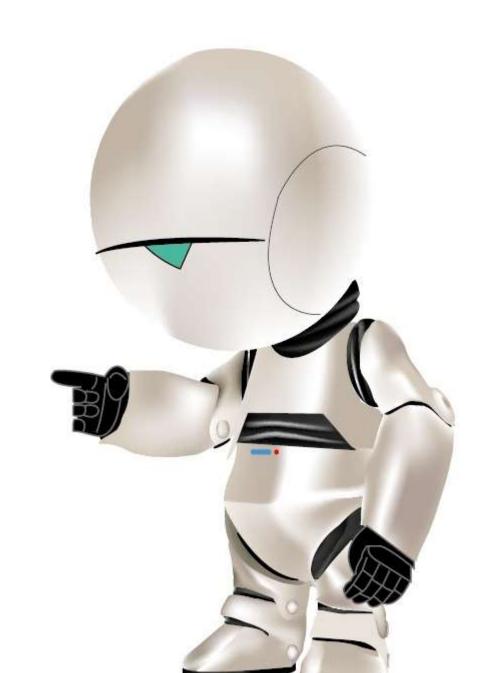
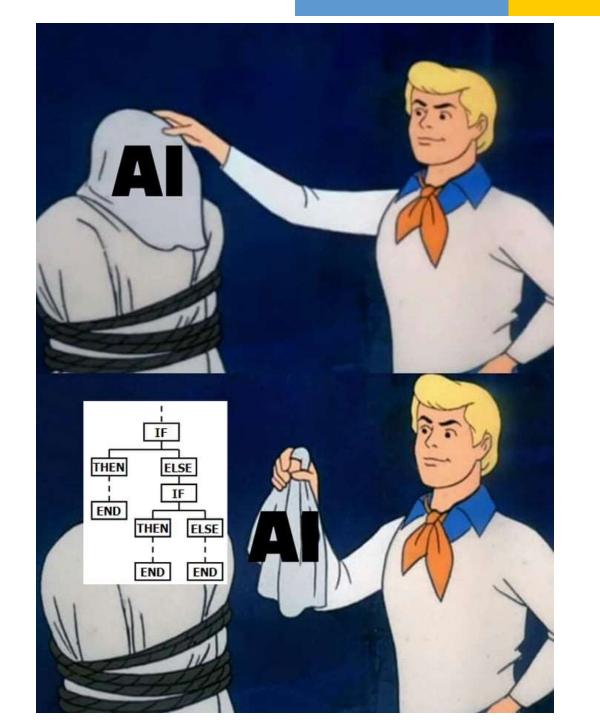
# Microsoft Al

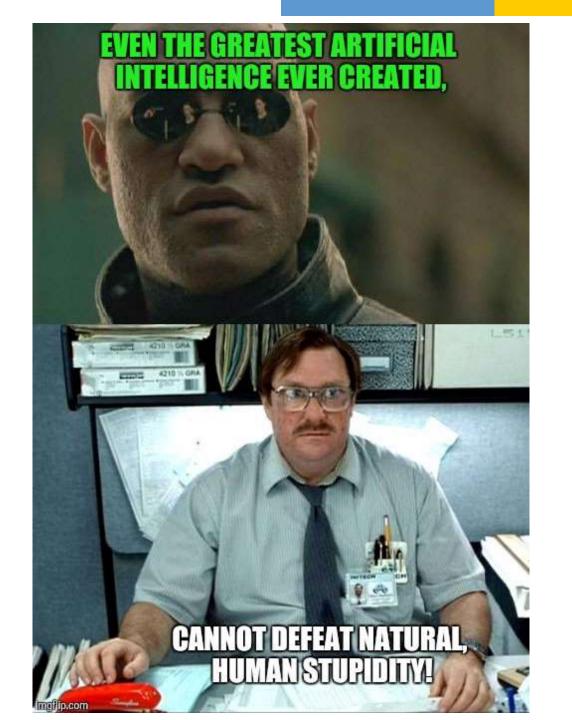
### **Petr Vlk**

Microsoft MVP
Enterprise Architect
KPCS CZ
vlk@kpcs.cz



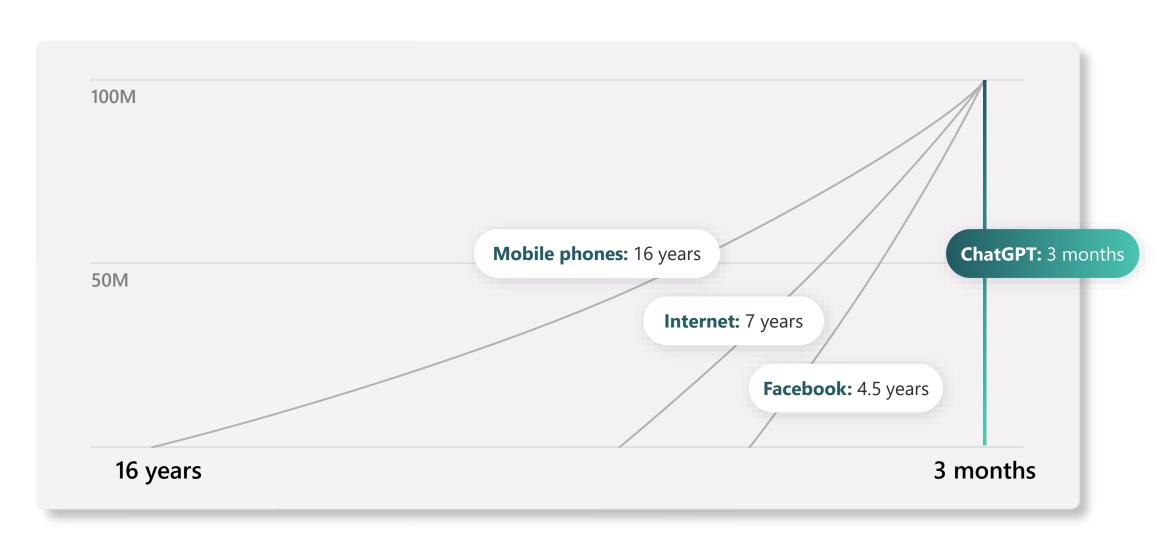






# Generative AI technology is here

Time to reach 100M users



"Autopilot" "Copilot"

### A transformation in how we work

# Copilot boosts productivity

### Research shows developers...





# Copilot for Microsoft 365



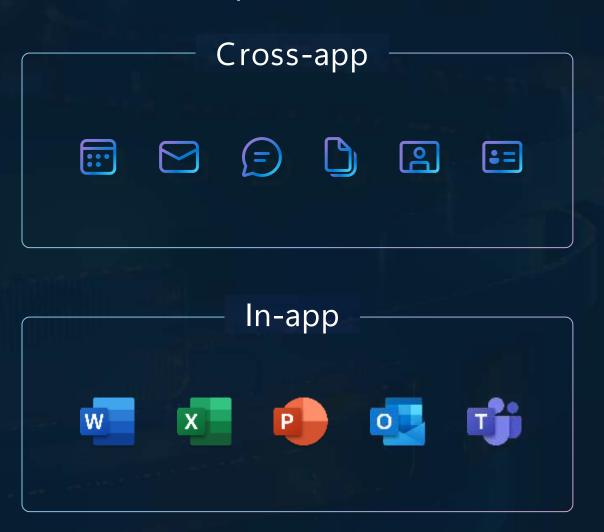
# Copilot for Microsoft 365



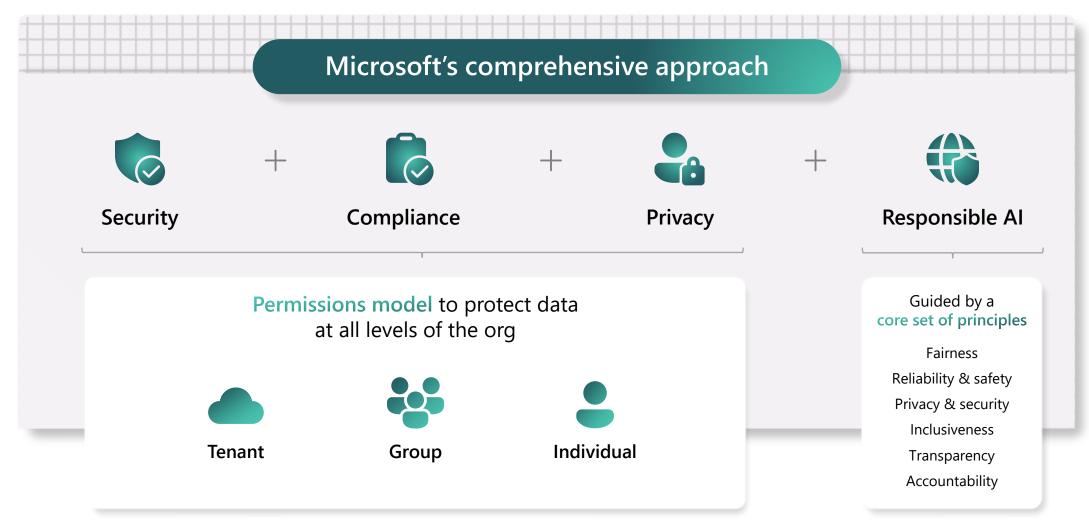


### Copilot for Microsoft 365

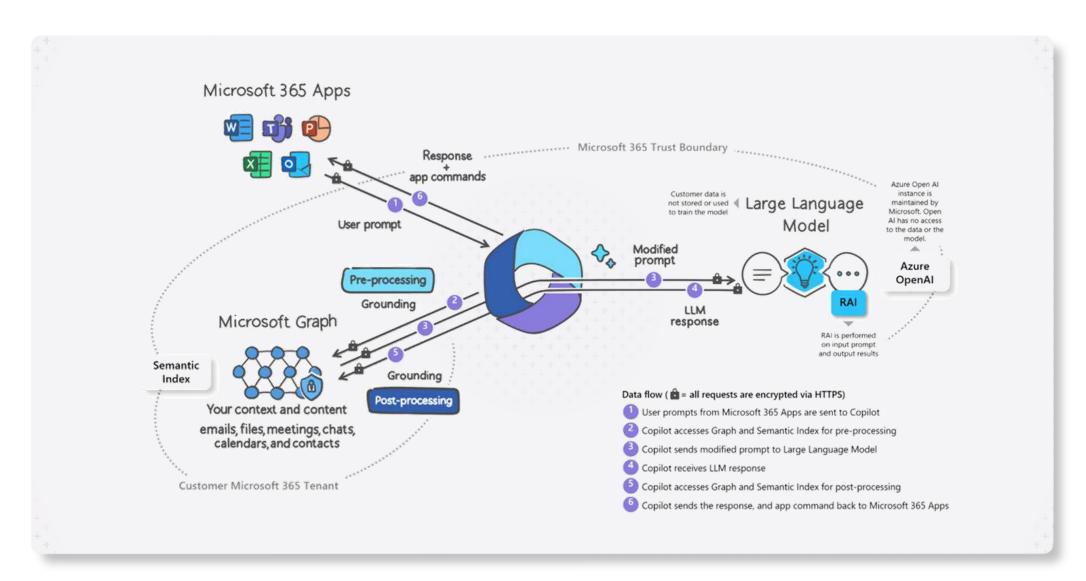
### Experiences



# Copilot for Microsoft 365 foundational principles



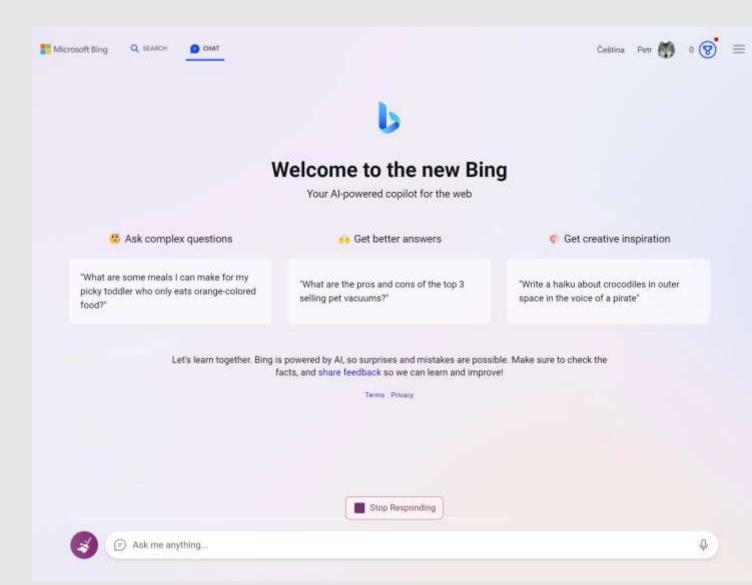
# Copilot for Microsoft 365 System







# Bing







### Copilot

#### Get answers to complex questions

For example, you could ask "Help me plan for my fishing trip."

#### Take actions on your PC

Control your Windows environment with actions like "Adjust my settings so I can focus."

#### Work across documents

Summarize and compose text from any app start by copying text to clipboard.

Let a learn together. Windows copilot is powered by Al, so surprises and mistakes are possible. Make sure to sheck the facts, and share feedback so we can learn and improvel





# Microsoft 365 Copilot

works alongside you in the apps you use every day



**Unleash creativity** 

Harness the power of Al so you never have to start from scratch



Unlock productivity

Let AI summarize actions for you and optimize your time



**Uplevel skills** 

Be better at what you're good at and master what you've yet to learn

How to prepare for Microsoft 365 Copilot

## Technical requirements and recommendations

- Microsoft 365 E3 or E5 are licensing prerequisites.
- ✓ AAD based account is required¹.
- Several features require users to have a OneDrive account.
- Copilot in Word, Excel, and PowerPoint: first available in the web versions at <a href="https://microsoft365.com">https://microsoft365.com</a> and later expand to desktop
- For Outlook: Users need to be using the new Outlook for Windows (which is publicly called "the new Outlook for Windows" and it is currently in Preview. Users can load the new Outlook by toggling or Outlook Mobile. Getting started with the new Outlook for Windows Microsoft Support.
- For Teams: Users need to be using Teams desktop client or the web app. Both current and the new versions of Teams supported.
- For Loop: Tenants must have Loop enabled. <u>Learn more how to enable Loop</u>. (only required if customer want to use Copilot in Loop)
- The richness of the cross-app experience will depend on the data sources indexed by Microsoft 365. Tenants with the richest data in Microsoft 365 (Exchange, OneDrive, SharePoint, Teams) will get the best results.

### How to prepare for Microsoft 365 Copilot

- 1) Understand file permissions:
  - Overview of <u>sharing and permissions available in SharePoint in Microsoft 365</u>
  - Sensitivity labels from Microsoft Purview
- (2) Implement data loss prevention policies:
  - Learn about <u>data loss prevention</u>
  - Watch: <u>automatically classifying and protecting documents and data and data loss prevention in Microsoft Purview</u>
- 3 Use reporting to stay updated:
  - <u>Usage reports</u> in the Microsoft 365 admin center
  - <u>Data access governance reports</u> in SharePoint admin center

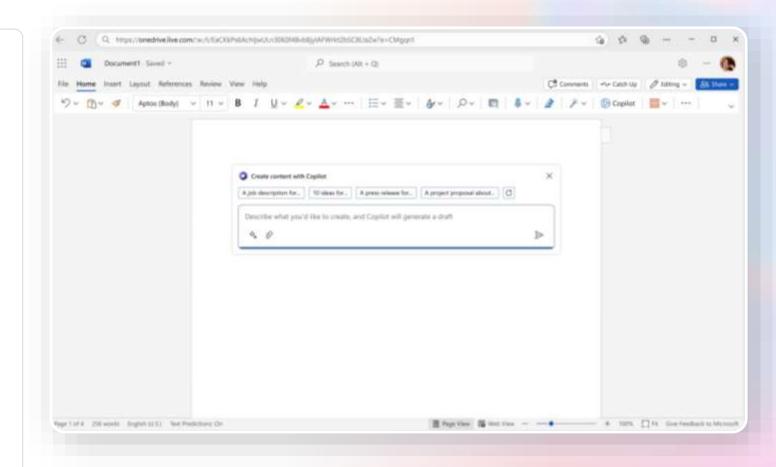
Review this blog post on getting tenant ready for Microsoft 365 Copilot or watch this Microsoft Mechanics video.

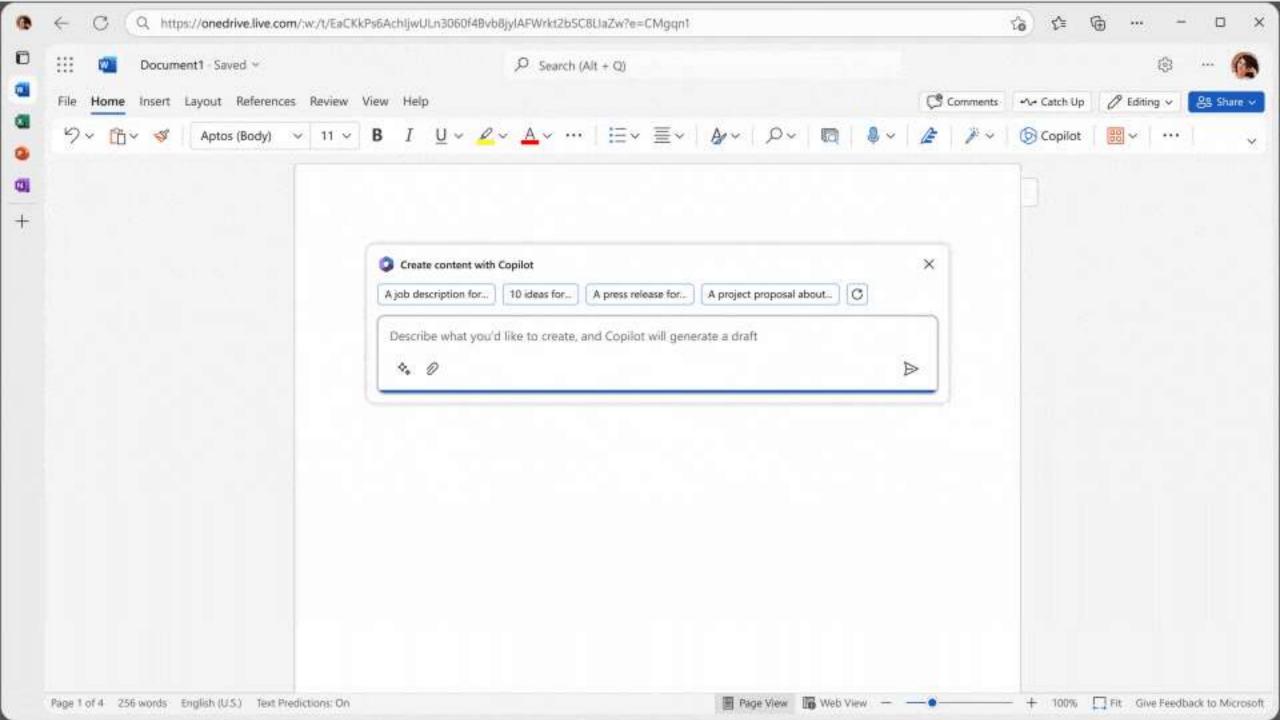


### **Copilot in Word**

Copilot writes, edits, summarizes, and creates right alongside you.

- Draft a two-page project proposal based on the data from [document] and [spreadsheet].
- Make the third paragraph more concise. Change the tone of the document to be more casual.
- Create a one-page draft based on this rough outline.



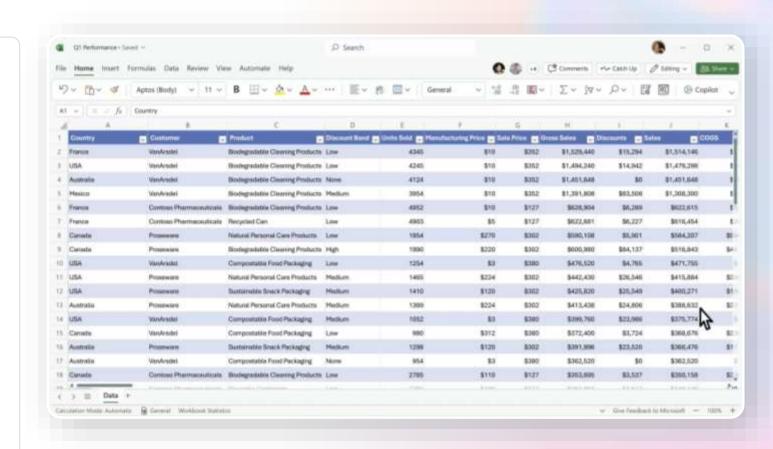


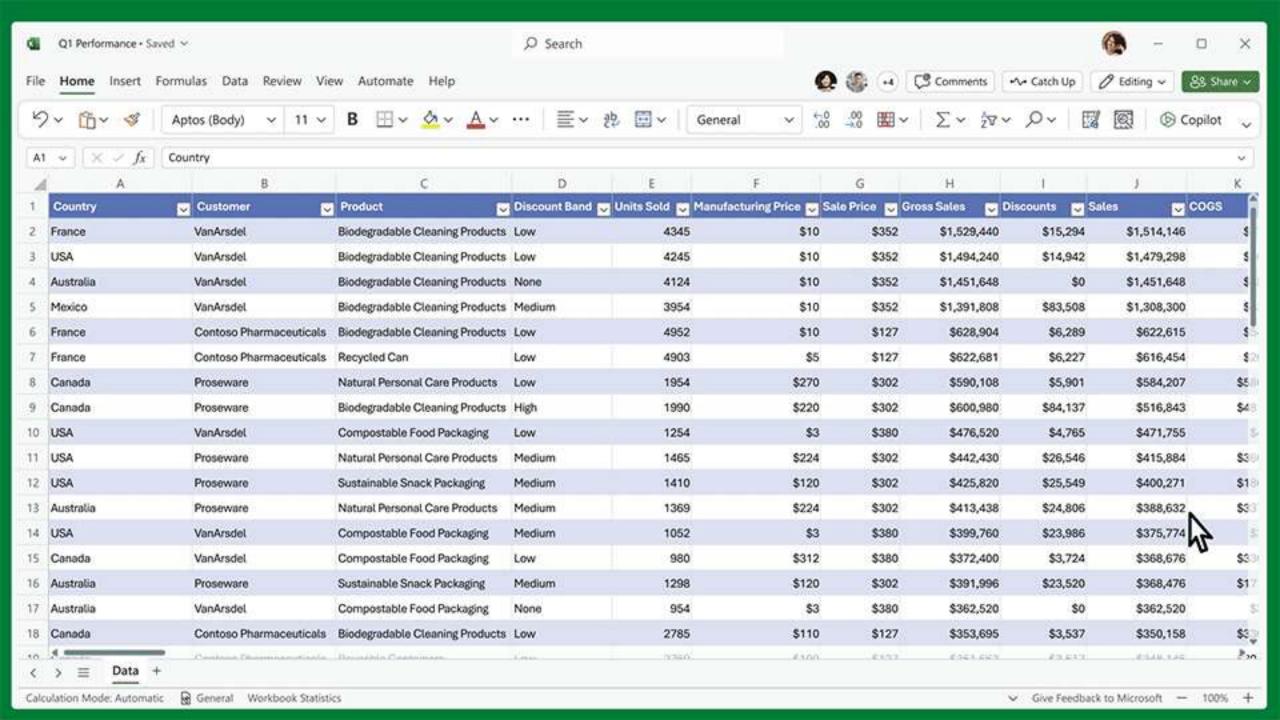


### **Copilot in Excel**

Copilot works alongside you to help analyze and explore your data.

- Give a breakdown of the sales by type and channel. Insert a table.
- Project the impact of [variable] and generate a chart to help visualize.
- Model how a change to the growth rate for [variable] would impact my gross margin.



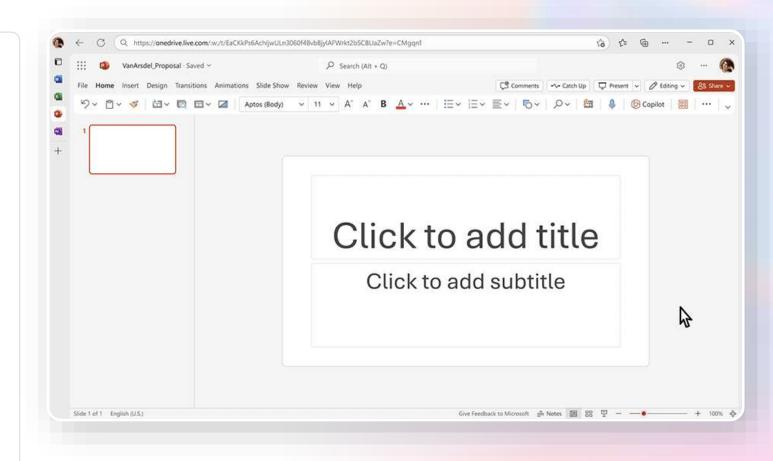


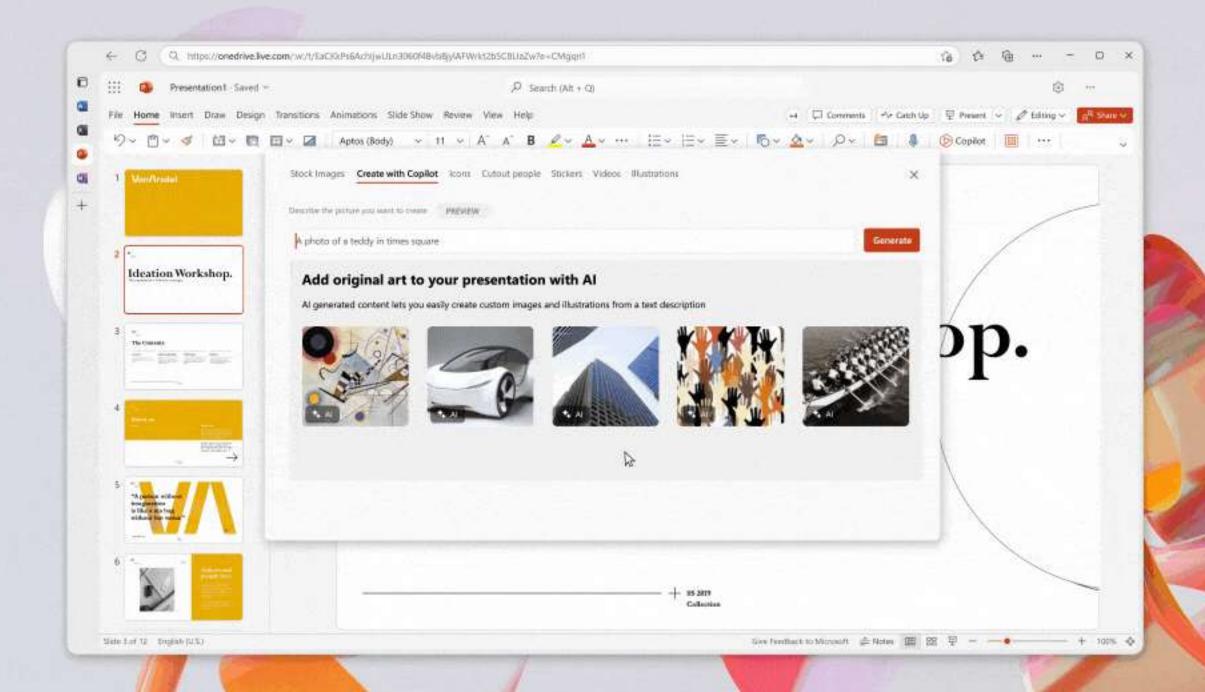


### **Copilot in PowerPoint**

Copilot helps you turn your ideas into stunning presentations.

- Create a five-slide presentation based on a Word document; include relevant stock photos.
- Consolidate this presentation into a three-slide summary.
- Reformat these three bullets into three columns, each with a picture.



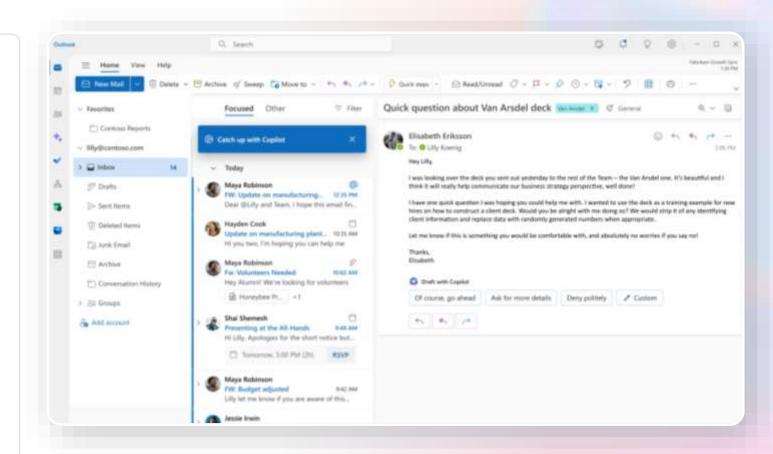


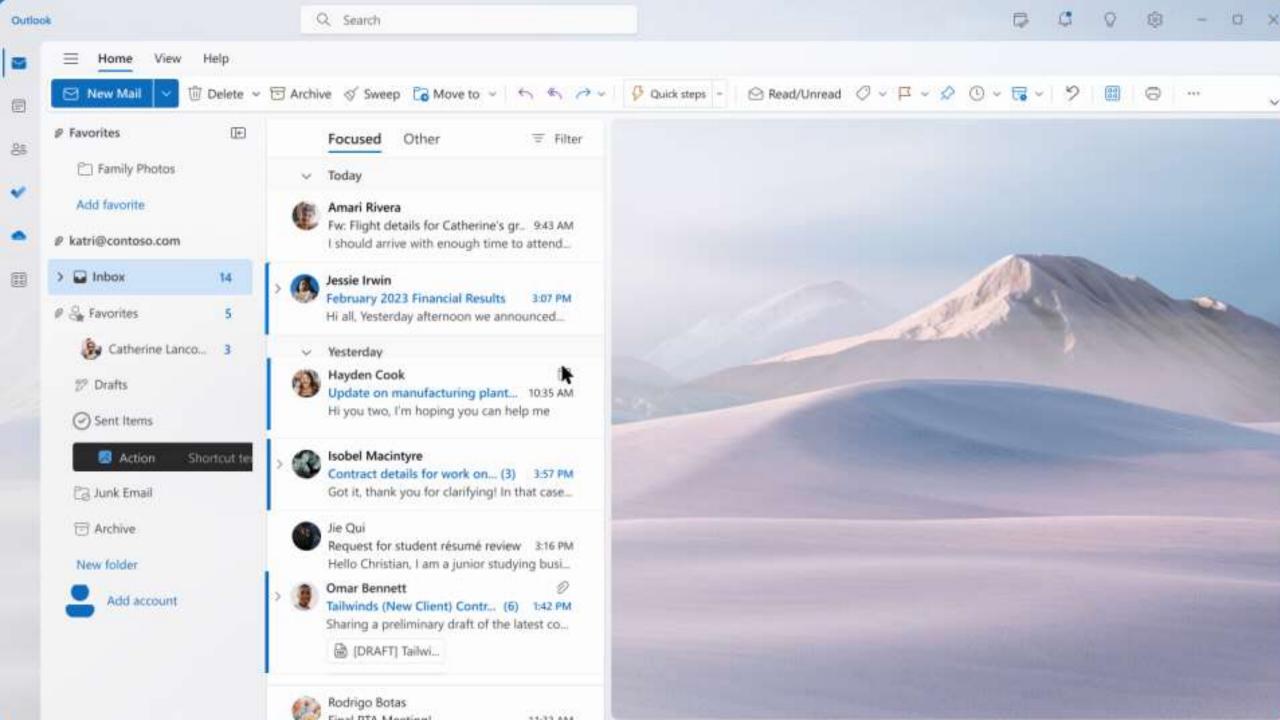


### **Copilot in Outlook**

# Copilot works with you in cleaning your inbox and messages.

- Summarize the emails I missed while I was out. Flag important items.
- Draft a response thanking them and asking for more details; shorten this draft and make the tone professional.
- Invite everyone to a "lunch and learn" about new product launches next Thursday at noon







### **Copilot in Teams**

Copilot helps you run effective meetings, get up to speed, organize key discussion points, and summarize actions.

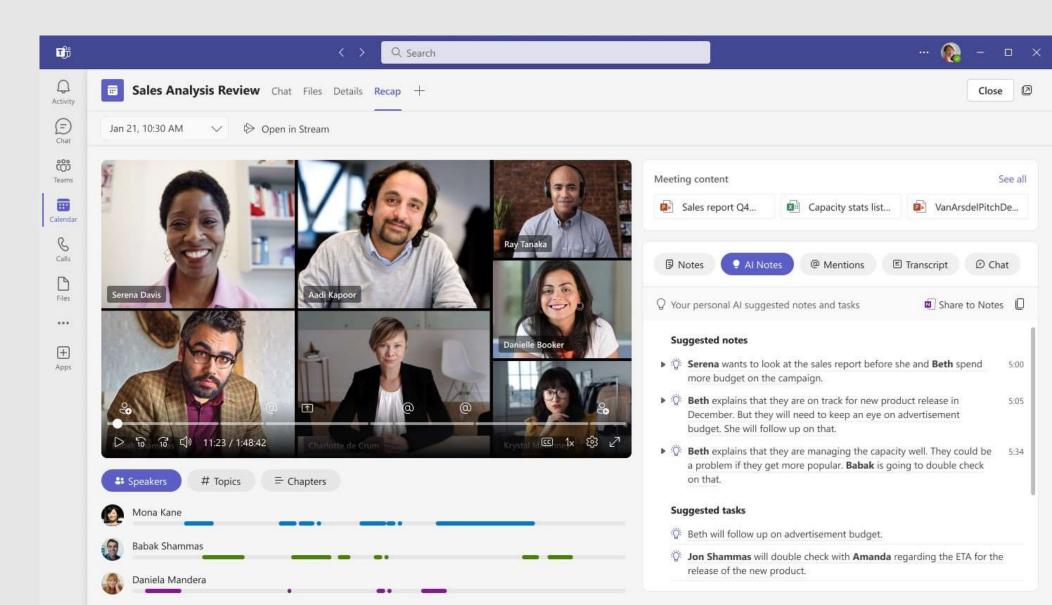
- Summarize what I've missed in the meeting.
- Create a table of pros and cons for [topic].
- What decisions were made, and what are some suggested next steps?

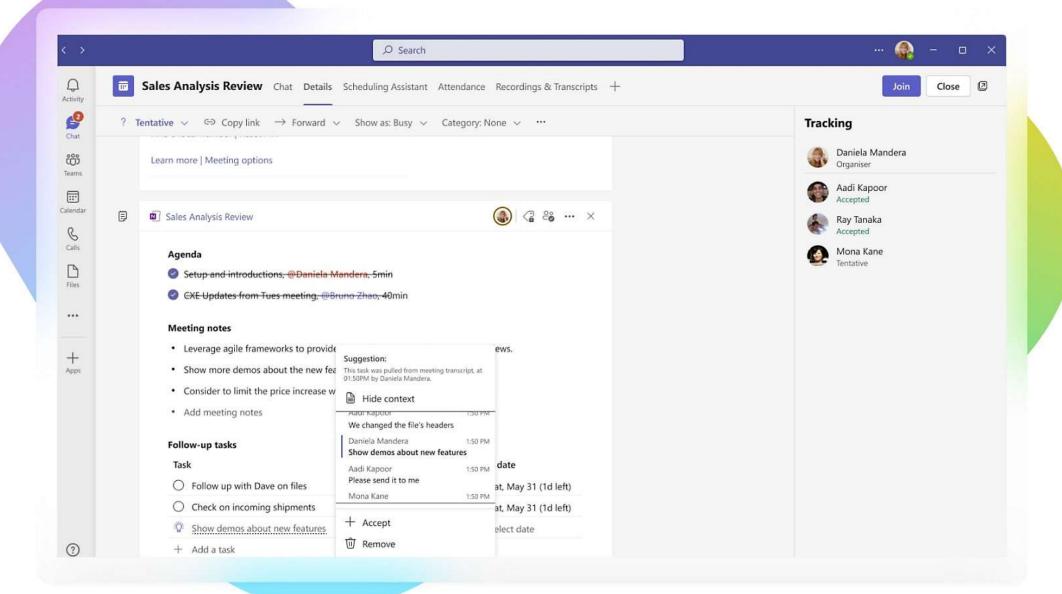


## Teams Premium: Intelligent Meeting Recap

Sumář Zápis Úkoly Záznam Překlad

H2 2023 EN Ano CZ 3. vlna



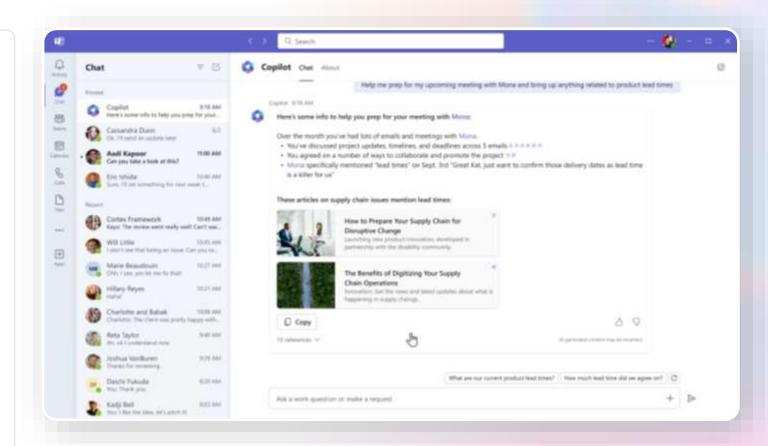


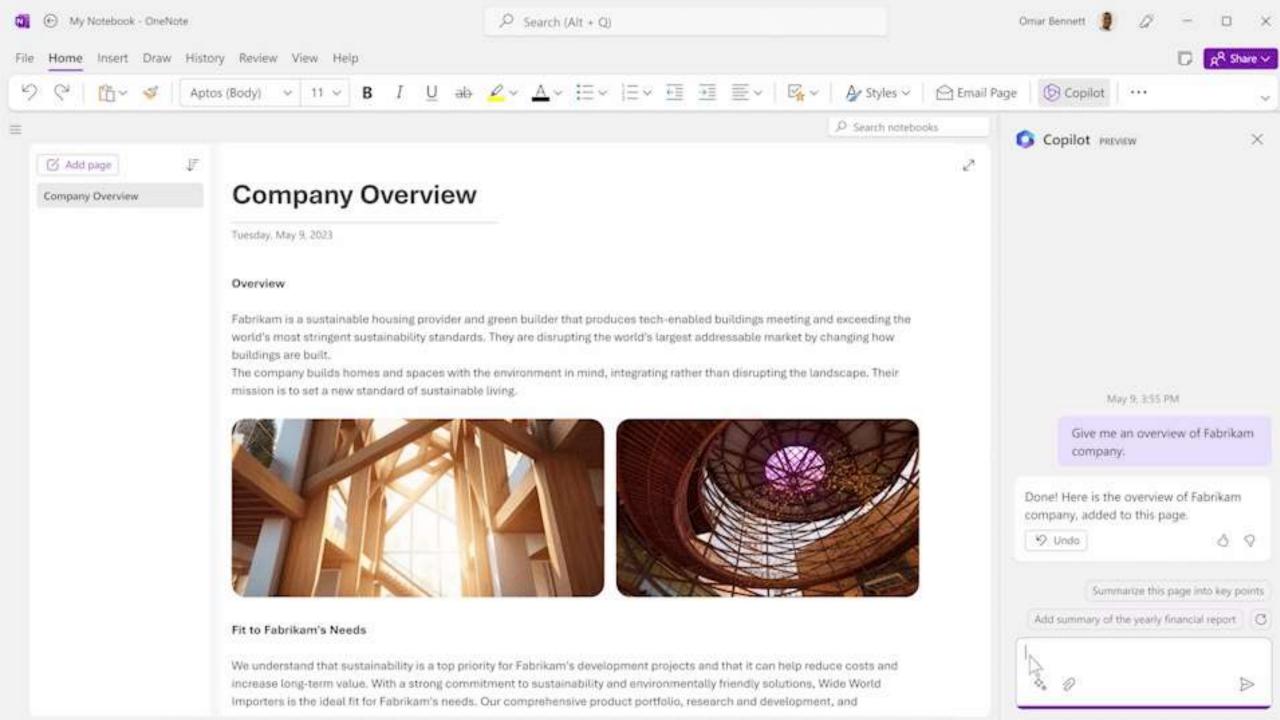


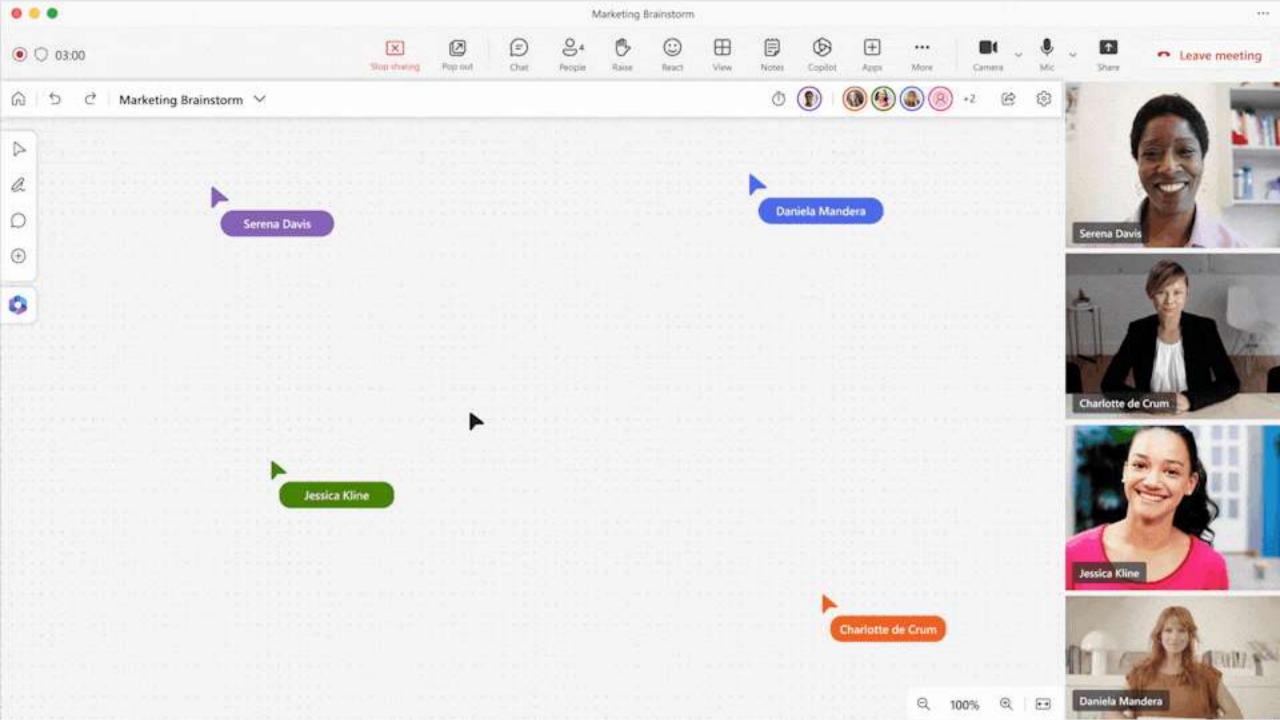
### **Business Chat**

Copilot works alongside you to bring together data from your documents, presentations, email, calendar, notes, and contacts.

- Summarize the chats, emails, and documents about [customer].
- What is the next milestone on [project].
   Are there any risks?
- Write a planning overview in the style of [file A] that contains the timeline from [file B] and incorporates the project list in the email from [person].

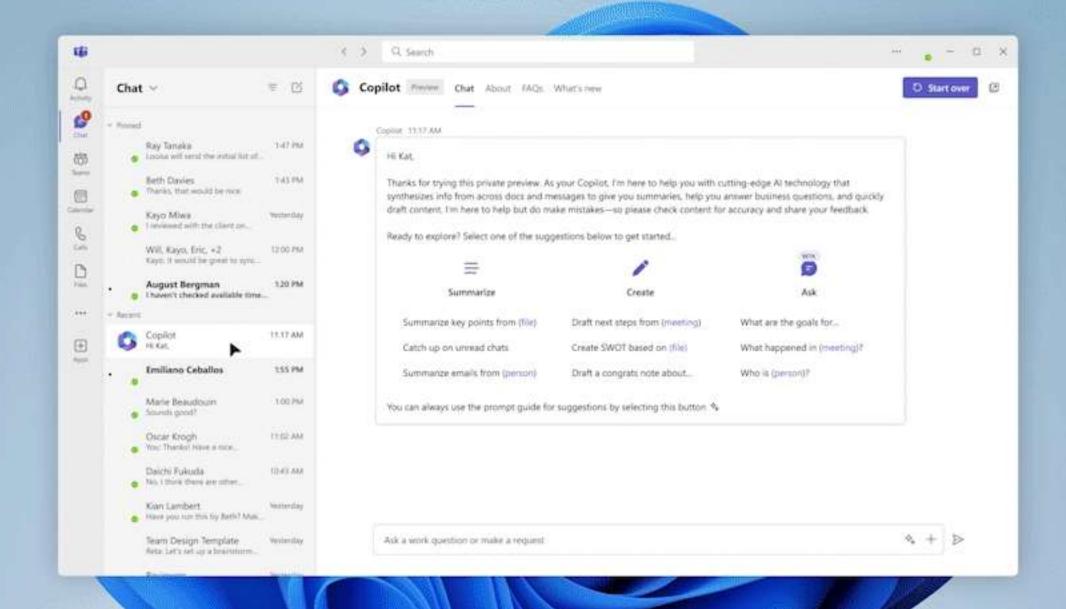






# 365 Copilot

ф,	Grounded in your business data	Connecting cutting-edge AI to your business data in a secure, compliant, privacy-preserving way.
<b>C</b> +	Comprehensive security, compliance, & privacy	Copilot inherits your security, compliance, and privacy policies set up in Microsoft 365.
111+ <sub>+</sub>	Protected with secure data partitions	Your data never leaves its secure partition, and it is never used for training purposes.
0	Integrated into the always in control	Word, Excel, PowerPoint, Outlook, Teams, and more.
	Designed to learn new skills	As Copilot learns about processes, it can perform more sophisticated tasks and queries.







# Copilot for Microsoft 365

### Microsoft 365 E3 a E5:

- Copilot Semantic Index
- Placené přídavky (Copilot Plans)
- Microsoft Search (ChatGPT)
- Teams (ChatGPT)
- PowerPoint (ChatGPT + DALL-E)
- Outlook (ChaptGPT)
- OneNote (ChatGPT)
- Word (ChatGPT + DALL-E)
- Excel (ChatGPT)
- PowerBI (ChatGPT)
- Access (ChatGPT)
- Viva Learning (ChatGPT)
- Whiteboard (ChaptGPT + DALL-E)
- A další...

### Keyword Index

Exact words and phrases

"March" "Sales" "Report

### Semantic Index

\*Sales reports are produced by Kelly, on the finance team, and published each month as an Excel file.\*

### Microsoft Al Services

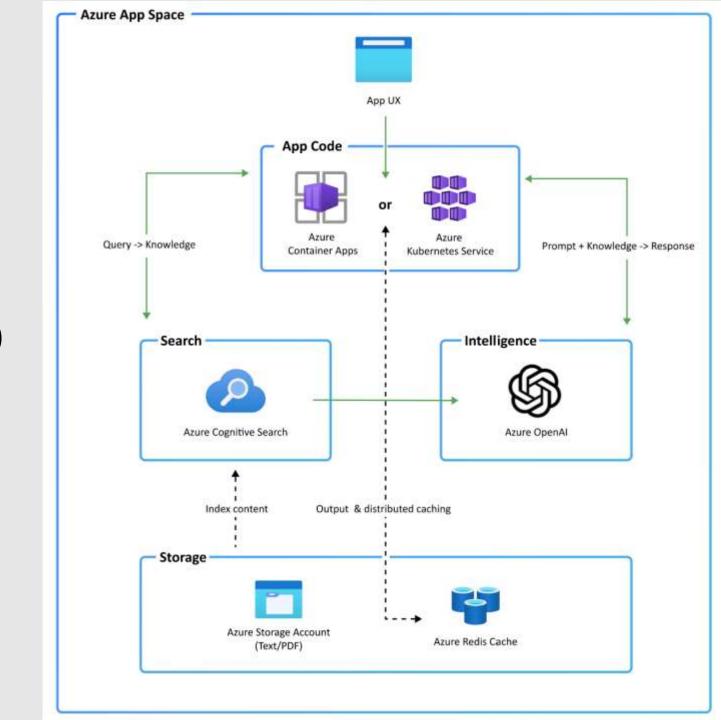
### Integrované v existující aplikaci

- Bing
- Windows
- Microsoft Search
- Microsoft Designer
- GitHub Copilot
- Teams Premium
- Microsoft Copilot
  - Copilot for Microsoft 365 (Teams, Microsoft 365 Apps, Power BI, Power Apps, ...)
  - Copilot for Security
  - Copilot for Sales (Dynamics 365, Finance, ...)

# Microsoft Al Services

Pro vlastní další vývoj a rozvoj

- Azure OpenAl Service
- Power Platform AI Builder
- OpenAl Components (.NET)



# Podpora jazyků

Podporované jazyky Podporované konverzační jazyky Podporované Copilot jazyky

Supported languages in Viva Sales | Microsoft Learn





Act as a virtual assistant for a content creator. Your boss is about to be out of the office for a trip to the Bahamas. Write an OOO email for your boss that is lighthearted and concise with a witty subject line. Give instructions about whom to contact instead.



Subject: See You Later, Alligator! 3

Hi there!

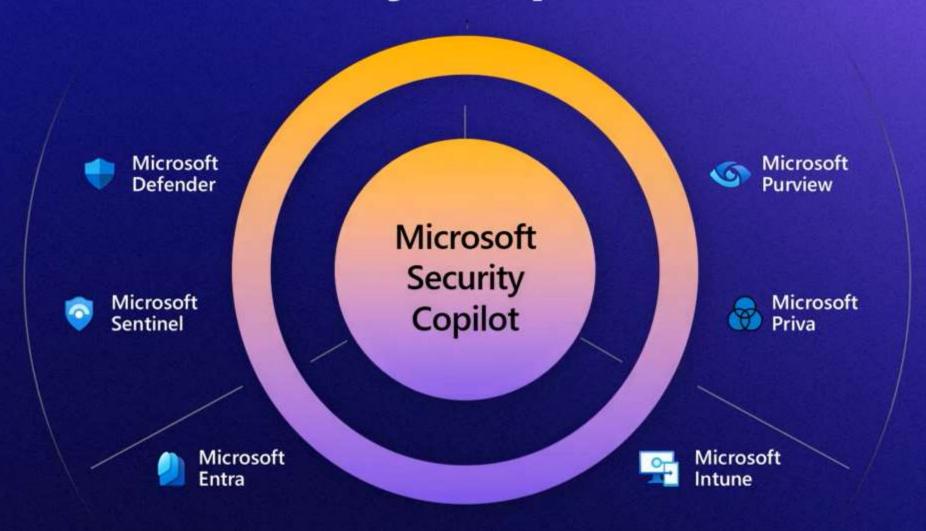
Thank you for reaching out! I am currently out of the office and basking in the sun (and rum) on a trip to the Bahamas. Don't worry, I left the laptop behind, so there will be no working during this vacation.

If you need assistance during my absence, please reach out to my colleague [Name] at [Email]. They will be happy to assist you with anything you need.

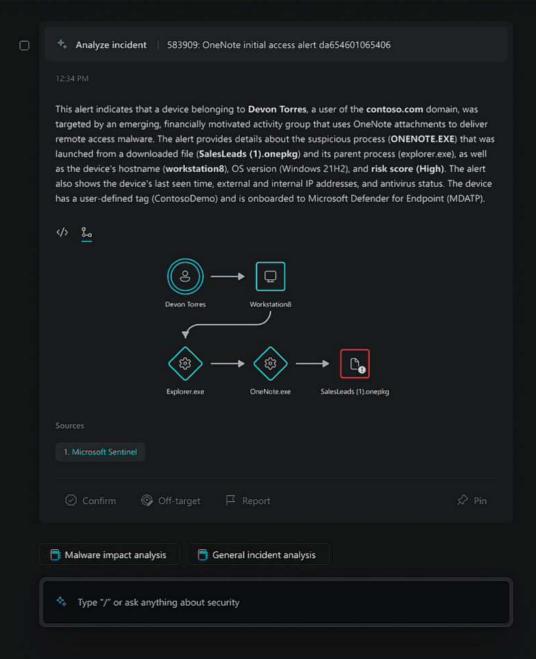
Thank you for your understanding, and I'll see you soon!

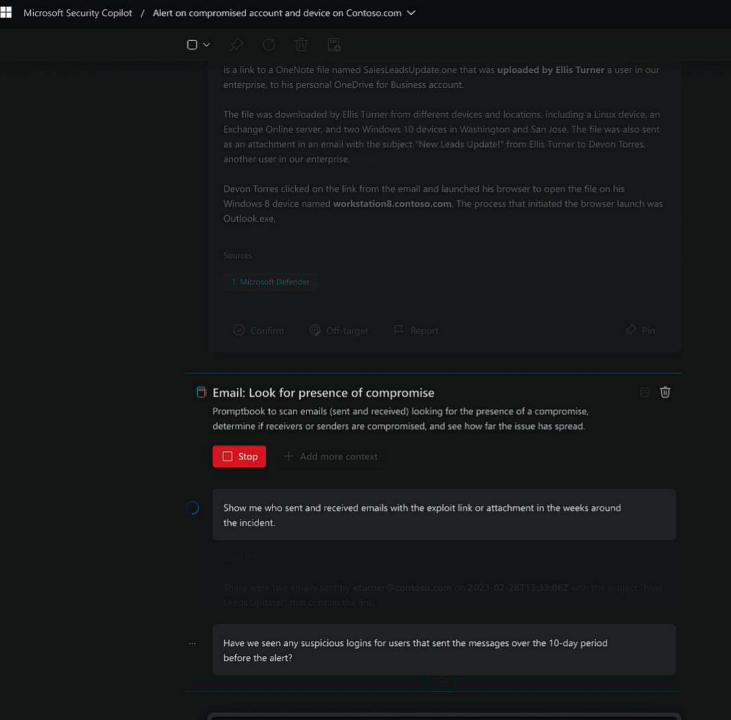
Best regards,

# Microsoft Security Copilot











Pin board

Alert on compromised account and device on Contoso.com

OneNote	WMI	PowerShell	AMSI	Kinsing	Muhstic
Sabsik	Wacatac				
🔓 Summa	r <b>y</b>	nned items (5)			

### **Alert Summary**

This alert indicates that a device belonging to Devon Torres, a user of the contoso.com domain, was targeted by an emerging, financially motivated activity group that uses OneNote attachments to deliver remote access malware. The alert provides details about the suspicious process (ONENOTE.EXE) that was launched from a downloaded file (SalesLeads (1).onepkg) and its parent process (explorer.exe), as well as the device's hostname (workstation8), OS version (Windows 21H2), and risk score (High). The alert also shows the device's last seen time, external and internal IP addresses, and antivirus status. The device has a user-defined tag (ContosoDemo) and is onboarded to Microsoft Defender for Endpoint (MDATP).

### Attack Steps

The account dtorres@contoso.com was involved in a series of suspicious actions on the workstation8 host, indicating a possible compromise by a malware campaign.

### The following attack steps were observed:

- · Malicious OneNote package file downloaded
- · Malicious scripts executed via WScript.exe
- Attempted AMSI tampering and process injection
- Suspicious Microsoft Defender Antivirus exclusion and startup folder addition
- · Suspicious LDAP query and process discovery
- · Suspicious WMI process creation
- · Suspicious PowerShell command line and script execution

### **Attack Details**

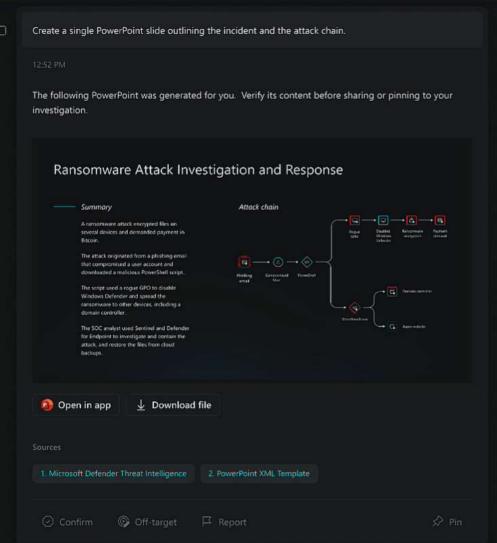






Pin board





Type "/" or ask anything about security

### Alert on compromised account and device on Contoso.com



### **Alert Summary**

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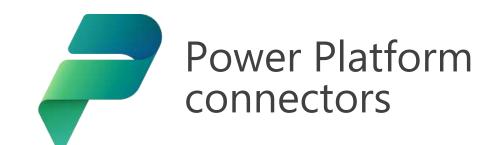
### **Attack Details**



Microsoft 365 Copilot
Plugin support

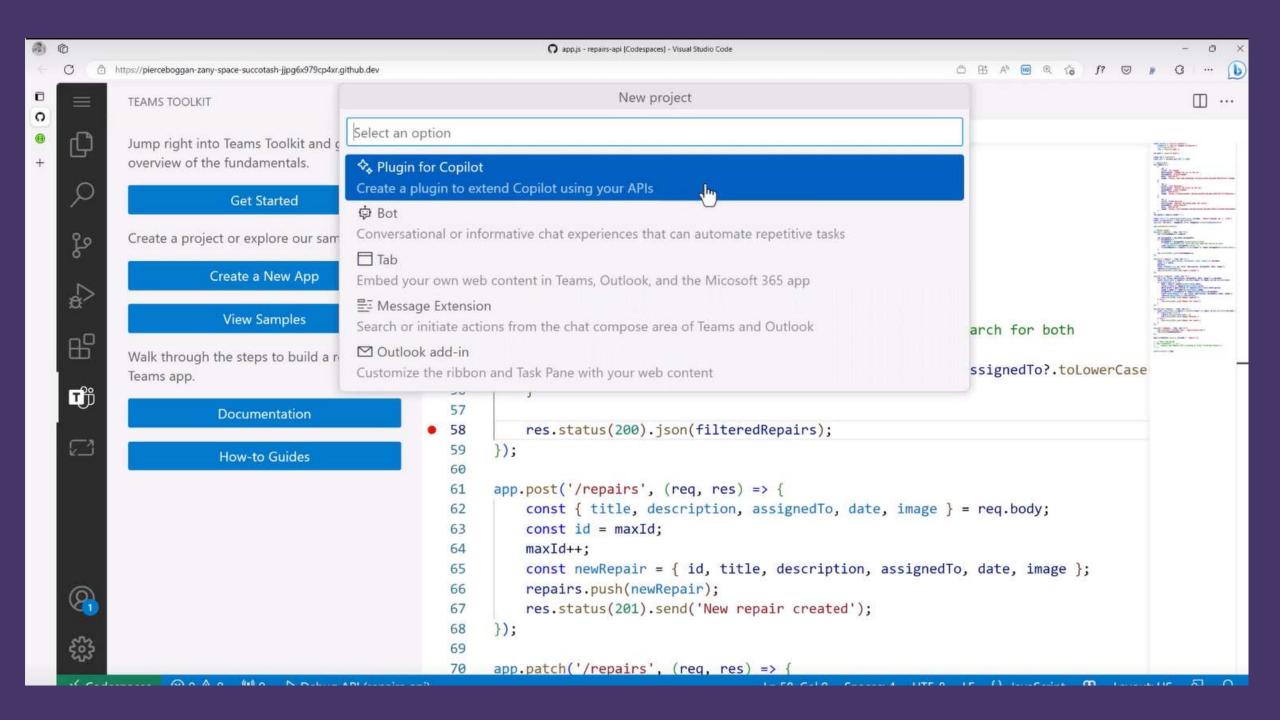






# **Coming soon**

# Create plugins with Teams Toolkit for Visual Studio





Microsoft 365 Copilot

Plugins

Extend with industry standard plugins

Existing investments in Teams and Power Platform are plugins

Easily create plugins with custom user experience

Deploy once, extend copilot & host apps

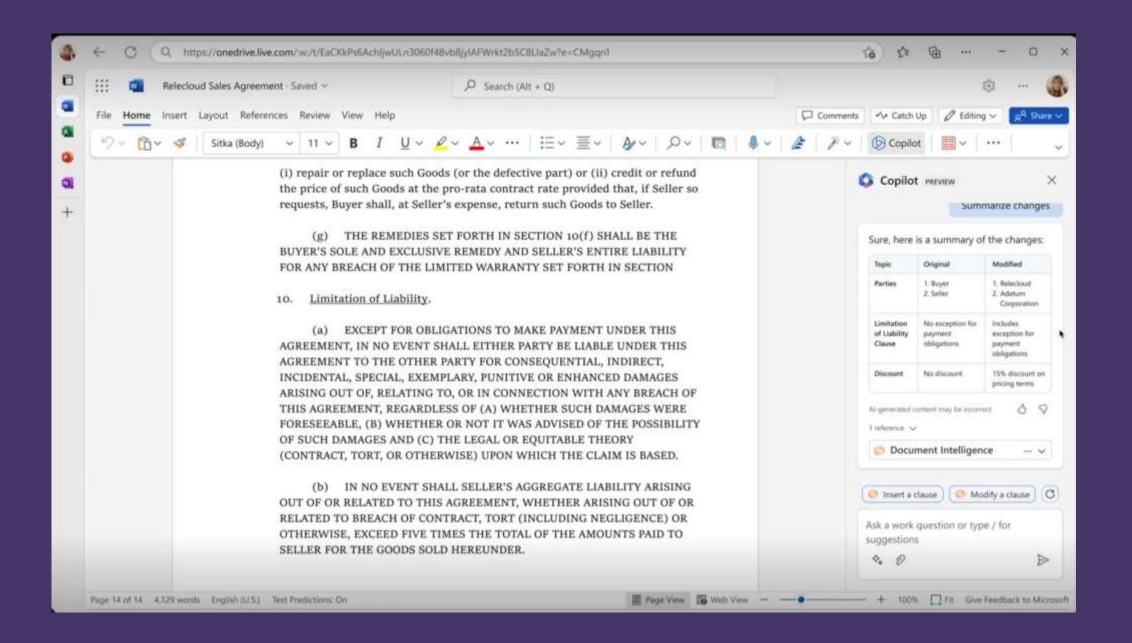


Ground prompts and copilot answers in your data

Data stays in customer's tenant boundary – not used for training

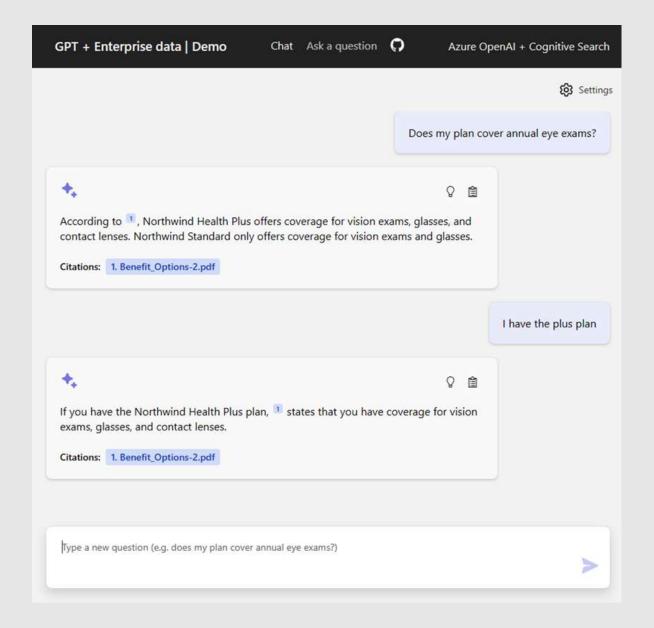
Inherits and enforces security & permissions at runtime

Enables contextual search through Semantic Index for Copilot



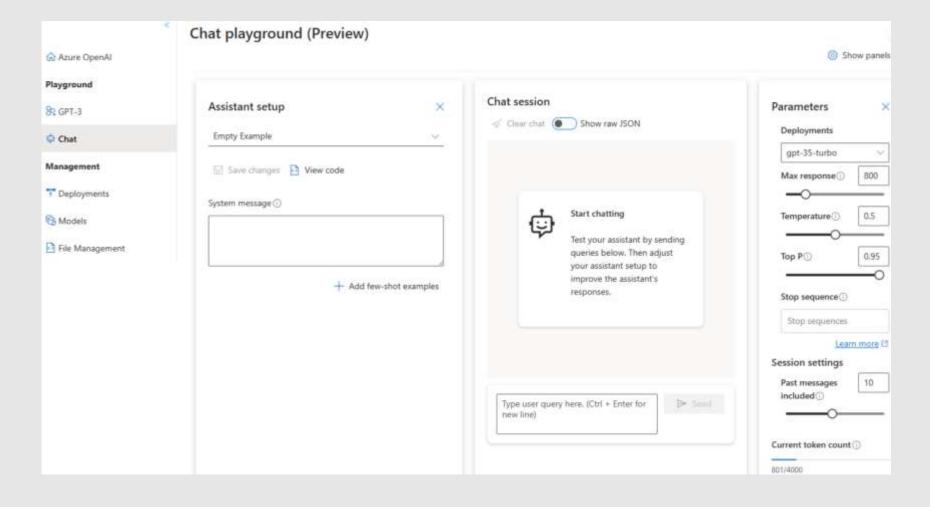
# **Azure OpenAl Service**

Vlastní data pro trénink Napojení Azure služeb Konverzační služby Ovládání propojení



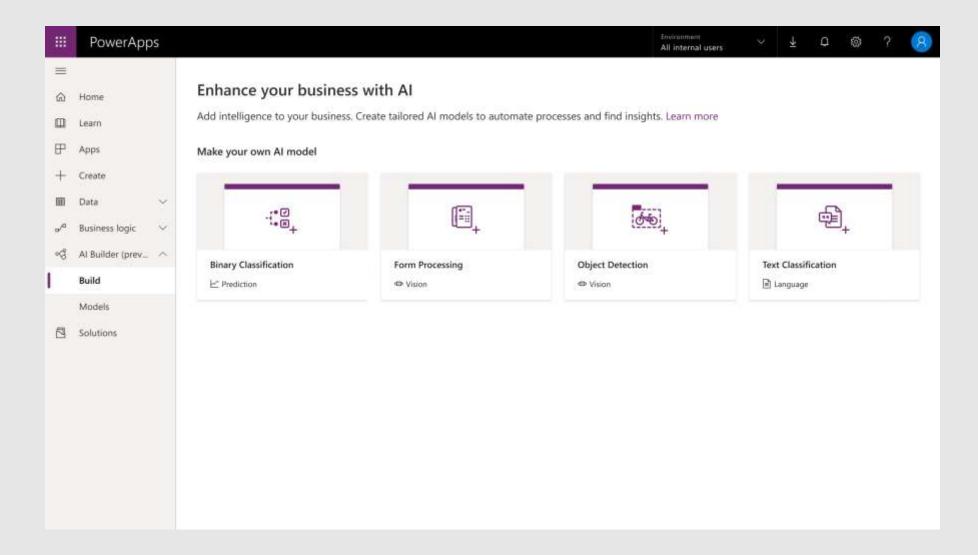
# **Azure OpenAl Studio**

Jak by to mohlo celé fungovat

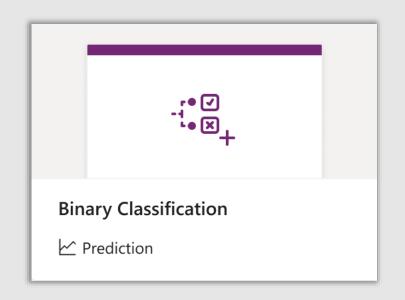


# Point-and-Click AI solutions

### Add intelligence to your business



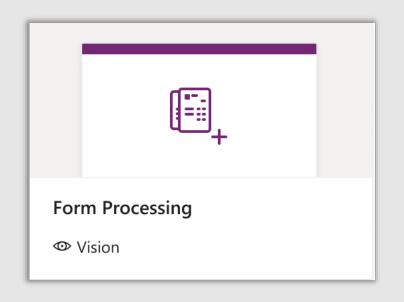
# Binary classification



Predict yes/no business outcomes based on historical data patterns with historical outcomes.

- Will this customer churn (yes/no)?
- Which loan risk profile for this customer (low/high)

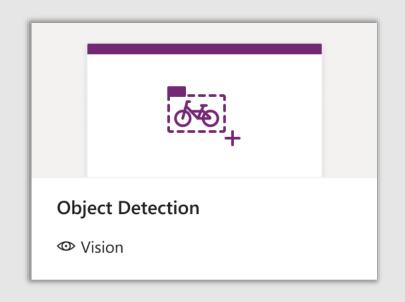
# Form processing



Digitize your Forms to extract information, store or process them

- Extract tax form information from PDF files
- Extract invoice information from camera

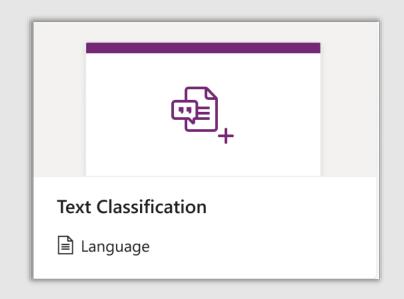
# **Object detection**



Identify, count and locate objects in images

- Retail: product inventory detection from smartphone camera
- Manufacturing: recognize parts of a machine

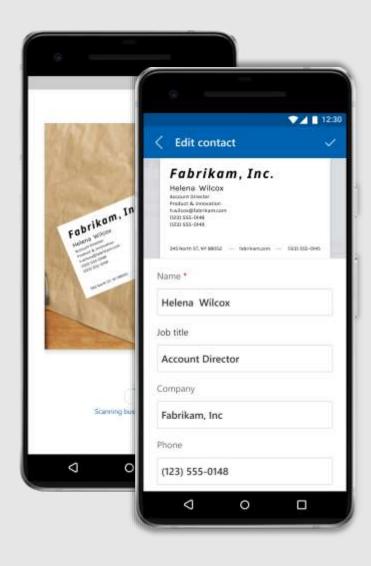
### Text classification



Automate text tagging to improve processes and extract untapped value from your data

- Classify product feedback from customers
- Route customer requests

### Business card reader



Pre-trained AI template to extract contact information from camera

### Example

Automate lead gathering during trade events

# Diskuse

### **Petr Vlk**

Microsoft MVP

Enterprise Architect

KPCS CZ

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#