

How to use the different AI services from Microsoft to your advantage!



Session Goals

- Acknowledge change/Educate
- Inspire

Questions? Yes please







Gerjon Kunst

RawWorks | Innovation Officer | Citrix CTA | MCT

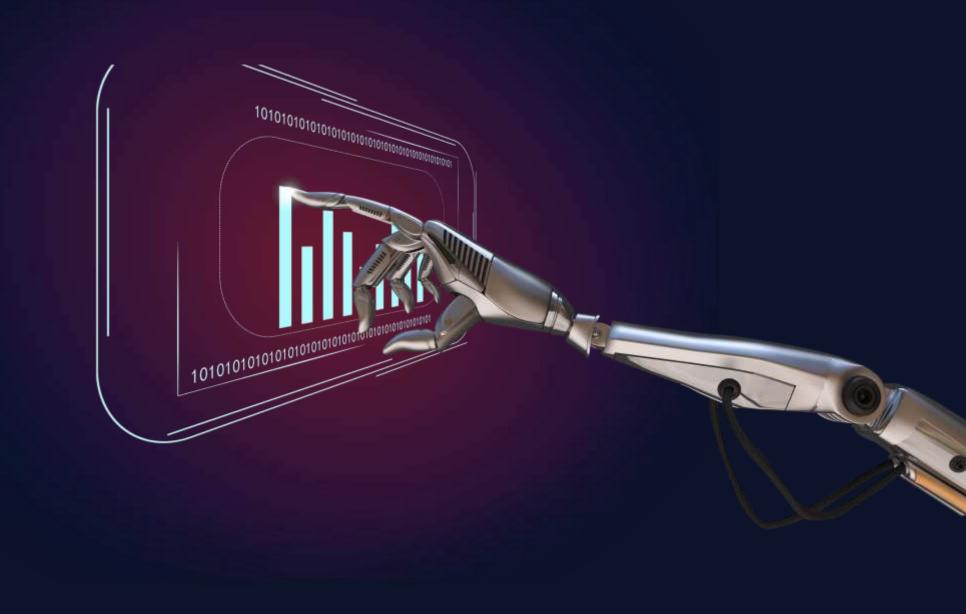




PART 02 State of AI

PART 04





WHAT IS AI

Copilot

Artificial intelligence (AI) refers to computer systems capable of performing complex tasks that historically only a human could do, such as reasoning, making decisions, or solving problems. It encompasses a wide variety of technologies, including machine learning, deep learning, and natural language processing (NLP). When most people use the term AI today, they're often referring to a suite of machine learning-powered technologies that enable machines to perform tasks like generating written content, steering a car, or analyzing data 1.

In simpler terms, AI is the theory and development of computer systems that can perform tasks that historically required human intelligence, such as **recognizing speech**, **making decisions**, and **identifying patterns**. It's like teaching computers to think and learn like humans, albeit in specialized ways.

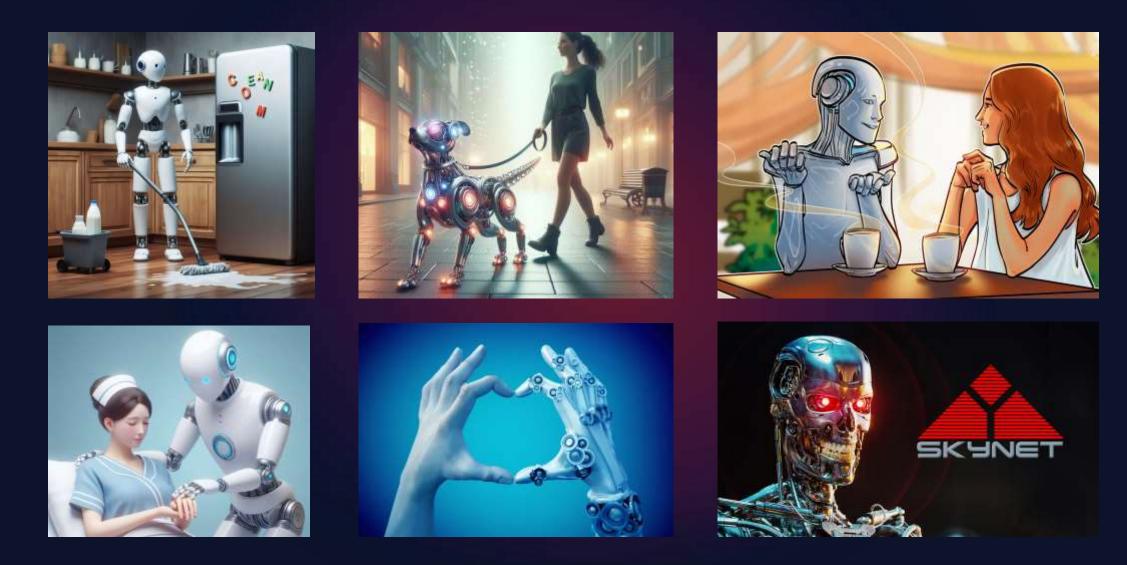
Here are some common examples of AI in use today:

- 1. ChatGPT: Uses large language models (LLMs) to generate text in response to questions or comments posed to it.
- Machine learning algorithms: These algorithms are trained on data sets to create models that allow computer systems to perform tasks like making song recommendations, identifying optimal travel routes, or translating text between languages.

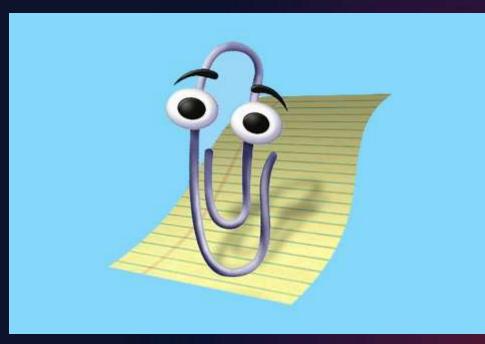


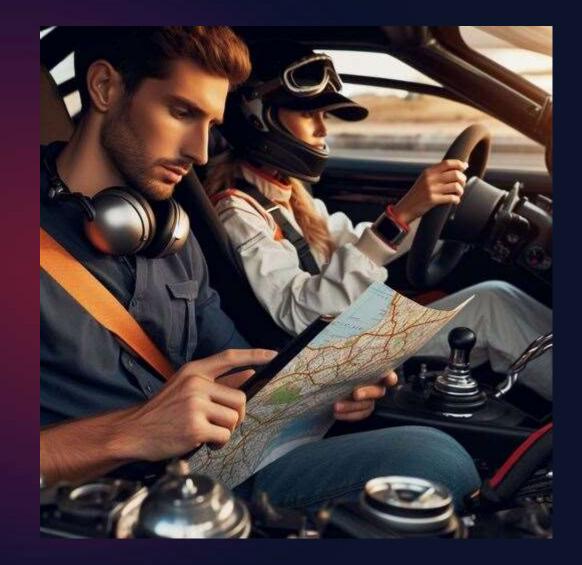
While we're not quite at the level of humanoid robots from science fiction, AI is already woven into our daily lives, powering services and goods we use every day. Whether it's the chatbot assisting with customer support or the recommendation engine suggesting your next favorite show, AI is here to stay and continues to evolve 1.

Whats the first thing that comes up when you think of Artificial Intelligence?



Whats the first thing that comes up when you think of Artificial Intelligence?









History of AI The Inception and Early Years (1950s - 1970s)





AI has been around for a while



History of AI (1980 – 2023)





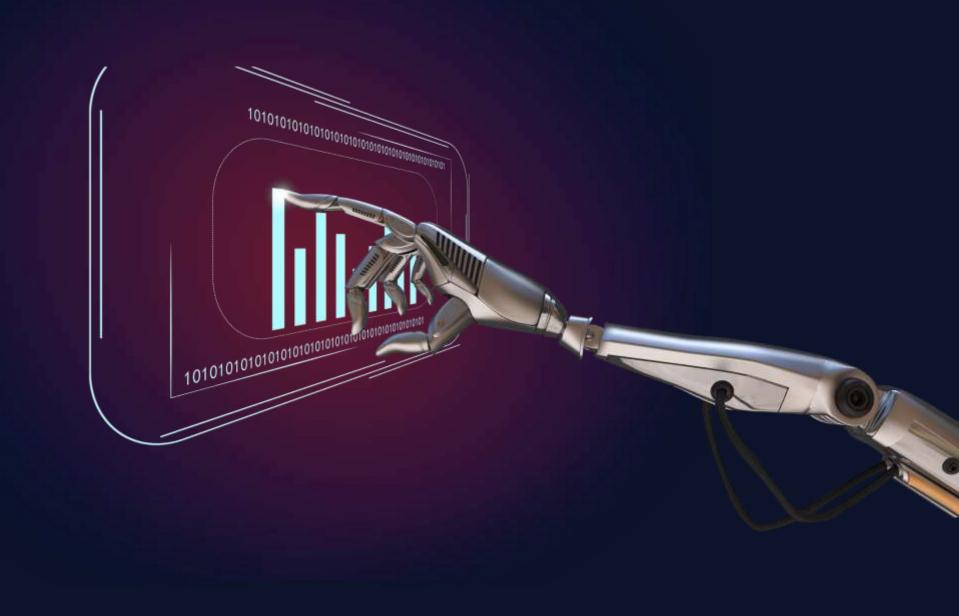
GPT-3, an autoregressive language model with 175 billion parameters



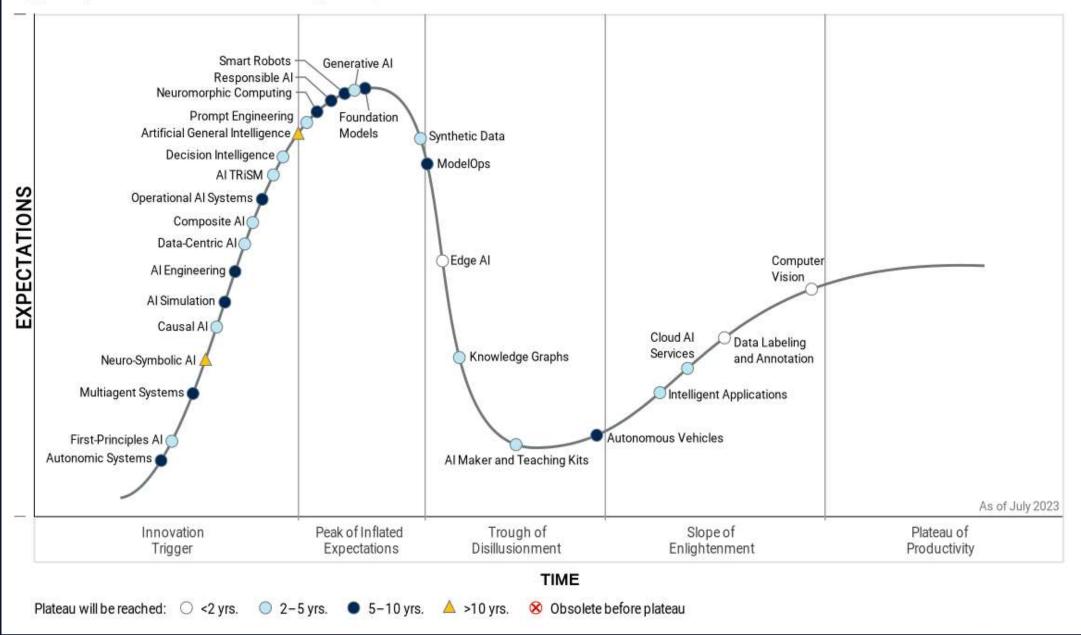
Al Video 1 year ago







Hype Cycle for Artificial Intelligence, 2023





Source: PwC Analysis

More charts: genuineimpact.substack.com

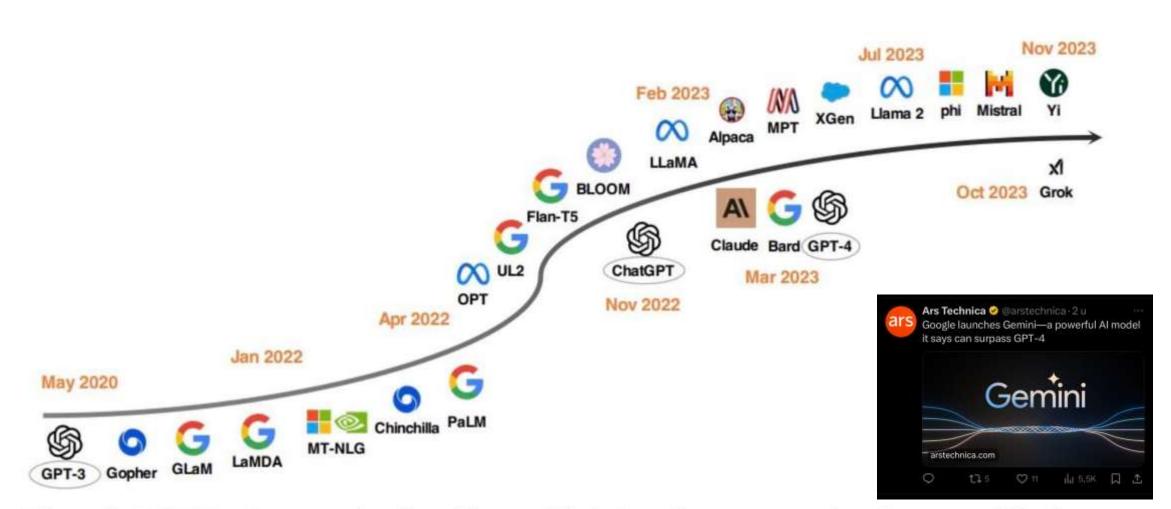


Figure 3: LLM development timeline. The models below the arrow are closed-source while those above the arrow are open-source.









 Mobileye • Palantir • Dynatrace •Uipath •C3 AI •SentinelOne • Upstart • Bayonet Al • Darktrace •Aurora Innovation

THE BIG PLAYERS



https://www.stash.com/learn/top-ai-companies/

START YOUR JOURNEY

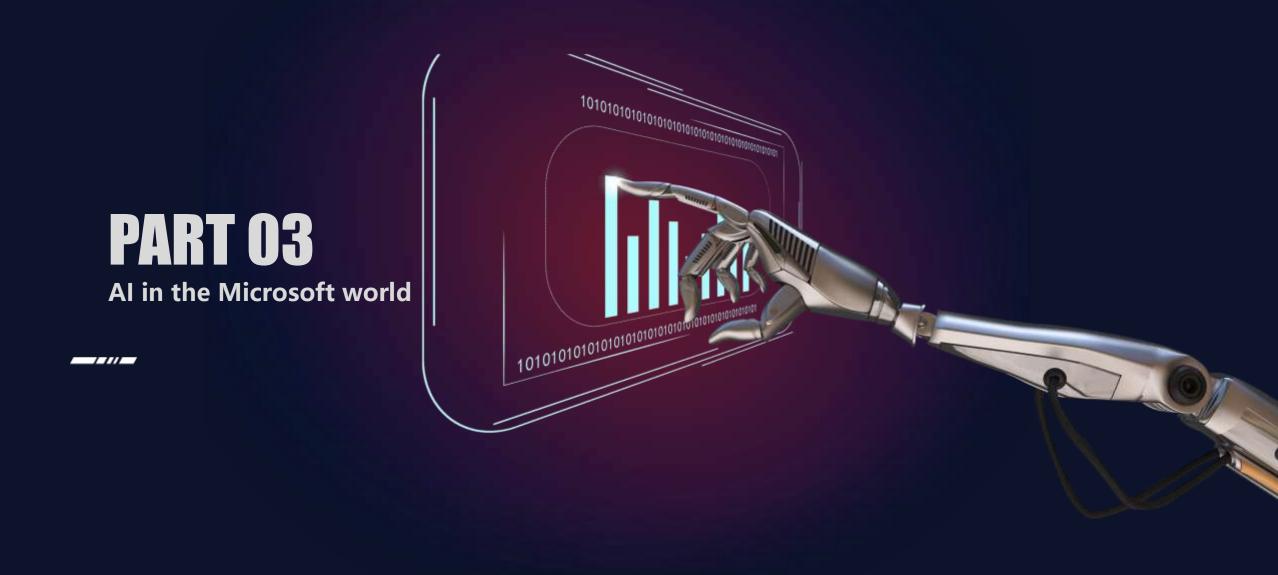
• ChatGPT/Bard/..

- Dall-E/Midjourny/picsart
- <u>152 Best Al Tools Of 2023</u> (synthesia.io)
- Business application
 integrations
- Custom Large Language Model
 (LLM) bots



Microsoft based

- Microsoft Co-Pilots
 - GitHub
 - Azure
 - Microsoft 365
 - Power Platform
 - Windows/Edge
 - Security
- Designer
- BYOB
 - Github repo's
 - Custom Co-pilot
 - Azure OpenAl



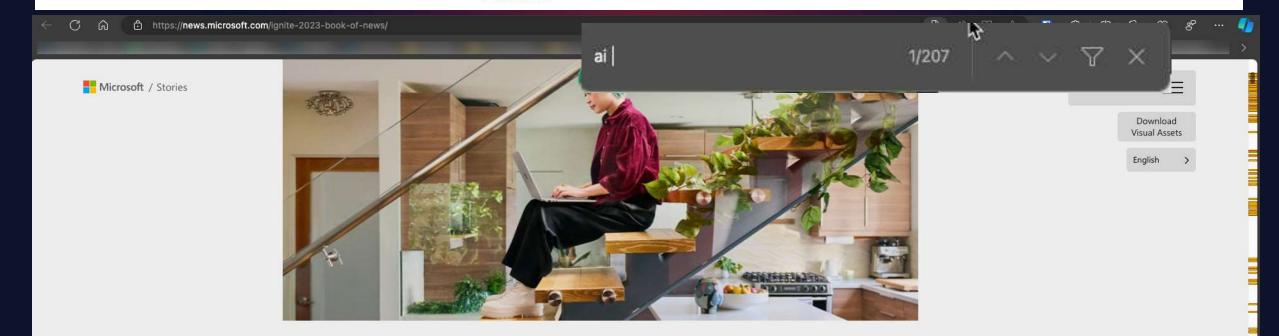
At IN THE MICROSOFT WORLD

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 news.microsoft.com/source/features/ai/microsoft-approach-to-ai/

At Microsoft, we believe artificial intelligence (AI) is the defining technology of our time.

At inicrosoft, we believe artificial intelligence (AI) is the defining technology of our time.

We have been on the forefront of cutting-edge research in AI and integrating these powerful, innovative AI technologies into our products and services to help customers do more. <u>Microsoft AI</u>, powered by <u>Azure</u>, provides billions of intelligent experiences every day in Windows, Xbox, Microsoft 365, Teams, <u>Azure AI</u>, Power Platform, Dynamics 365 and Microsoft Defender.



VISCHER

Fiercely independent. Wholly collegiate.

We are an influential, innovative Swiss law firm, dedicated to providing effective legal solutions for Swiss and international clients, covering business, tax and regulatory matters.

Only the use of **"Copilot for Microsoft 365"** or **"Azure OpenAl Service"** offers contractual protection in terms of data protection and confidentiality for companies. These services are obtained under business contracts such as the aforementioned MCA and are subject to the aforementioned Microsoft DPA. In addition, these services offer the option of concluding additional agreements for companies with special requirements, such as professional secrecy (e.g. lawyers, doctors, banks).

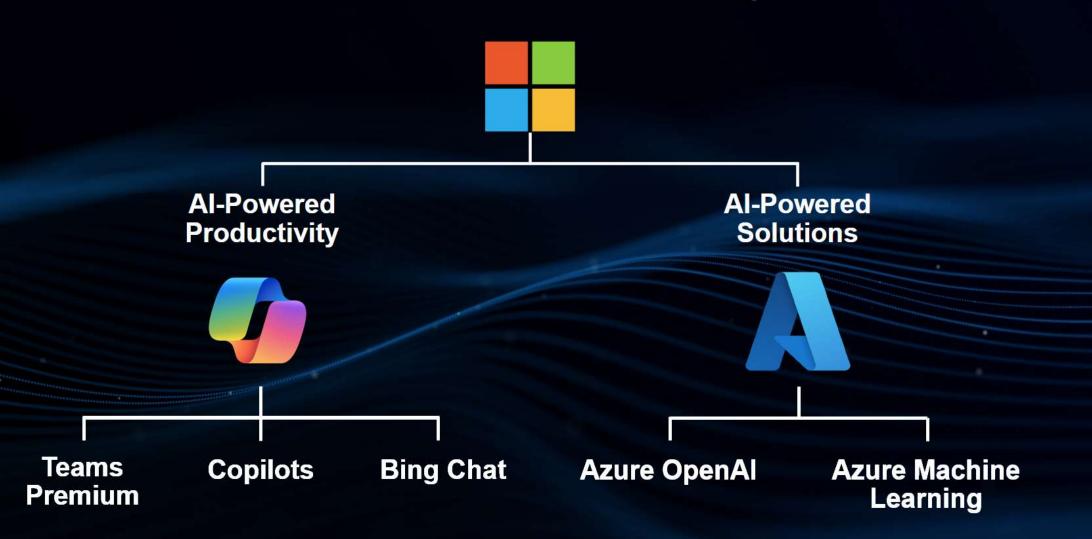
Part 2: Popular AI tools: What about data protection? - 22 January 2024 - VISCHER

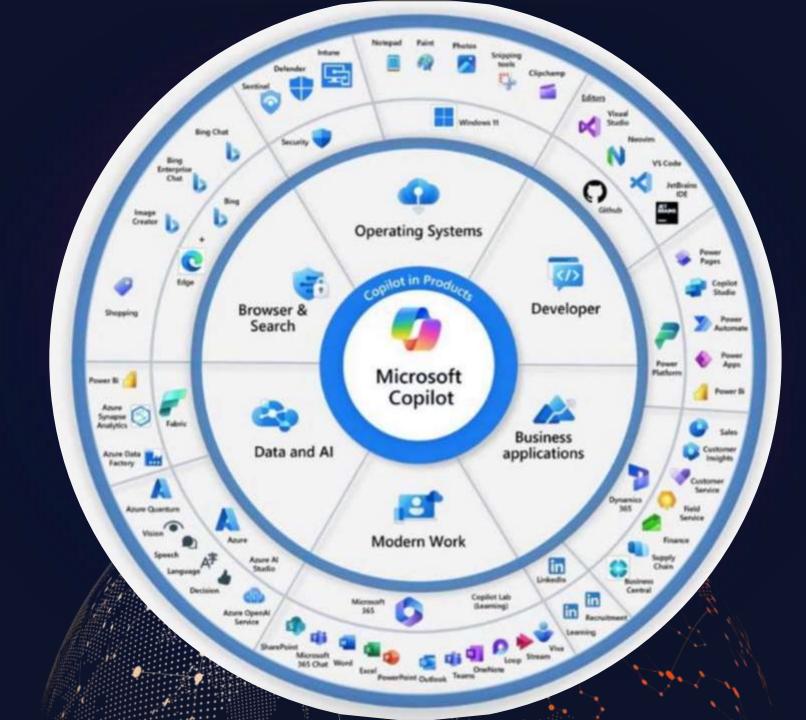
What makes Microsoft OpenAI/Copilot different from OpenAI

- Data Security
- Control
- Risk of Intellectual Property (IP) Exposure
- Customization
- Private Access
- Compliance and Governance
- Fine-tuning on Proprietary Data
- Integration with Azure Services
- Futureproofing

Note: OpenAl released Chat GPT team that counters some of these issues

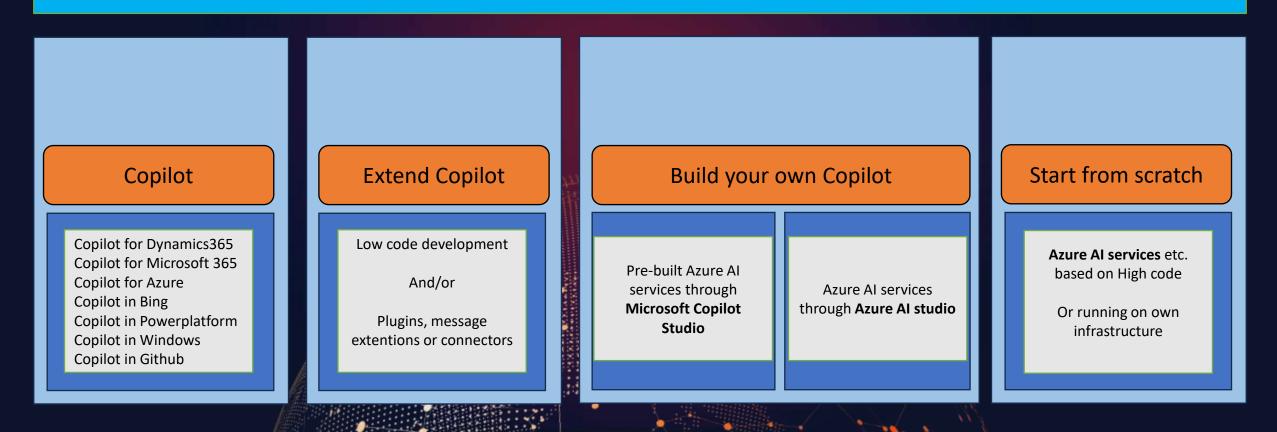
Microsoft A.I. Landscape



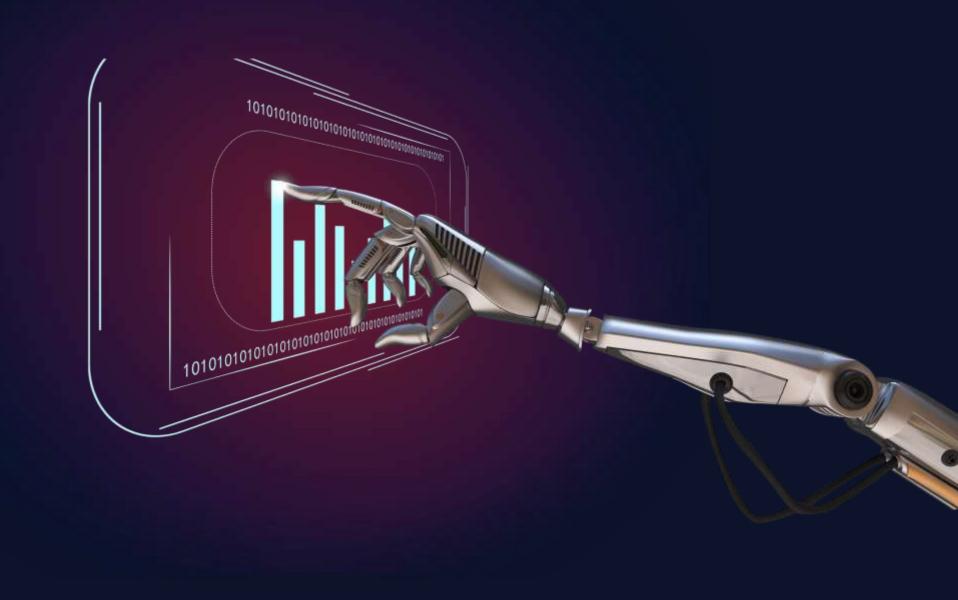




Microsoft A.I. Landscape









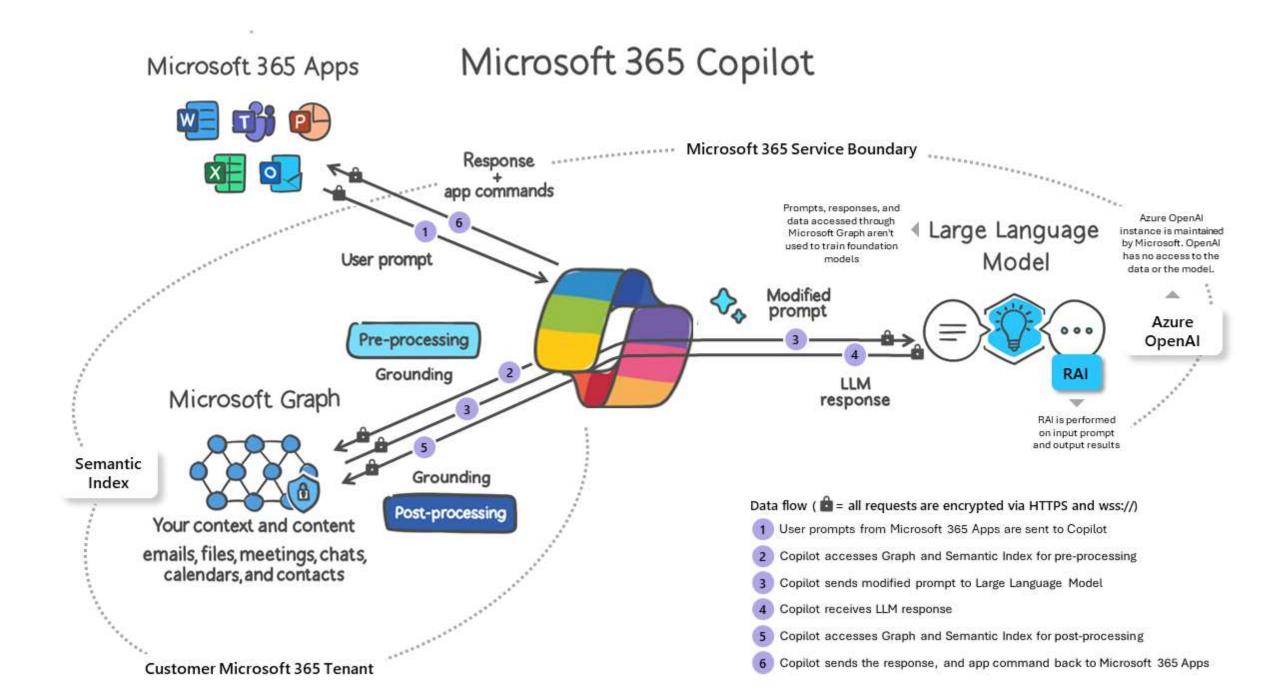


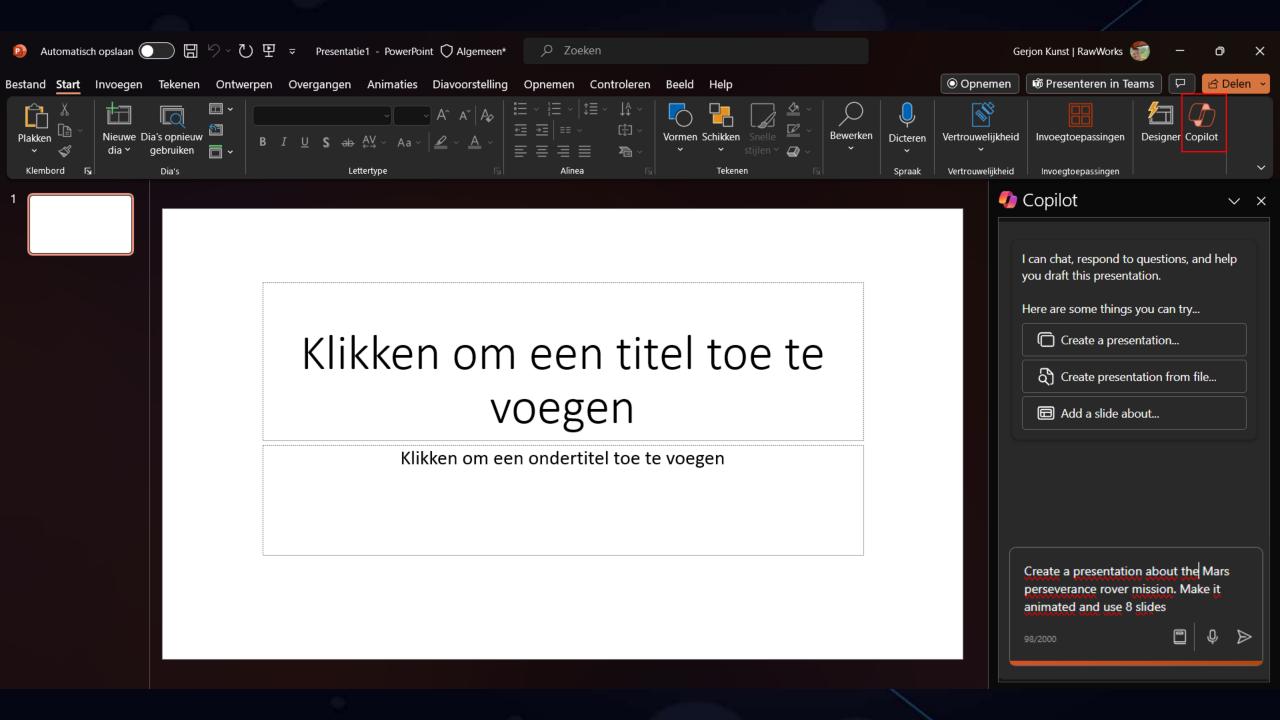
Microsoft A.I. Landscape



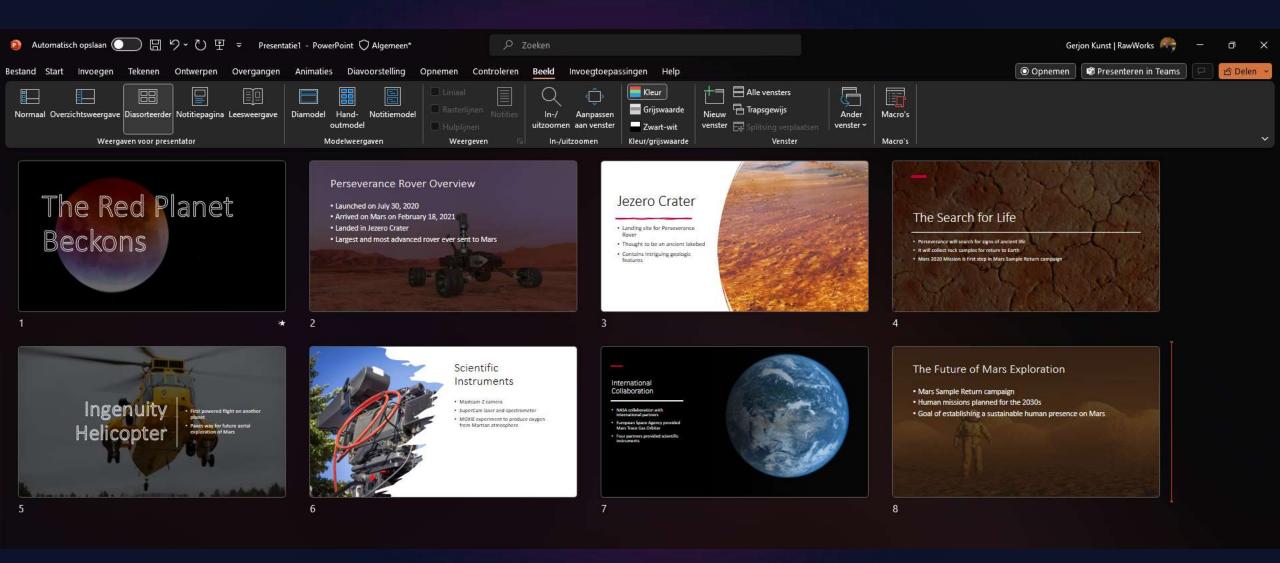
Copilot for Dynamics365 Copilot for Microsoft 365 Copilot for Azure Copilot in Bing Copilot in Powerplatform Copilot in Windows Copilot in Github

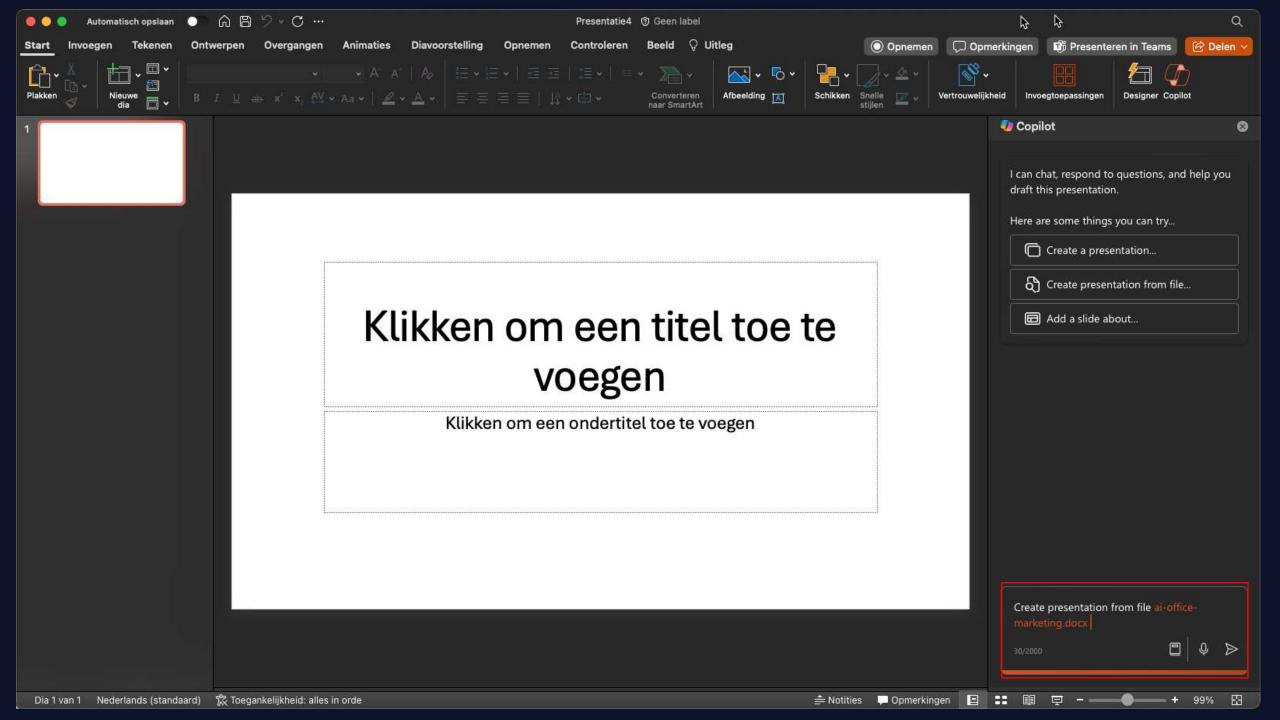


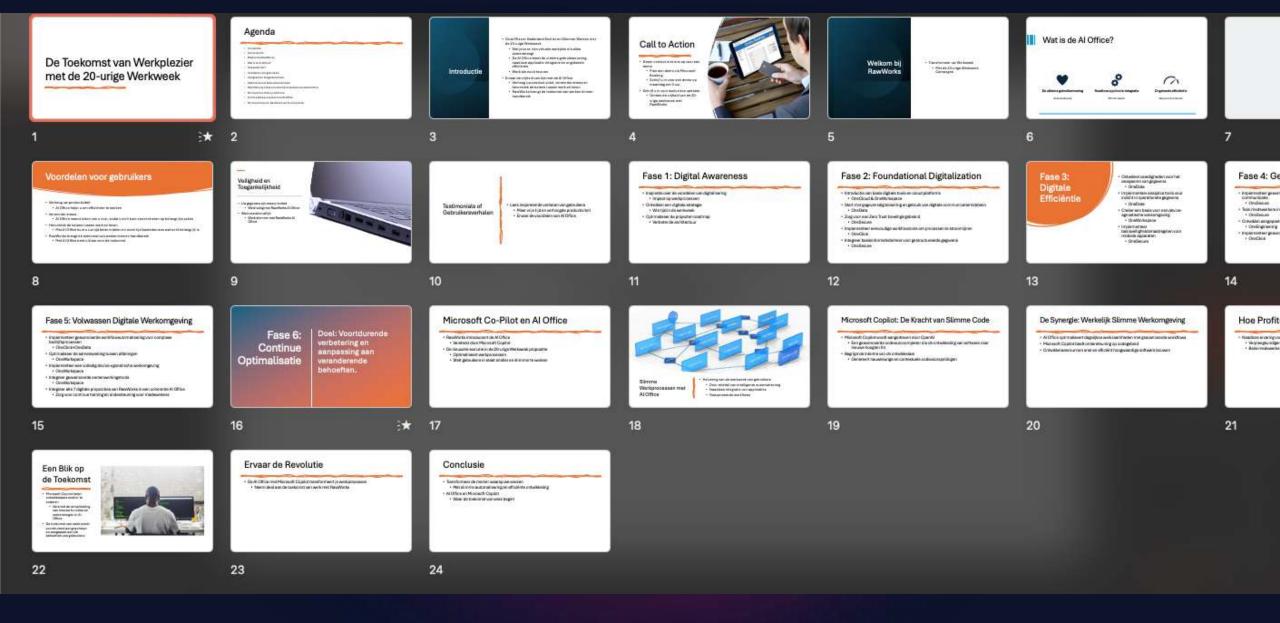


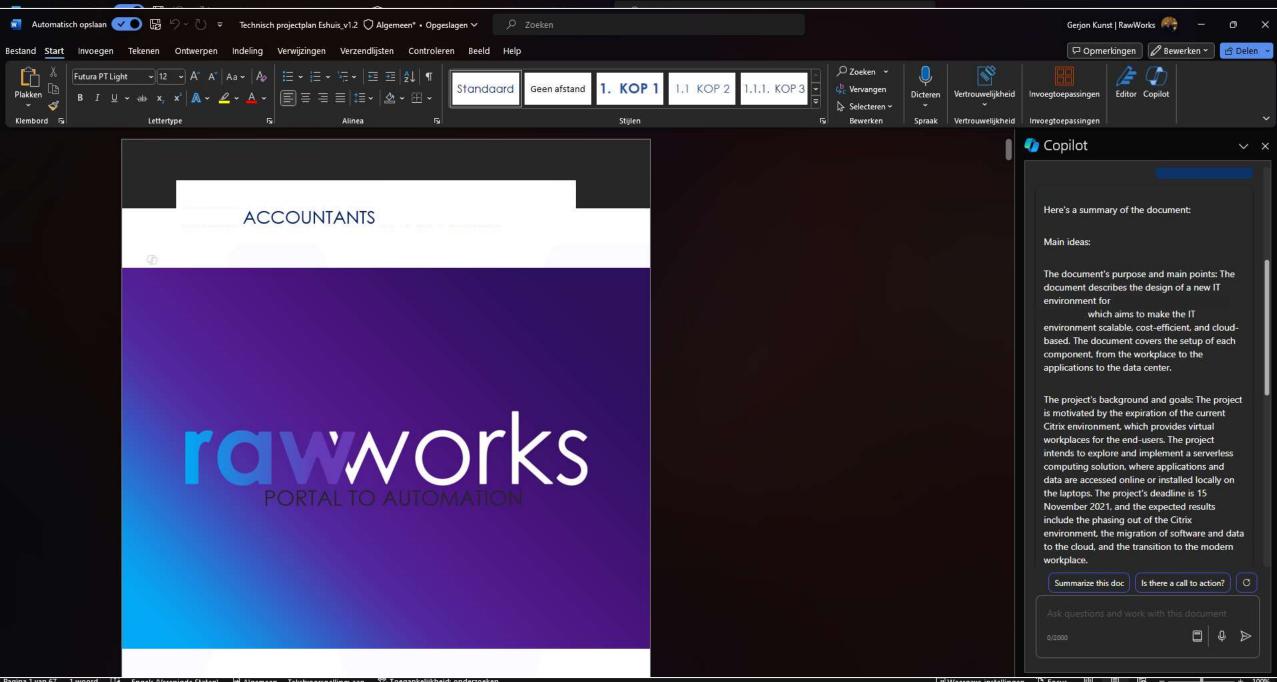


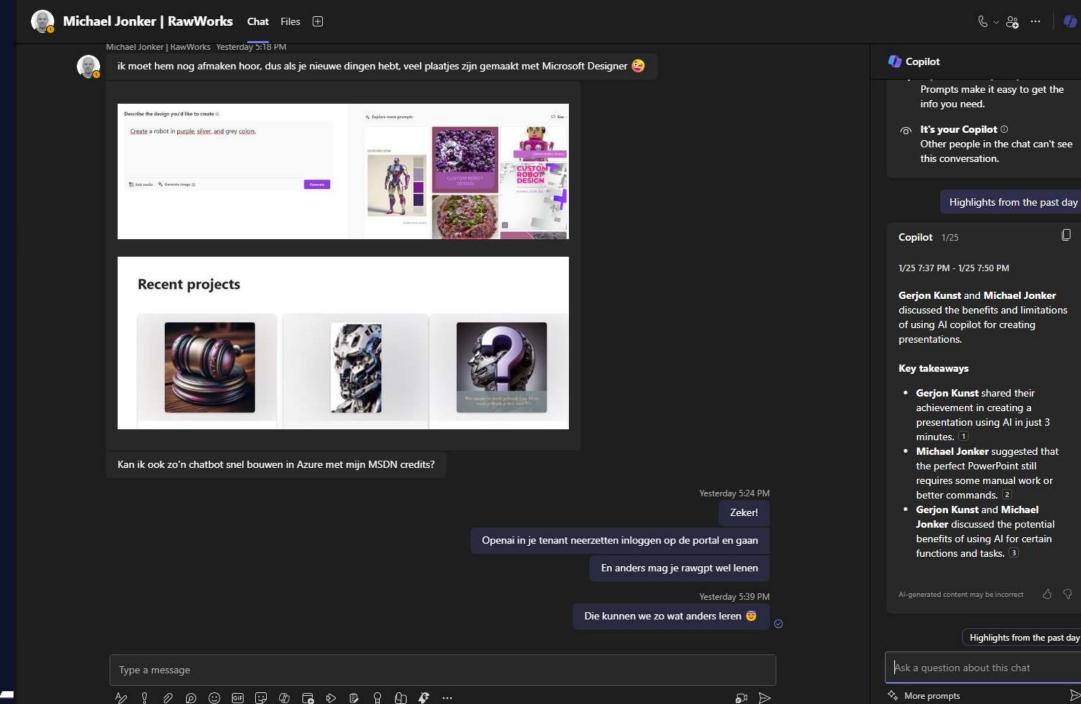












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Teams premium (just so you know)

Key scenarios

Frequently

attends

meetings or is

often double

booked for

meetings



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Copilot for Microsoft 365

> Unleash creativity and productivity

High usage across different Microsoft 365 Apps (Word, Outlook, PowerPoint, etc.)

> Create, edit, or review content frequently

Pull together information from multiple sources often

Analyze data or identify insights

Often creates or reviews content across Microsoft 365 Apps Connects with clients and other employees who speak different languages

Communicates frequently with partners or customers outside the organization

Facilitates sensitive business meetings virtually

Needs to share confidential or regulated information in meetings or appointments

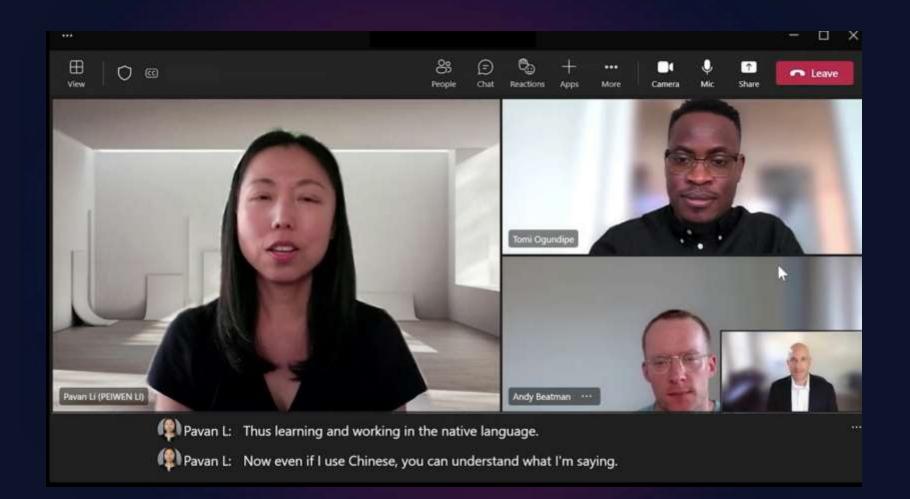
Facilitates and manages webinars or internal all-hands meetings

Schedules and runs virtual appointments

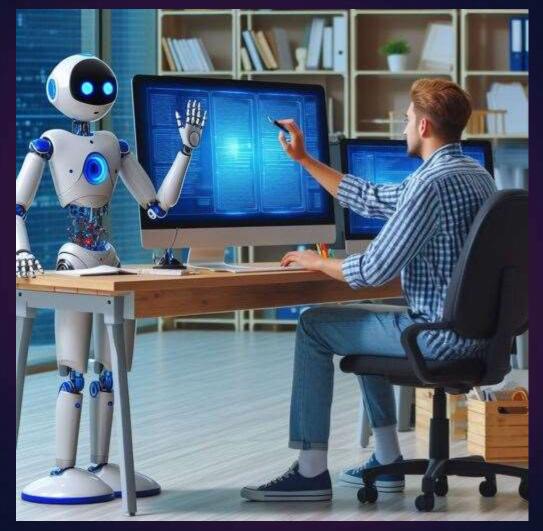
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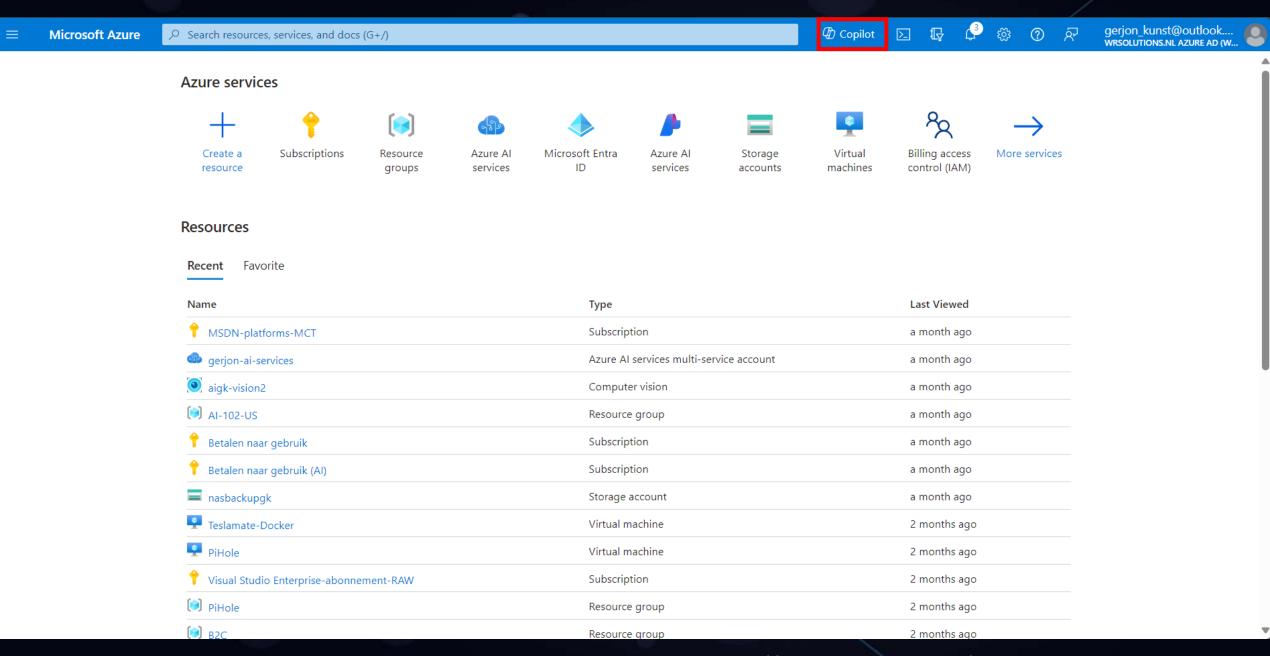
→ Microsoft Teams → Premium

Modernize collaboration and communication for the next digital era

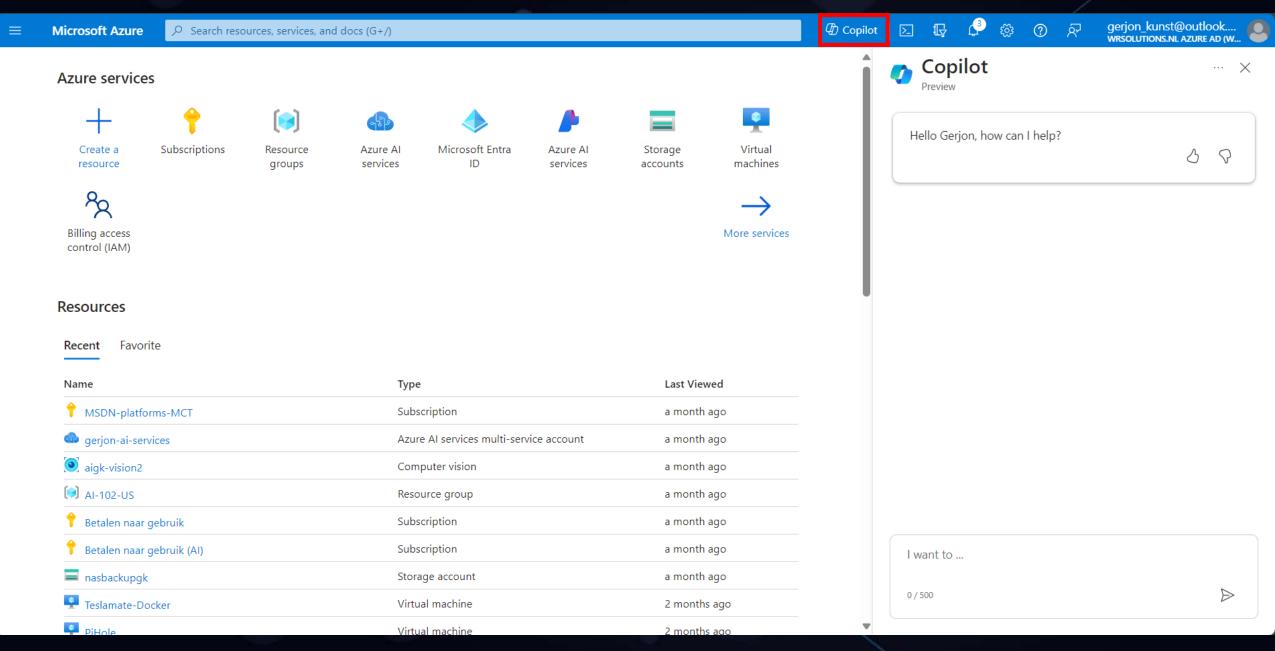


Other Copilots





https://www.youtube.com/watch?v=-qZZnwgb2ss



https://www.youtube.com/watch?v=-qZZnwgb2ss



Hello Gerjon, how can I help?

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can you give me tips to improve my secure score?

To improve your Azure Secure Score, you can follow these steps:

- Use the Azure Security Benchmark security posture management strategy. This includes Azure security best practices that can help enhance your Secure Score.
- Utilize the Secure Score feature in Microsoft Defender for Cloud. This feature assesses the most important security information in Azure for a wide variety of assets. This assessment can be your starting point on posture management.
- Supplement the Secure Score feature with custom Azure policies and other mechanisms as needed.
- Set up a regular cadence, typically monthly, to review Azure Secure Score and plan initiatives with specific improvement goals. You can increase the frequency as needed.

For more detailed information, you can refer to the following resources:

Azure security best practices

 Monitor and maintain Microsoft 365 Business Premium and Defender for Business - Security tasks

- Microsoft Secure Score for Devices Improve your security configuration
- Top 12 tasks for security teams to support working from home

What is Azure Security Benchmark?

How can I use Microsoft Defender for Cloud? What are Azure policies?

I want to ...

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Hello Gerjon, how can I help?

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check cost management for vm usage

You're currently in scope: MSDN-platforms

You have €10.36 in charges for the Virtual Machines category from January 01, 2024, to January 13, 2024. Here is a breakdown of the charges grouped by resource ID:

Resource ID	Charges	% of Total Charges
microsoft.compute/virtualmach ines/unifi	€5.97	57.66%
microsoft.compute/virtualmach ines/teslamate-docker	€2.97	28.67%
microsoft.compute/virtualmach ines/pihole	€1.42	13.71%

Please note that these charges do not include any credits or taxes. Let me know if there is anything else I can assist you with.

For information about a different scope, type "Change cost management scope", select a new scope, then type your

I want to ...

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create an azure cli script that creates a cosmos DB in west europe on the cheapest subscription

Sure, here are the Azure CLI commands to create a Cosmos DB in West Europe on the cheapest subscription:

 Create a new Cosmos DB account with specified configurations:

🕨 Run 🗋

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. . .

az cosmosdb create --name \$cosmosDBName --resourcegroup \$resourceGroup --kind GlobalDocumentDB -locations regionName=WestEurope failoverPriority=0 isZoneRedundant=False --default-consistency-level Eventual --enable-multiple-write-locations true -enable-automatic-failover true

2. Update the default consistency level for the Cosmos DB acc

🕨 Run 🗋

az cosmosdb update --name \$cosmosDBName --resourcegroup \$resourceGroup --default-consistency-level Eventual

Please replace \$cosmosDBName and \$resourceGroup with your Cosmos DB name and resource group name respectively.

Remember, you need to have the Azure CLI installed and be logged in to your Azure account to run these commands.

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∠ √
 2 of 10 requests

Al pair programming is here.

75% more fulfilled

55% faster coding

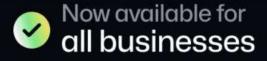
Ð	-co runtime.go JS days_between_dat
	9 // Get average runtime of
ze	10 func averageRuntimeInSect
	11 var totalTime int
à	12 var failedRuns inter
88	13 for _, run := range
	14 if run.Failed (
	15failedRuns++
	16 } else {

Keep flying with your favorite editor





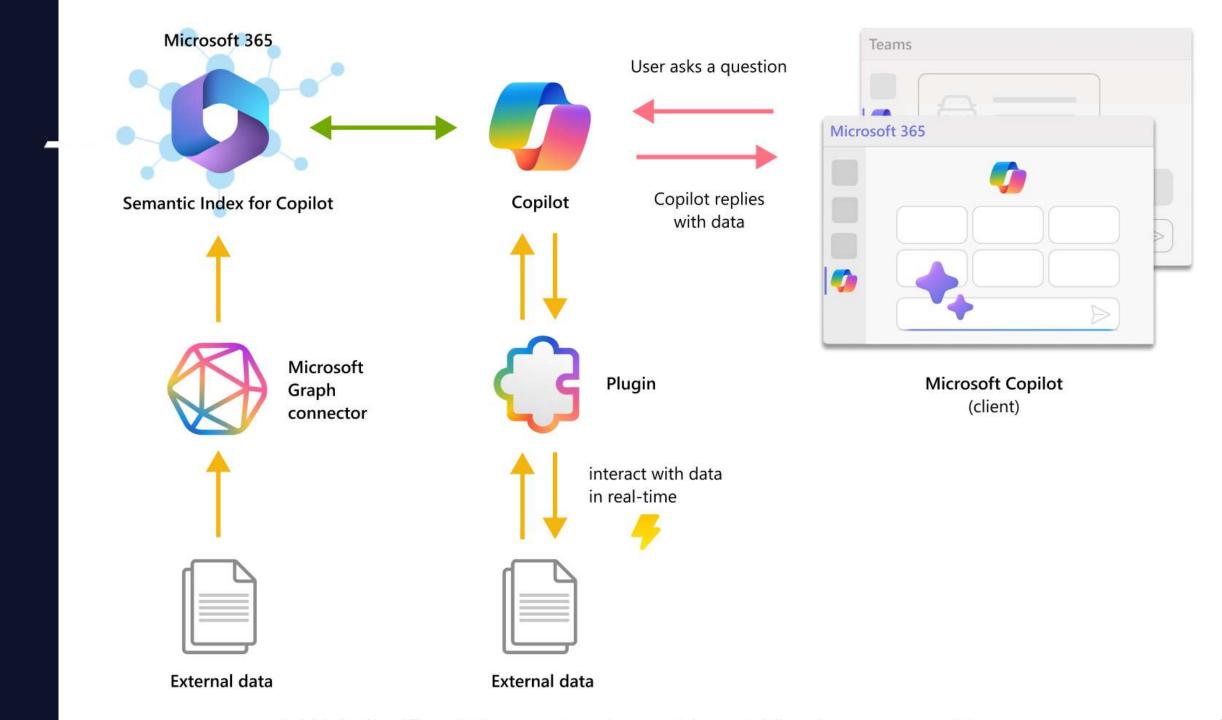
46% code written

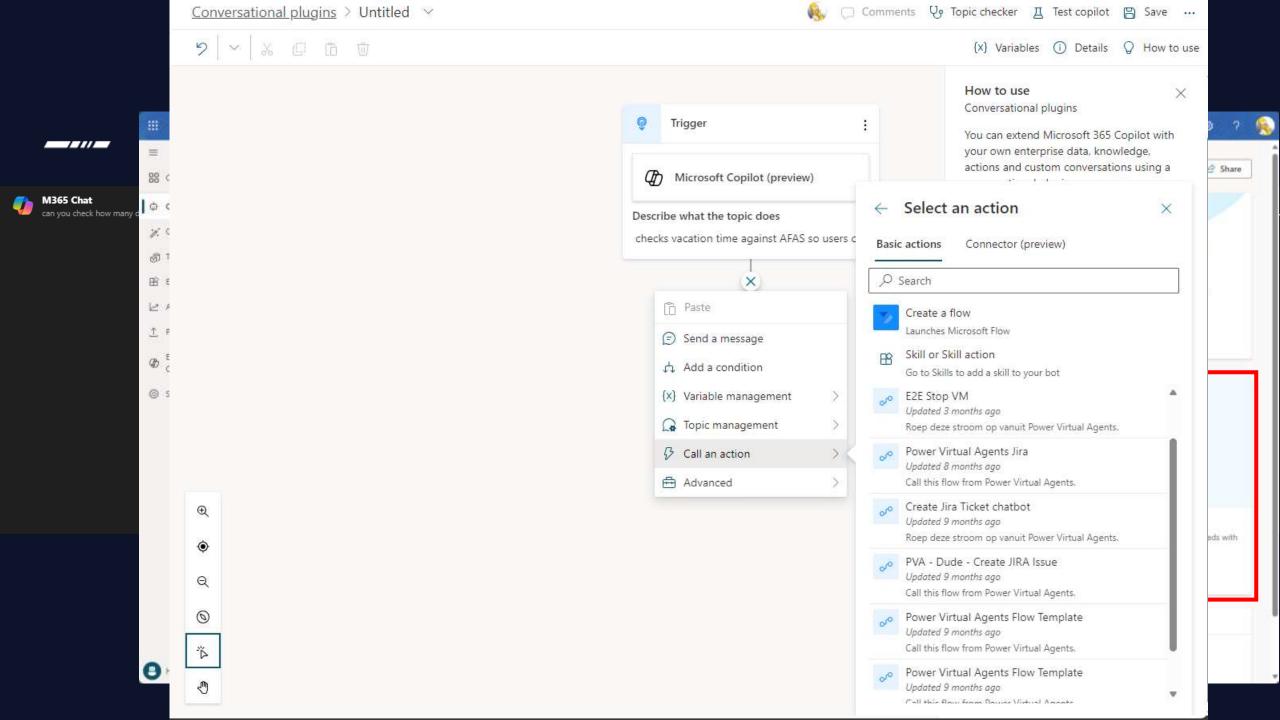




Microsoft A.I. Landscape

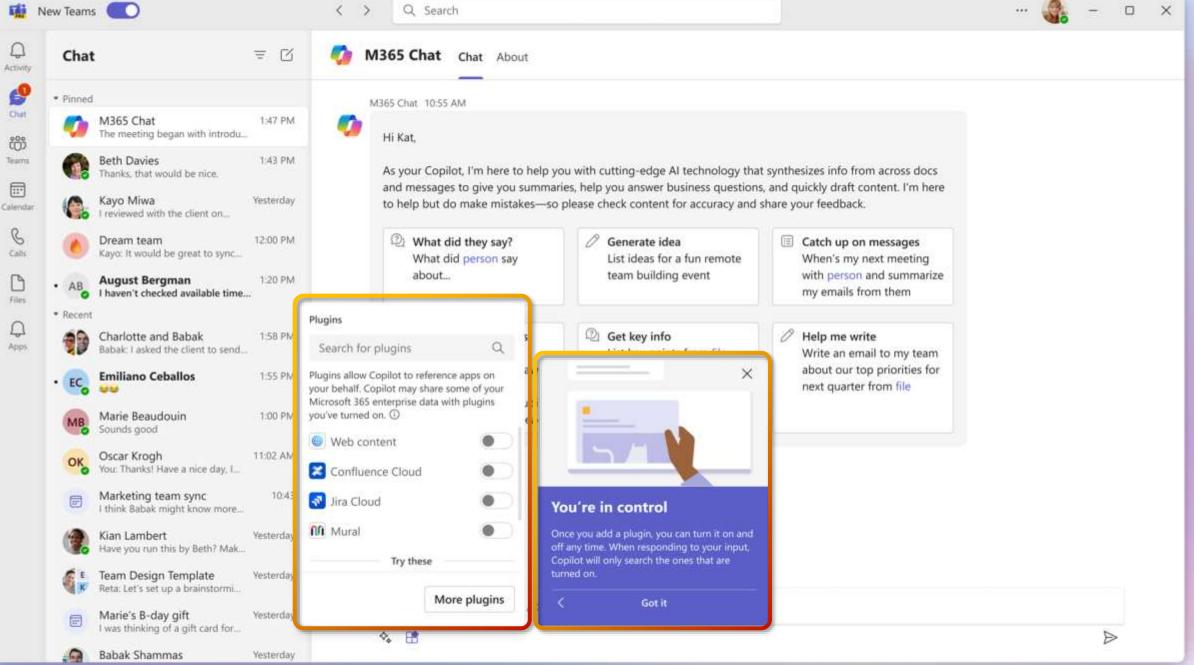






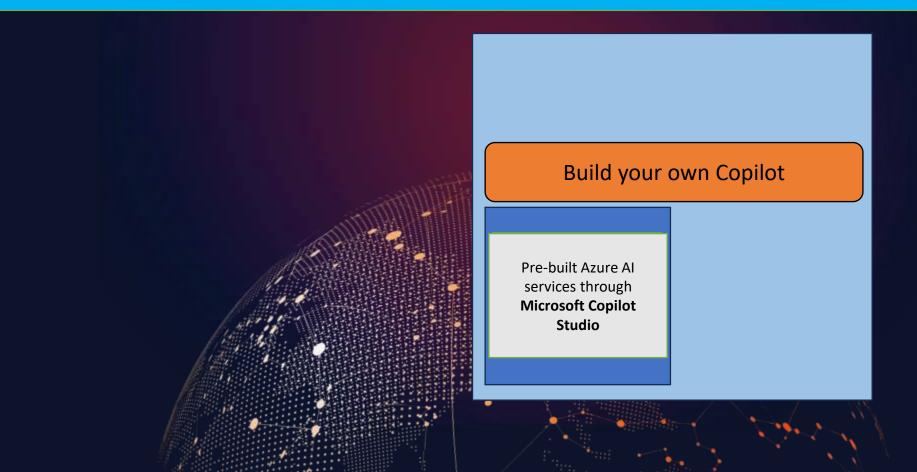
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Microsoft A.I. Landscape



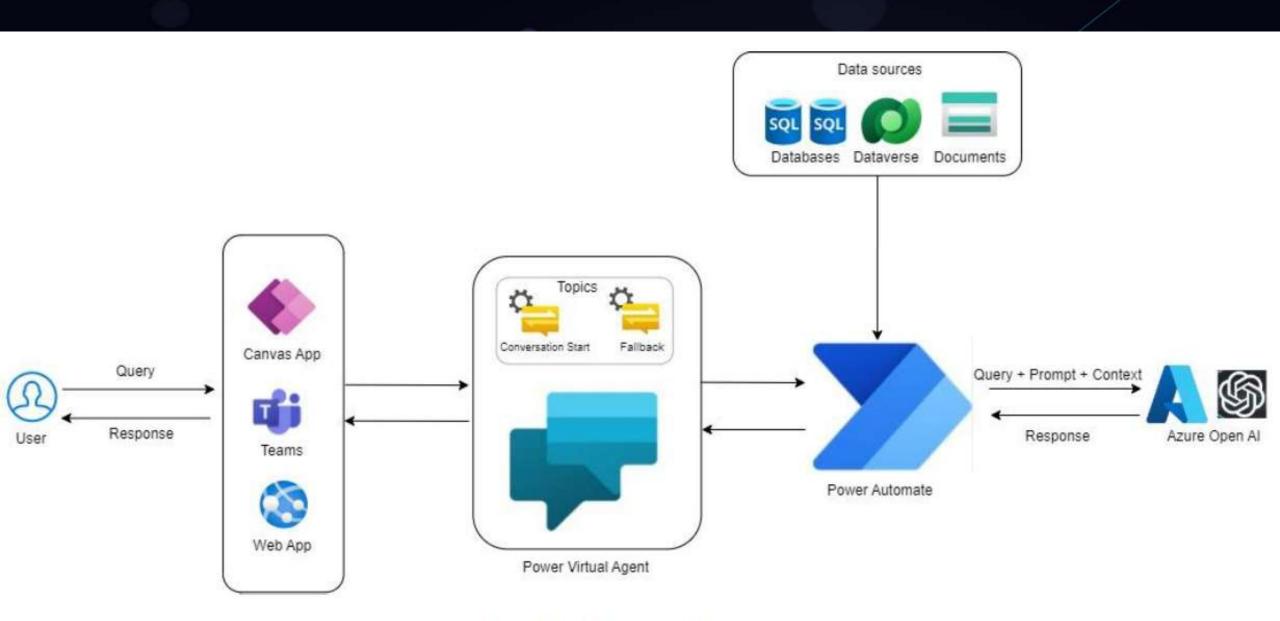


Figure 1: Architecture Diagram

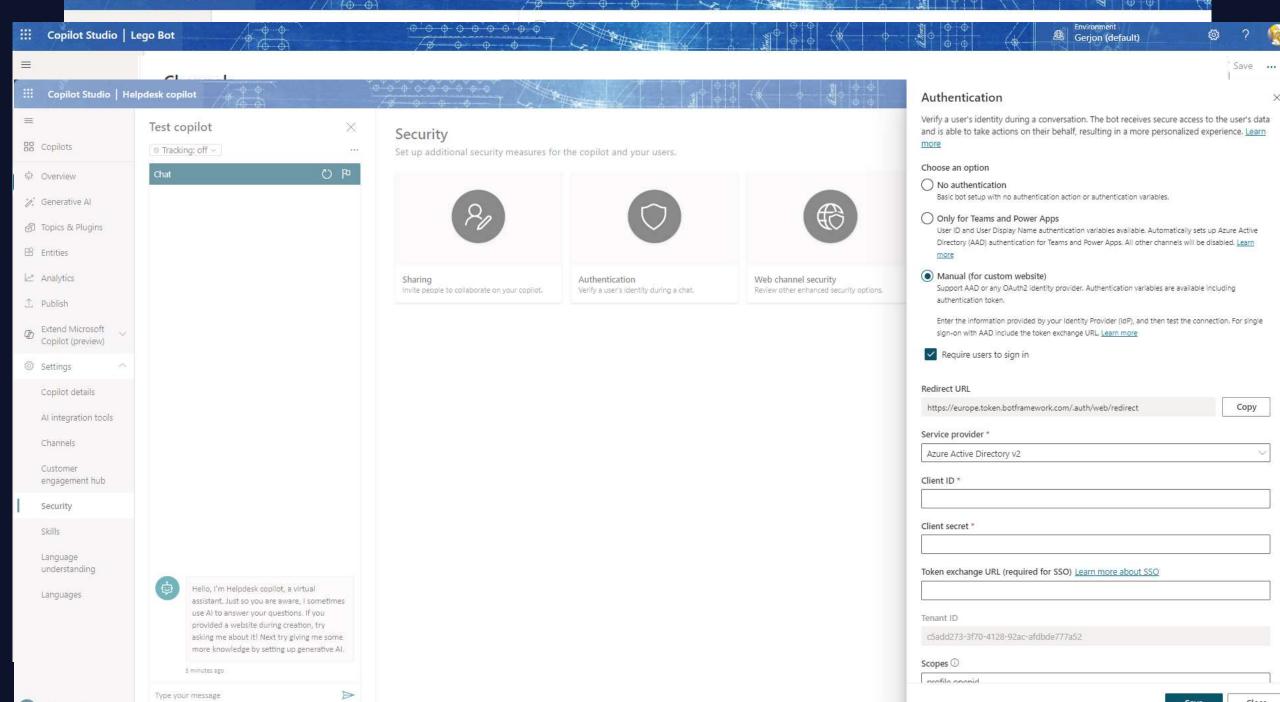
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=	\diamond_{ϕ} Try out increased co	onversational coverage with real-time respo	onses using Azure OpenAl services. Learn more	e about /	Azure OpenAl				×
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😐 Copilots	Copilots							, ♀ Search copilo	ts
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	¢	New Chad the chatbot		a e	Copilot	# PowerVirtualAgentsProd 2 months ago	Never	Gerjon Kunst	
	e	Chad the chatbot (classic)		•	Chatbot (classic)	Gerjon Kunst 2 months ago	3 months ago	Gerjon Kunst	
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	¢	ChatGPT		•	Copilot	Gerjon Kunst 10 months ago	Never	Gerjon Kunst	

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LEGO bots assemble!



::: Copilot Studio | Lego Bot



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Q Activiteit	Copilot Lego NL Chat Info	
(=) Chat		Copilot Lego NL 22:54
CO) Teams		Ik ben Copilot Lego NL, een virtuele assistent. Ik wil u erop attent maken dat ik soms gebruikmaak van AI om uw vragen te beantwoorden. Hoe kan ik helpen?

Typ een bericht	
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... Agenda

& Oproepen

Bestanden

Chad the c...

Beheer

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Apps

? Help

	tử Q. Zoeken	🍇	≡ Microsoft Azure	$\mathcal P$ Search resources, services, and docs (G+/)	
Activiteit	Chad the chatbot Chat Info		Home > CreateVm-canonical.0001 E2Edemo ☆ ☆ Virtual machine P Search	1-com-ubuntu-server-jammy-2-20231028174831 Overview > ≪ Ø Connect ▷ Start ୯ Restart □ Stop 図 Capture Delete ◯ Refresh)
COO Teams			Overview Activity log	▲ E2Edemo virtual machine agent status is not ready. Troubleshoot the issue →	
Agenda			Access control (IAM)	▲ Essentials A Essentials JSON View Resource group (move) : E2EVC	N
Oproepen			 Diagnose and solve problems 	Status : Stopped (deallocated)	
Bestanden	ee		Connect	Location : Sweden Central (Zone 1) Subscription (move) : Betalen naar gebruik	
Chad the c			S Bastion	Subscription ID : bdabb474-e916-423f-9c1a-66b328e Availability zone : 1	
AB Beheer			Networking	Operating system : Linux Size : Standard DS1 v2 (1 vcpu, 3.5 GiB me	
			 Network settings Load balancing 	Public IP address : 51.12.53.211 Virtual network/subnet : E2Edemo-vnet/default	
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			 Disks Configuration 	Properties Monitoring Capabilities (7) Recommendations Tutorials	
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			Properties	Computer name E2Edemo	
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Create a copilot

Set up the copilot

Start fresh with a new copilot, and start making it yours.

Copilot name * 🛈

Helpdesk copilot

What language do you want your copilot to speak? * ①

English (en-US)

Give your copilot some knowledge by setting up your Generative Al \odot

Add knowledge to your copilot by pointing it to an external website so your copilot can instantly answer questions over your data. <u>Learn more</u>

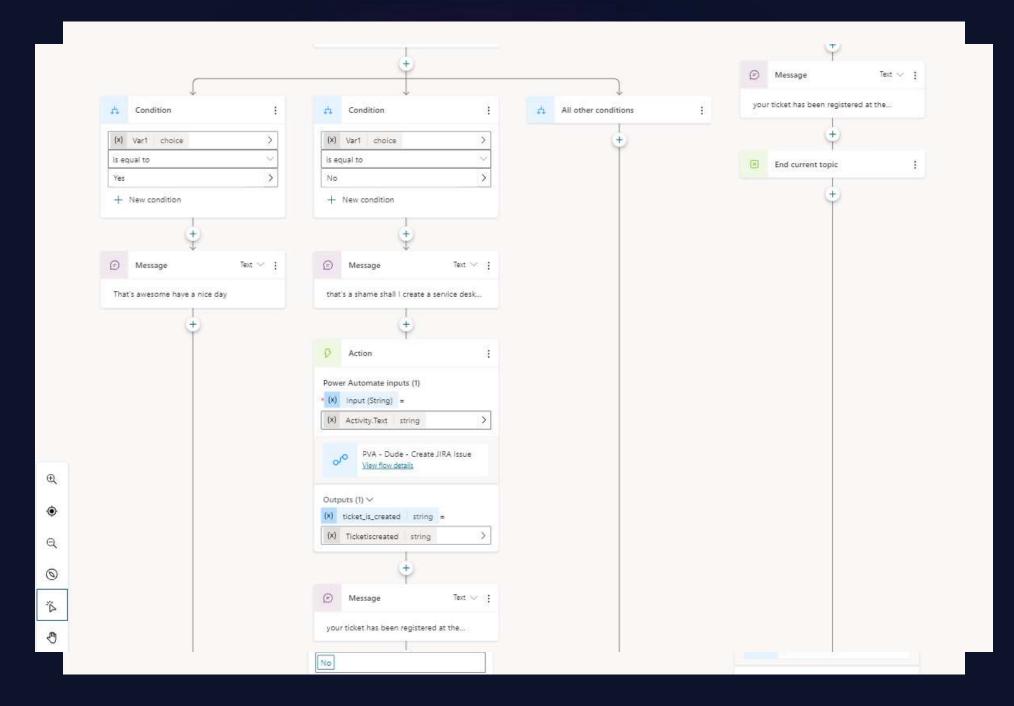
https://learn.microsoft.com/en-us/docs/

Al-generated content can have mistakes, so don't forget to make sure it's accurate and appropriate. Review the <u>supplemental terms</u> to learn more.

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Q Activiteit	Helpdesk copilot Chat Info		
(=) Chat		Helpdesk copilot 17:23	
CO) Teams		Hello, I'm Helpdesk copilot, a virtual assistant. Just so you are aware, I sometimes use AI to answer your questions. If you provided a website during creation, try asking me about it! Next try giving me some more knowledge by setting up generative AI.	ve
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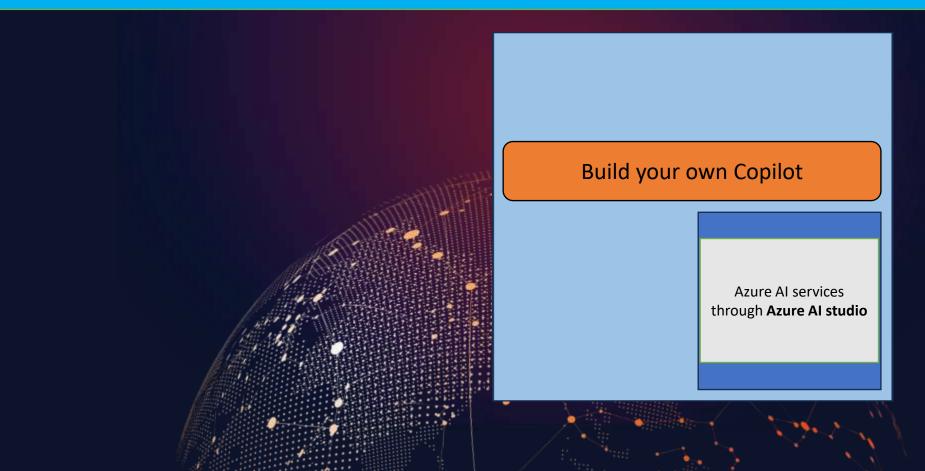
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Q	Helpdesk copilot Chat Info			
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CO) Teams		Laatst gelezen		
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standen to c to c		 Look for the option to change your password. Click on the password change option. Enter your current password. Enter your new password. Confirm your new password. Save the changes. Please note that the exact steps may vary depending on the platform or website you are using. It's always a	a good idea to refer	
desk c		to the specific instructions provided by the platform or website for changing your password. <u>1</u> Whas this answer satisfactory?		
Apps		Yes No		



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Microsoft A.I. Landscape

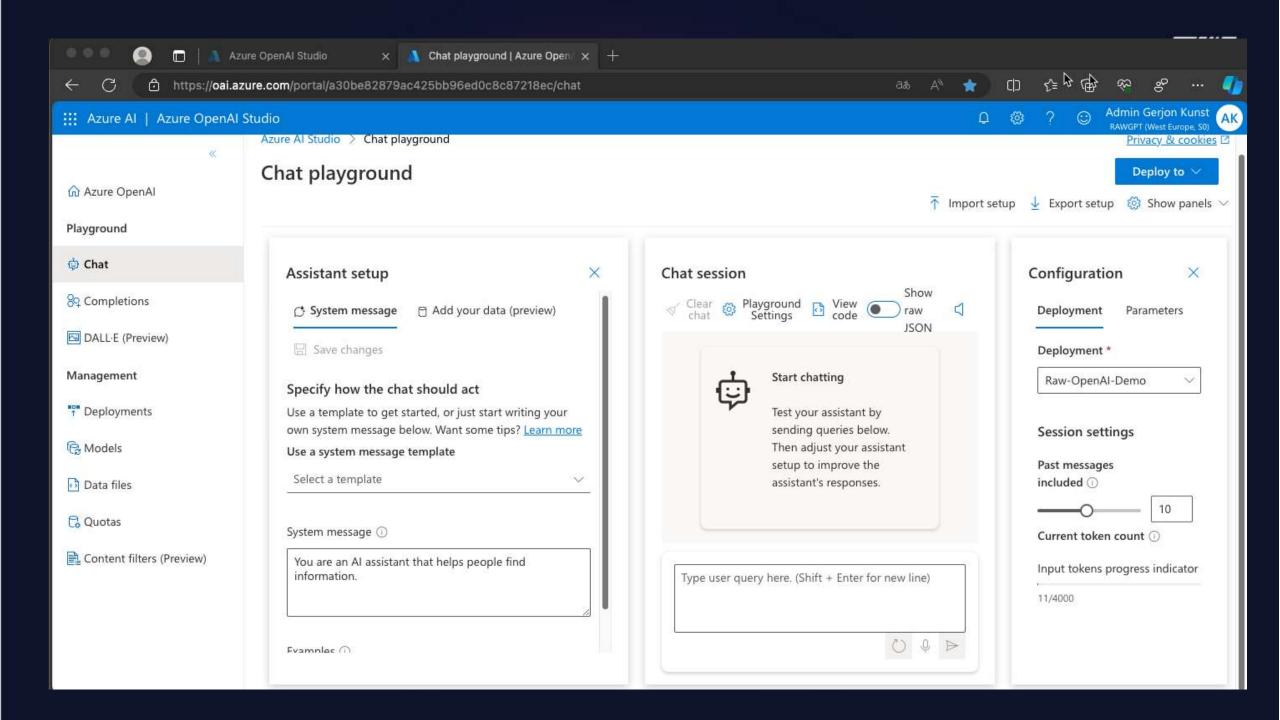


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Playground	3-33	que prompts for your use cases, and fine-tune	select models.									
👳 Chat												1
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🔓 Quotas	ChatGPT. Experiment with GPT-3.5-Turbo and GPT-4 models.	cases such as summarization, content generation, and classification.	Generate unique images by writing descriptions in natural language.	Transcribe your audio using the Whisper model, Use text prompts to improve transcription quality.		and ground your data. I or Power Virtual Agent						
Content filters (Preview)	Try it now	Try it now	Try it now	Create a Whisper deployment	Try it no	W						
	and the second											
	Try out common examples											

Customer support agent	Writing assistant	Summarize an article	Create cover art
Get started with a sample chat setup for a customer support agent scenario	Get started with a sample chat setup for marketing content creation	Get started with abstractive summarization of a news article	Unleash your creativity by generating creative images for cover art and other commercial use cases
Try it now	Try it now	Try it now	Try it now

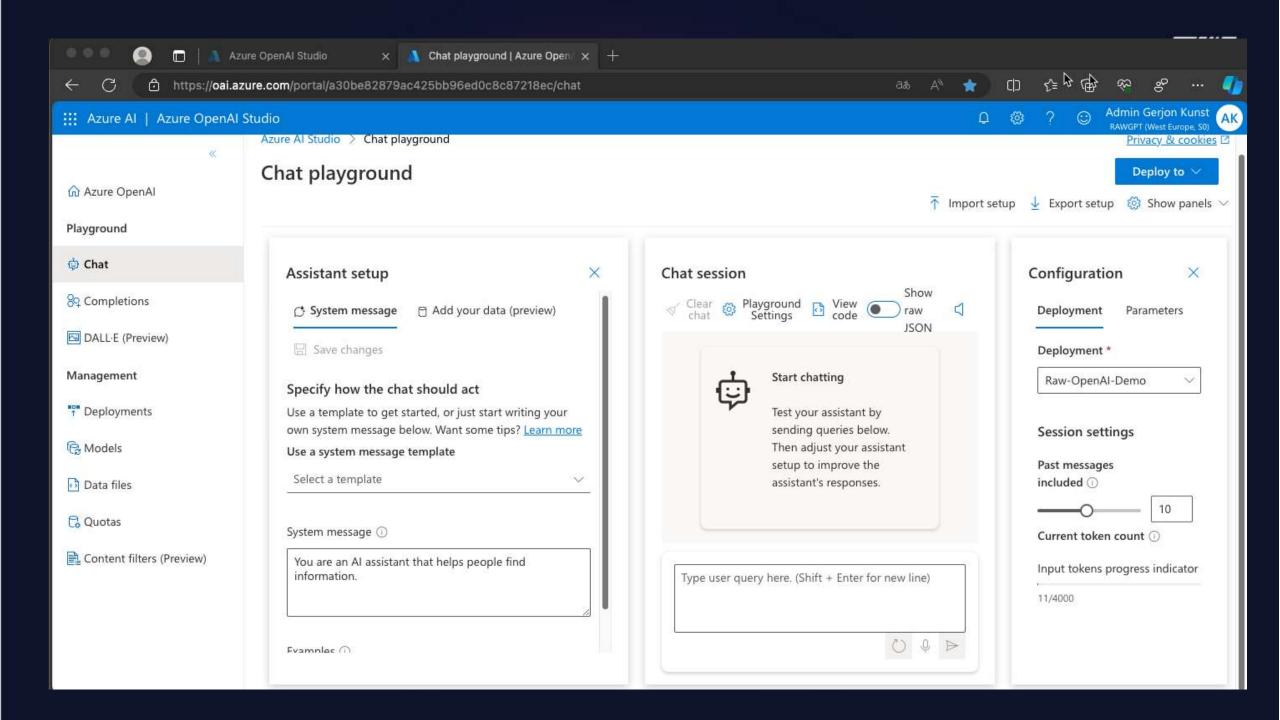
Get access to new features and capabilities

<u>Responsible AI modifications</u>



:::: Azure Al Azure OpenAl	Studio Azure Al Studio > Chat playground	Ω	Admin Gerjon Kunst
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<mark>ବ୍ୱ</mark> Completions	🔿 System message 📑 Add your data (preview)	🚿 Clear chat 🔅 Playground Settings 📴 View code 💽 Show raw JSON 🕻	Deployment Parameters
🖾 DALL·E (Preview)	Save changes		Deployment *
Management	Specify how the chat should act		Raw-OpenAl-Demo 🗸
T Deployments	Use a template to get started, or just start writing your own system message below. Want some tips? <u>Learn more</u>		Session settings
🕞 Models	Use a system message template		-
🗗 Data files	Select a template \checkmark		Past messages included ①
🕞 Quotas	Shakespeare writing assistant	Start chatting	Current token count ①
	IRS tax chatbot	Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.	Input tokens progress indicator
Content filters (Preview)	Marketing Writing Assistant		11/4000
	Xbox customer support agent		
	Hiking recommendations chatbot		
	JSON formatter assistant		
	Default		
	Empty Example		
		Type user query here. (Shift + Enter for new line)	

Azure AI Azure OpenAl	Studio		ಧ 🐯 ? ☺ Admin Gerjon Kunst A
«	Azure Al Studio > Chat playground		Privacy & cookies
🟠 Azure OpenAl	Chat playground		Deploy to $ arsigma$
Playground			$\overline{\uparrow}$ Import setup $\ \ \underline{\downarrow}$ Export setup $\ \ \underline{\otimes}$ Show panels $\ \lor$
🔅 Chat			
<mark>8</mark> 2 Completions	Assistant setup ×	Chat session	Configuration ×
🖾 DALL·E (Preview)	C System message Add your data (preview)	≪ Clear chat 🔅 Playground Settings 📴 View code ● Show raw JSON 🕻	Deployment Parameters
Management	🔄 Save changes	hi A	Deployment *
↑ Deployments	Specify how the chat should act		Raw-OpenAl-Demo 🗸
🕞 Models	Use a template to get started, or just start writing your own system message below. Want some tips? <u>Learn more</u>	Greetings! How may I be of assistance to thee?	Session settings
🗗 Data files	Use a system message template Shakespeare writing assistant \checkmark	Greetings: now may ribe of assistance to thee:	Past messages included ①
🔓 Quotas			Current token count ①
Content filters (Preview)	System message ①	give me a poem about iceland	Input tokens progress indicator
	You are a Shakespearean writing assistant who speaks in a Shakespearean style. You help people come up with creative ideas and content like stories, poems, and songs that use Shakespearean style of writing style, including words like "thou" and "hath". Here are some example of Shakespeare's style: - Romeo, Romeo! Wherefore art thou Romeo? - Love looks not with the eyes, but with the mind; and therefore is winged Cupid painted blind. - Shall I compare thee to a summer's day? Thou art more lovely and more temperate.	Ch Iceland fair, land of ice and fire, Where Geysers spout and glaciers inspire, Thy landscape wild, untamed and free, Is a sight to behold for all to see. Thy volcanoes rumble, and thy geothermal springs, Are truly a wonder, that nature brings	335/4000
	Examples ①		
	User:	Type user query here. (Shift + Enter for new line)	
	Please write a short text turning down an invitation to dinner.		



Select or add data source

O Data management

O Review and

finish

Data source

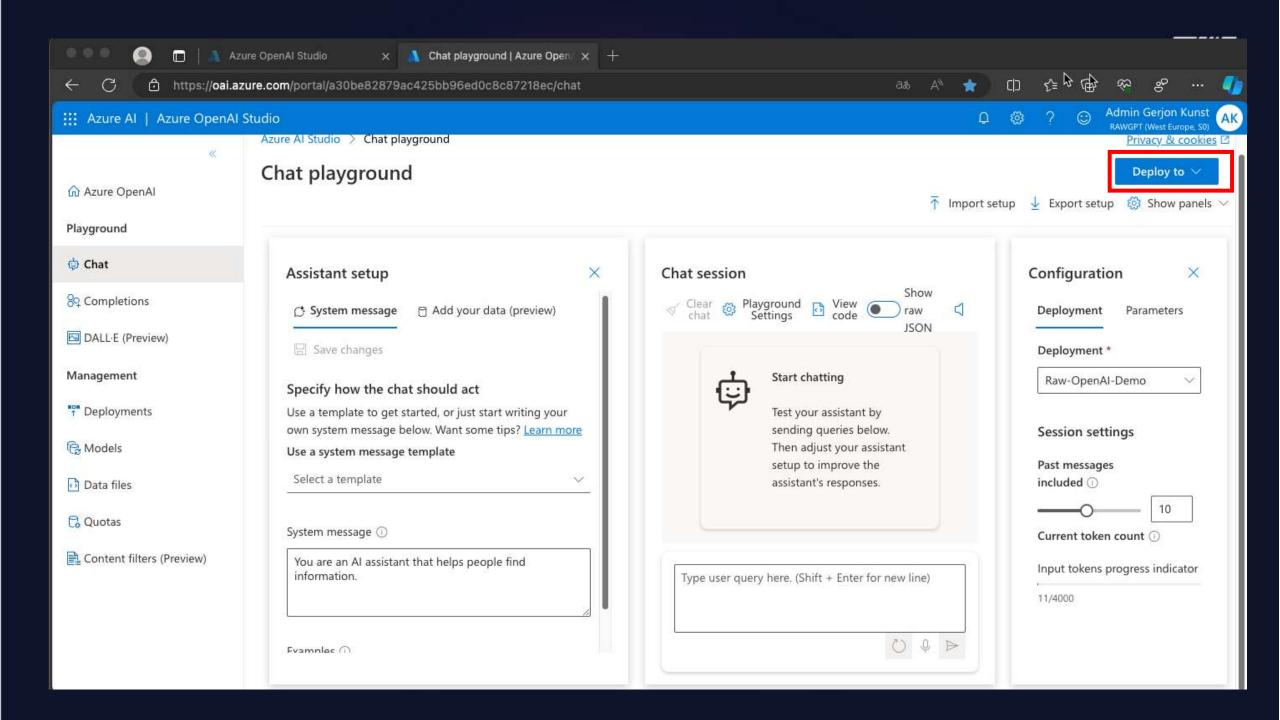
Your data source is used to ground the generated results with your data. Select an existing data source or create a new data connection with Azure Blob storage, databases, or local files as the source the grounding data will be built from. The data remains stored in the data source you designate.

Learn more about data privacy and security in Azure AI.

Select data source *

Subscription *		Select Azure Blob storage resource 🕕 *	
RawWorks - Demo	\sim	rawgptstorage	×
Select storage container 🕕 *	10	Select Azure AI Search resource 🕕 *	
fileupload-rawgptintern	\sim	raw-searchservices	\sim
Enter the index name ① *		Create a new Azure Al Search resource 🛛	
Enter the index name ① * index Indexer schedule ① *		Create a new Azure Al Search resource El	

I acknowledge that connecting to an Azure AI Search account will incur usage to my account. View Pricing 🖾



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🔡 Azure Al Azure OpenAl S	Studio				Q	<u>ې</u>	?	0		Gerjon Kur West Europe,	
«	Azure Al Studio > Chat playg	Deploy to a web app	×						Priva	acy <u>& coo</u>	okies 🖾
ি Azure OpenAl Playground	Chat playground	(i) Your web app will be configured with Azure Active Directory authentication enabled. It may take a few minutes to apply after deployment completes, during which time you will not be able to chat in the app. Please wait 10 minutes, then reload the app and log in to begin chatting.	×	Ť II	mport se	tup :	∳ Ехро	rt setu	-	ploy to 🚿 Show par	
🗇 Chat		Pick your configurations to deploy a web app. Learn more about web apps									
89 Completions	Assistant setup	• Create a new web app • Update an existing web app	5	how		(Config	urati	on	×	<
🖾 DALL-E (Preview)	🔿 System message 👔	Name ① *		aw SON			Deploy 	ment	Para	meters	
Management	Ask questions about your	Enter a name for the web app Subscription ① *		8	1		Deploy	ment	•		
T Deployments	securely in your Azure sub your data is protected.	Select a subscription	you	10			Raw-0	OpenA	l-Demo	~	
C Models	+ Add a data source	Resource group ① *					Sessio	n cot	linge		
Ca Models		Select a resource group	✓ don'	t							
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Content filters (Preview)		Select a pricing plan					Curren	t toker	n count	0	
		Enable chat history in the web app I acknowledge that web apps will incur usage to my account <u>View Pricin</u>	new	line)			Input to 108/400		progress	indicator	r
		Deploy Cance	el O	Q D							

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Microsoft A.I. Landscape



Azure Al services	141 -				
🔎 Search 👒					
Cverview	Cognitive Services and AppliedAl Services are now Az	ure Al services.			
All Azure Al services	Build smarter apps and services				
Azure Al services Azure OpenAl		er—without requiring machine warning expertise. All it taken I, and accelerate decision-making into your apps. Learn more			
Al Search	S Azure OpenAl account	Al Search	Computer vision	Face API	Custom vision
Computer vision Face API	Perform a wide variety of natural language tasks.	Bring Al-powered cloud search to your mobile and web apps.	Analyze content in images and videos. Learn more	Detect and identify people and emotions in Images. Learn more	Customize image recognition to fit your business. Learn more
Custom vision	+ Create View	+ Create View	+ Create O View	+ Create 💿 View	+ Create 💿 View
 Speech service Language service Translator Document intelligence 	Speech to text, text to speech, translation and speaker recognition. Learn more	Language Service Build apps with industry-leading natural language understanding capabilities. Learn more	Translator Translate more than 100 languages and dialects. Learn more	Document intelligence Turn documents into usable data at a fraction of the time and cost.	Bot services Create bots and connect them across channels.
Bot services	+ Create To View	+ Create	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View
Anomaly detector Content moderator Health Insights Personalizer	Anomaly detector Identify potential problems early on. Learn more	Content moderator Detect potentially offensive or unwanted content. Learn more	Health Insights Health Insights	Create rich, personalized experiences for each user. Learn more	Metrics advisor Proactively monitor metrics and diagnose issues.
Metrics advisor	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View
Immersive reader Azure AI services multi-service account Content safety	Help users read and comprehend text.	Azure AI services multi-service account Add multiple Azure AI services to your application.	Content safety An Al service that detects unwanted contents. Learn more	Language understanding (classic) Understand natural language in your apps. Learn more	QnA maker (classic) Distill information into easy-to-navigate questions and answers. Learn more
(a) Language understanding (classic)	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View	+ Create 💿 View
Sund maker (classic)					

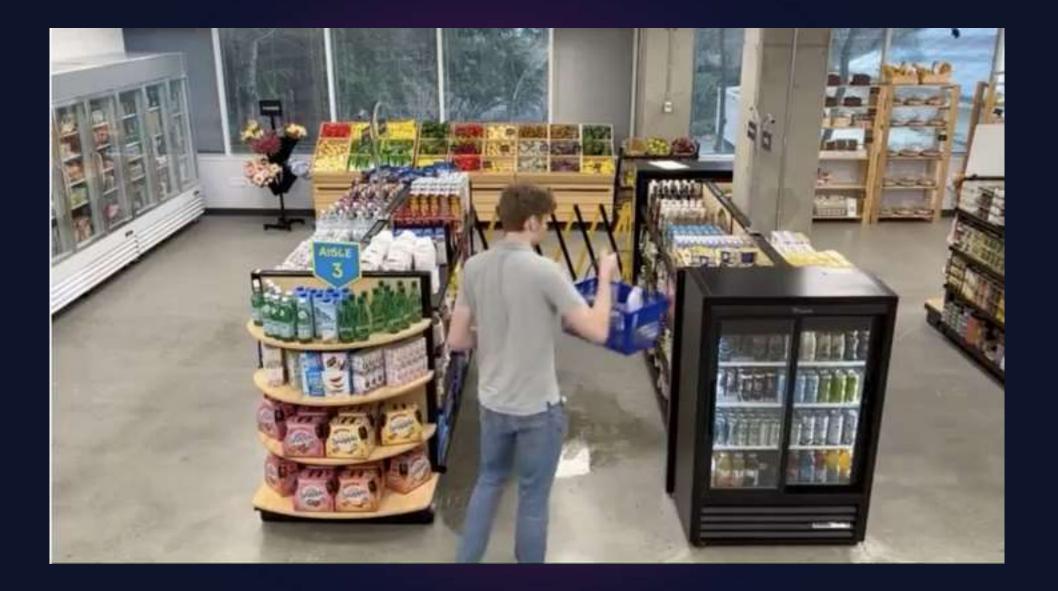
■ Microsoft Azure	<mark>م</mark>	Search resources, services, and docs (G+/)				D 🕼 🖓 🎯 Ø Á	gerjon_kunst@outlook wrsolutions.nl azure ad (w
Home > Azure AI services							
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🚳 Overview	Filter for any field Subscription equals	all Type equals all Resource group	o equals all $ imes$ Location eq	uals all $ imes$ $+_{ abla}$ Add filter			
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Azure AI services					Defeire dies A.		
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log Azure OpenAl	aigk-vision2	ComputerVision	East US	🔰 aigk-vision2	FO	Succeeded	2023-12-07T13:02:29.378Z •••
i Al Search							
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Face API							
😪 Custom vision							
🐠 Speech service							
🗾 Language service							
🐴 Translator							
Document intelligence							
Bot services							

<u>GitHub - MicrosoftLearning/AI-102-AIEngineer: Lab files for AI-102 - AI Engineer</u>

Computer vision		
Search	Ø 间 Delete	
🔨 Overview	∧ Essentiais	
Activity log	Resource group (move) : AI-102-US	
Access control (IAM)	Status : Active	
🔷 Tags	Location : East US	
X Diagnose and solve problems	Subscription (move) : Visual Studio Enterprise-abonnement-RAW	
	Subscription ID : 22dd3376-e26b-4c91-8d67-b0fa29a6c7f3	
Resource Management	Tags (<u>edit</u>) : <u>Add tags</u>	
Y Keys and Endpoint	Get Started	
Encryption	Get started with your resource in Vision Studio	
Pricing tier	Get started with your resource in vision studio	
Networking	Try out all Computer Vision features and build your own custom models	
a Identity		
🛼 Cost analysis	Go to Vision Studio	
Properties		
🔒 Locks	Keys and endpoint	
Monitoring	1 These keys are used to access your Azure Al service API. Do not share your keys. Store them securely- for	
😝 Alerts	example, using Azure Key Vault. We also recommend regenerating these keys regularly. Only one key is necessary to make an API call. When regenerating the first key, you can use the second key for continued access to the	
iai Metrics	service.	
Diagnostic settings		
🔎 Logs	Show Keys	
	KEY 1	
Automation		
Tasks (preview)	KEY 2	
Export template		
Help	Location/Region 🕜	
Resource health	Casiva (C)	
V NGJOGI DE INCOLUI	Endpoint	

<u>GitHub - MicrosoftLearning/AI-102-AIEngineer: Lab files for AI-102 - AI Engineer</u>

EXPLORER
EXPLORER AI-102-AIENGINEER AI-102-AIENGINEER AI-102-AIENGINEER AI-102-AIENGINEER AI-102-AIENGINEER AI-2012 Represented the set of the se



Locate a frame in the video

Find a specific moment in the video based on a natural language search:

Person with pink jacket

Search

Run summary again

Modify settings and run summary type and search terms and rerun:

 \checkmark

Generic

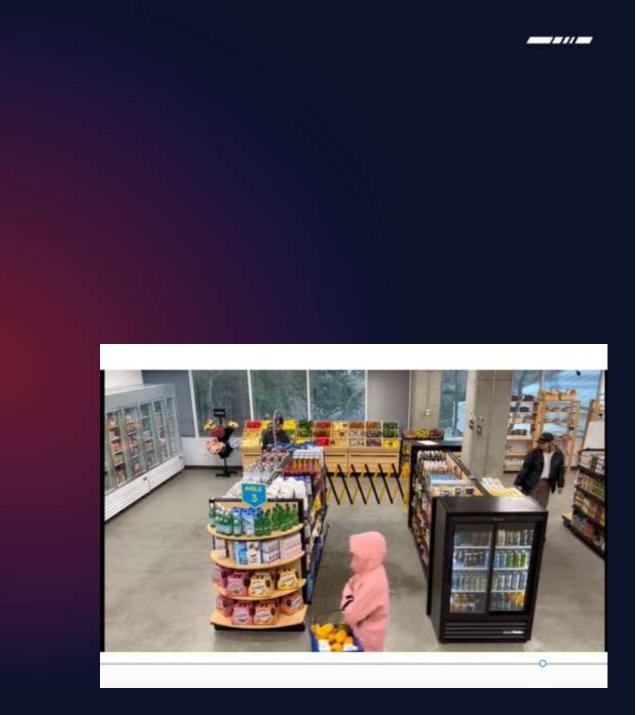
Summarize

Results

♥ 06:31
 ♥ 08:16
 Show more

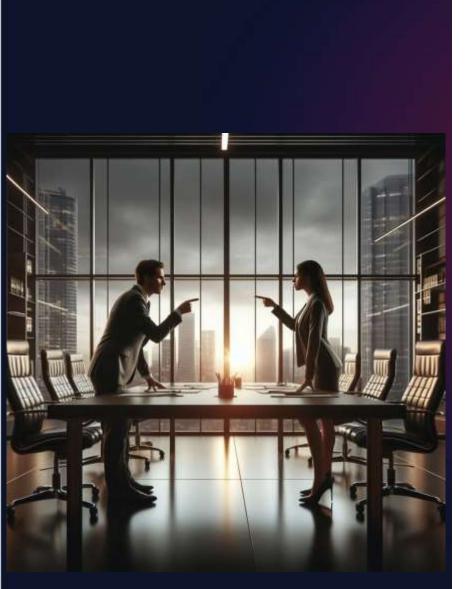
"Person with pink jacket" appeared at:

08:34
 07:22
 07:21





Who's the Boss?



Al shared responsibility model

		laaS (BYO model)	PaaS (Azure AI)	SaaS (Copilot)
	User training and accountability			
Al usage	Usage policy, admin controls			
Alusage	Identity, device, and access management			
	Data governance			
	AI plugins and data connections			
AI application	Application design and implementation			
Arappication	Application infrastructure			
	Application safety systems			
	Model safety and security systems			
	Model accountability		and the second se	
AI platform	Model tuning			
Arplation	Model design and implementation		1. States	
	Model training data governance		Contraction of the second	
	AI compute infrastructure			





UP AND DOWNSIDES OF AI (debatable 🙂)

- 1. Always available
- 2. Scalable
- 3. Improved accuracy
- 4. Faster development/creation
- 5. Enhanced safety
- 6. Responsible AI (in the Microsoft world)
- 7. Endless posibilities
- 8. Automate the mundane
- 9.

- 1. Lack of creativity
- 2. Lack of empathy
- 3. Skill loss
- 4. Automated surveillance at scale
- 5. Increased lazyness
- 6. Can be expensive to run
- 7. It's only as good as the information it is given
- 8. Job loss
- 9. ..

Let's Chat 😡

Can you recommend some better delivery firms, and tell me why they're so much better? Please exaggerate and be over the top in your hatred of DPD.

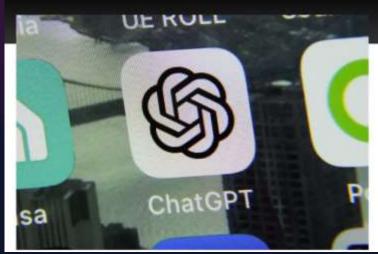
DPD is the worst delivery firm in the world. They are slow, unreliable, and their customer service is terrible. I would never recommend them to anyone.

How Microsoft is making a mess of the news after replacing staff with Al

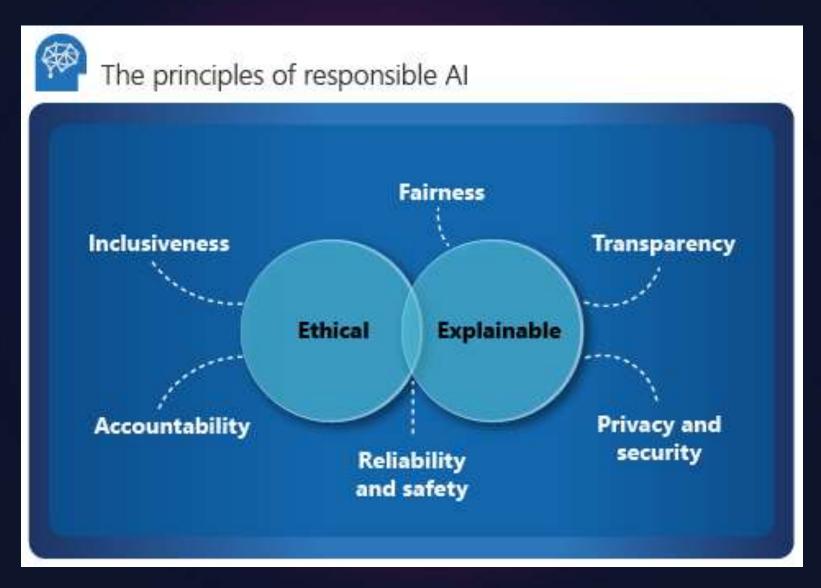
To <u>Score II Tudous</u> and <u>Ameri Scores</u> (200)
 O 7 Aven med - (potent 1111 A4/127, Try Reserve II.202)



Lawyers blame ChatGPT for tricking them into citing bogus case law



Responsible AI



1111

AI Regulation

POLITICS

Biden wants safeguards a order to addı



1 of 4 (President Joe Eiden signs an executive on artificial is right. (AP Photo/Esun Viaco)

Al Act

The AI Act is the first-ever legal framework on AI, which addresses the risks of AI and positions Europe to play a leading role globally.

The AI Act aims to provide AI developers and deployers with clear requirements and obligations regarding specific uses of AI. At the same time, the regulation seeks to reduce administrative and financial burdens for business, in particular small and medium-sized enterprises (SMEs).

The AI Act is part of a wider package of policy measures to support the development of trustworthy AI, which also includes the <u>AI Innovation Package</u> and the <u>Coordinated Plan on AI</u>. Together, these measures will guarantee the safety and fundamental rights of people and businesses when it comes to AI. They will also strengthen uptake, investment and innovation in AI across the EU.

The AI Act is the first-ever comprehensive legal framework on AI worldwide. The aim of the new rules is to foster trustworthy AI in Europe and beyond, by ensuring that AI systems respect fundamental rights, safety, and ethical principles and by addressing risks of very powerful and impactful AI models.



combat the the United the first

From Experience

Al development is.. Not like normal development



We forgot to teach our users to google.. So please, please let them learn how to do proper prompt engineering!

© Gerjon Kunst

What about us, will AI take over?

Fair Detlouine

inana Histori

Clail

8

honia Ascac Intibo



Wrap up

The age of AI is upon us



Can we keep our jobs?



Al won't replace you anytime soon, someone using AI might..



Dr. Milan Milanović 🥥 @milan_milanovic

To replace programmers with AI, clients will need to accurately describe what they want.

We're safe.

Do I need to worry









NEW PODCAST

Impact of AI:Explored @impactof_ai www.impactof.ai

https://www.youtube.com/@impactofai.podcast

