denen das gesuchte
Problem gelöst worden ist

Immer informiert bleiben!



UNIVERSITÄT
LIECHTENSTEIN

KI Kompakt @ Uni Liechtenstein

Public group

Tretet unser neuen [LinkedIn Gruppe](#) bei

Veranstaltungsreihe

KI Kompakt

Verbinden. Lernen. Anwenden. Ihre KI-Plattform für Wirtschaft, Wissenschaft und Alltag in Vorarlberg, Liechtenstein und der Ostschweiz.

Was ist KI kompakt?

KI Kompakt fördert das Verständnis und die Anwendung von KI in Vorarlberg, Liechtenstein, der Ostschweiz und darüber hinaus. In regelmäßigen Seminaren und Workshops werden Theorie und insb. die Praxisanwendung von KI erklärt. Wir organisieren auch Gastreferenten aus führenden KI-Unternehmen und der KI-Forschung. Unsere Events sind meistens hybrid, sodass Sie auch ohne eine Anreise nach Vaduz teilnehmen können.



Registriert Euch für den [Newsletter](#) und meldet Euch für [weitere Events](#) an

Vielen Dank 😊. Fragen?

