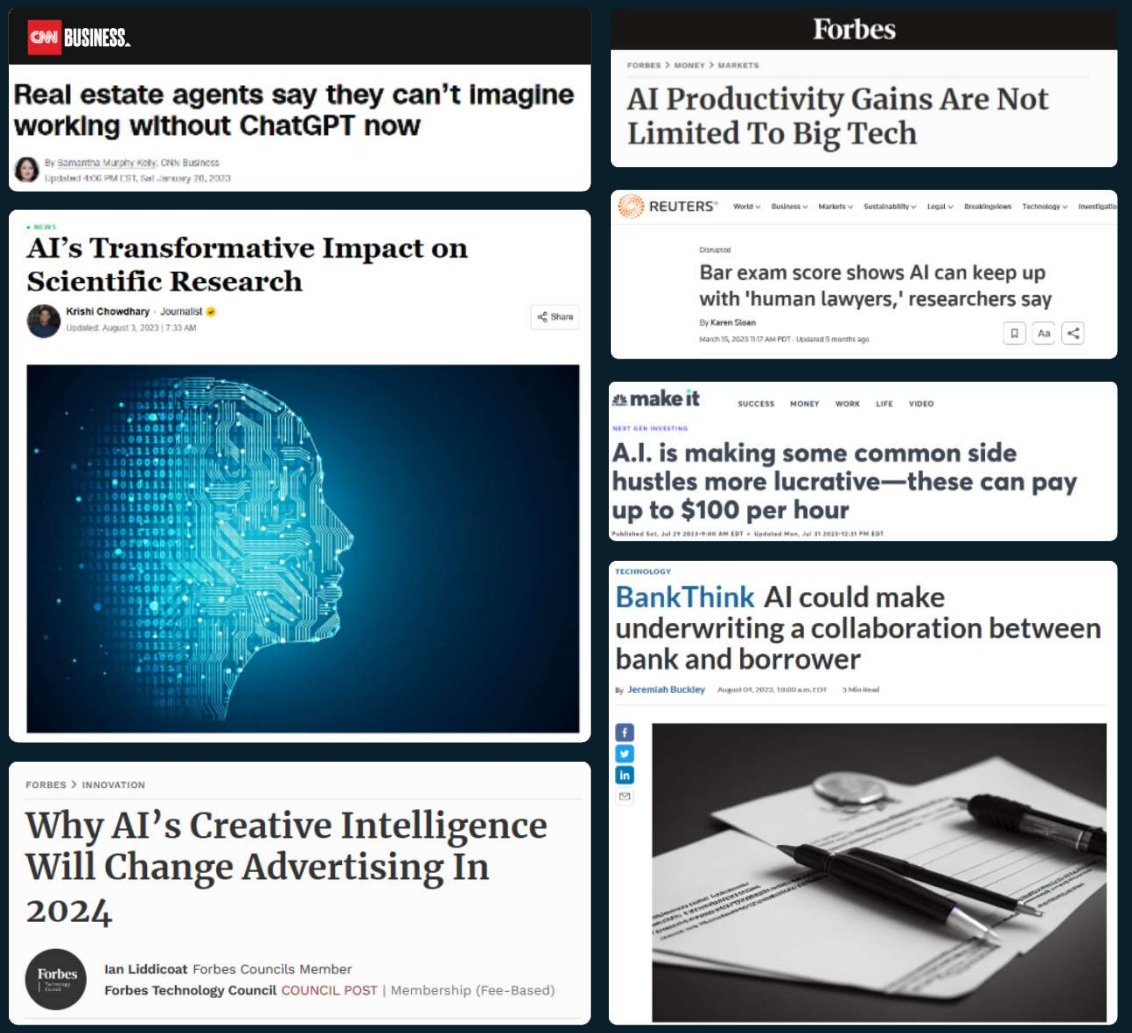
Microsoft

Power your AI transformation with the Microsoft Cloud

AI is everywhere



CNN BUSINESS

Real estate agents say they can't imagine working without ChatGPT now

By Samantha Murphy Kelly, CNN Business

Forbes

FORBES > MONEY > MARKETS

AI Productivity Gains Are Not Limited To Big Tech

NEWS

AI's Transformative Impact on Scientific Research

Krishi Chowdhary · Journalist

Updated: August 3, 2023 | 7:33 AM

Share

REUTERS

Disruptor

Bar exam score shows AI can keep up with 'human lawyers,' researchers say

By Karen Sloan

March 15, 2023 11:17 AM PDT · Updated 5 months ago

make it

SUCCESS MONEY WORK LIFE VIDEO

NEXT GEN INVESTING

A.I. is making some common side hustles more lucrative—these can pay up to $100 per hour

FORBES > INNOVATION

Why AI's Creative Intelligence Will Change Advertising In 2024

Ian Liddicoat Forbes Councils Member

Forbes Technology Council COUNCIL POST | Membership (Fee-Based)

TECHNOLOGY

BankThink AI could make underwriting a collaboration between bank and borrower

By Jeremiah Buckley

What can AI do for you?

Power your AI transformation with the Microsoft Cloud

Amplify human ingenuity with a copilot for everyone

Deliver transformational experiences by building your own intelligent apps

Safeguard your business and data with the most trusted AI platform

Power your AI transformation with the Microsoft Cloud

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Employees are ready to embrace AI

64%

Employees lack time & energy to do their job

3.5X

More likely to struggle with strategic thinking

70%

Employees willing to delegate work to AI

60%

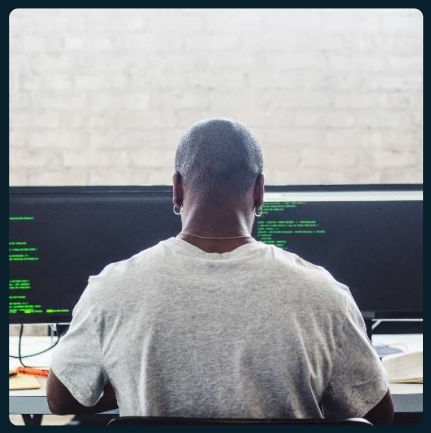
of leaders say a lack of innovation is a concern

Source: 2023 Work Trends Index

Empowering everyone to achieve more

Every employee

Functional roles



Security & IT professional

Developer & data professional

What every employee wants from AI

Finding info and answers

Summarizing meetings and action items

Creative work

Analytical work

Planning their day

Admin tasks

Bing Chat Enterprise

AI-powered chat for work

Bing Chat Enterprise

AI-powered chat for work

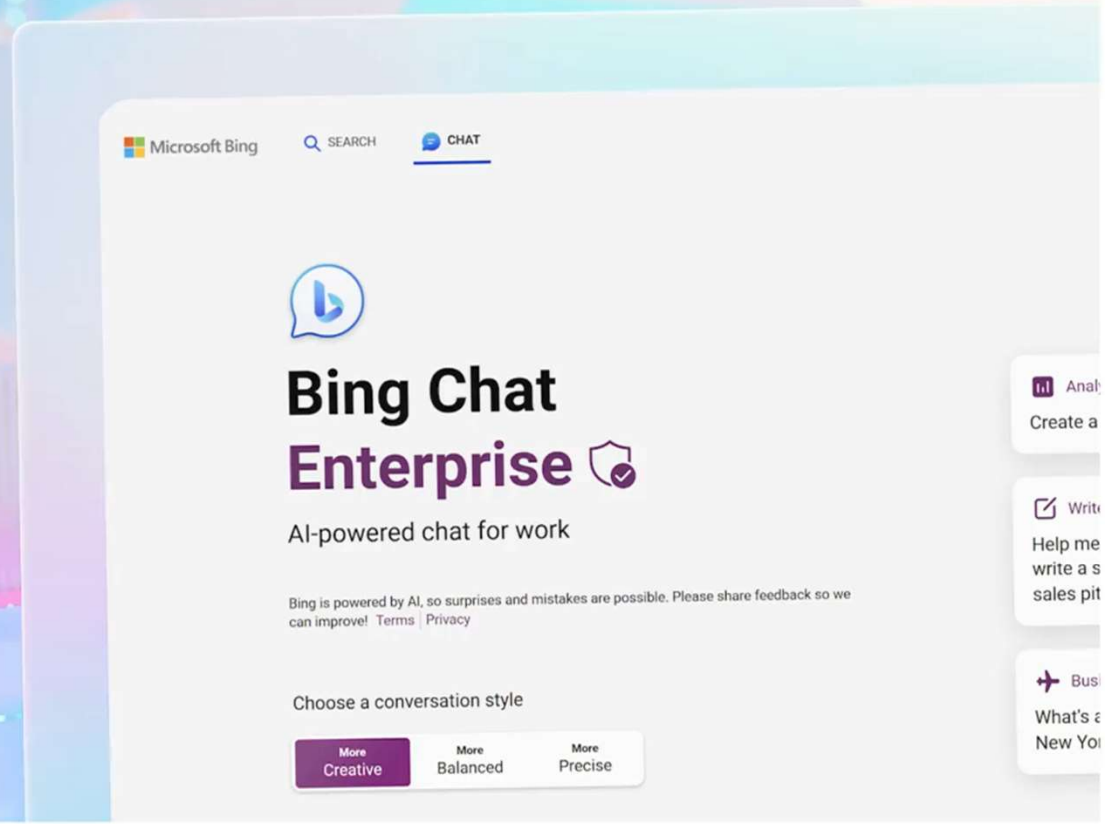
Chat data isn't saved

Microsoft has no eyes-on access

Data isn't used to train the models

MICROSOFT 365

Bing Chat Enterprise



Microsoft 365 Copilot

Works alongside you in the apps you use every day

Natural Language

Large Language Models

+

Microsoft Graph - Your Data -

+

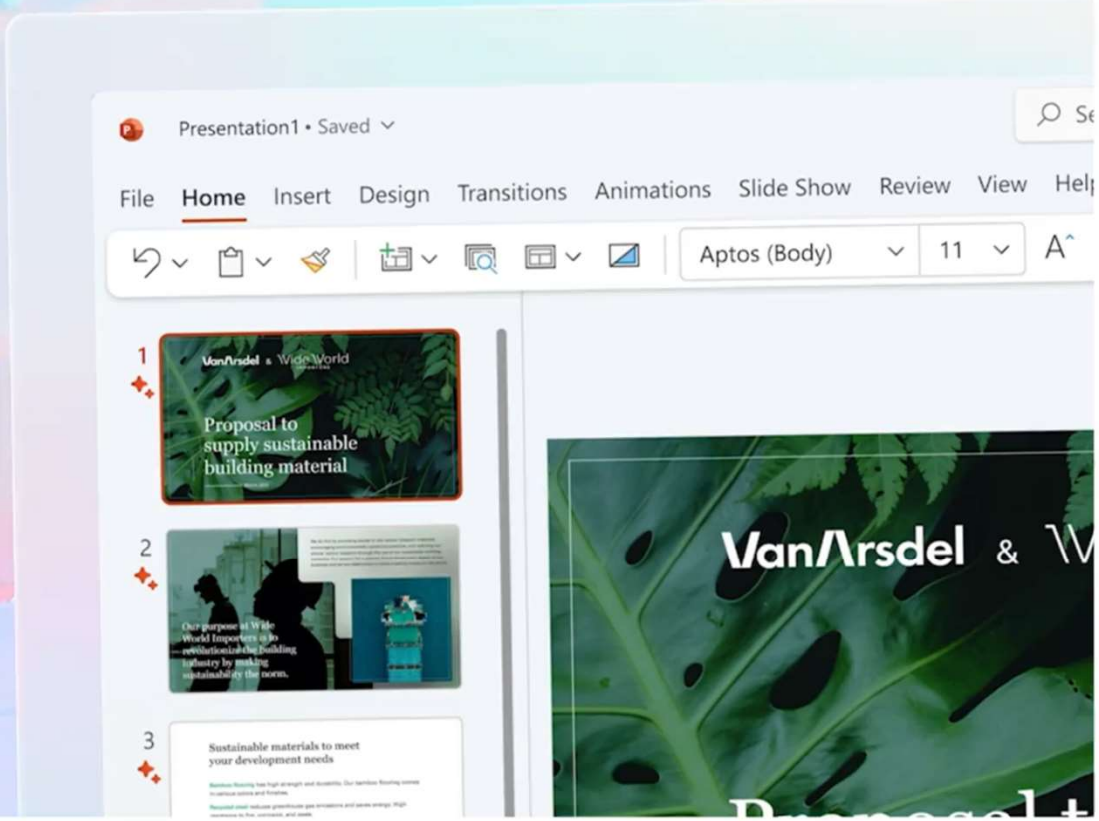
Microsoft 365 Apps

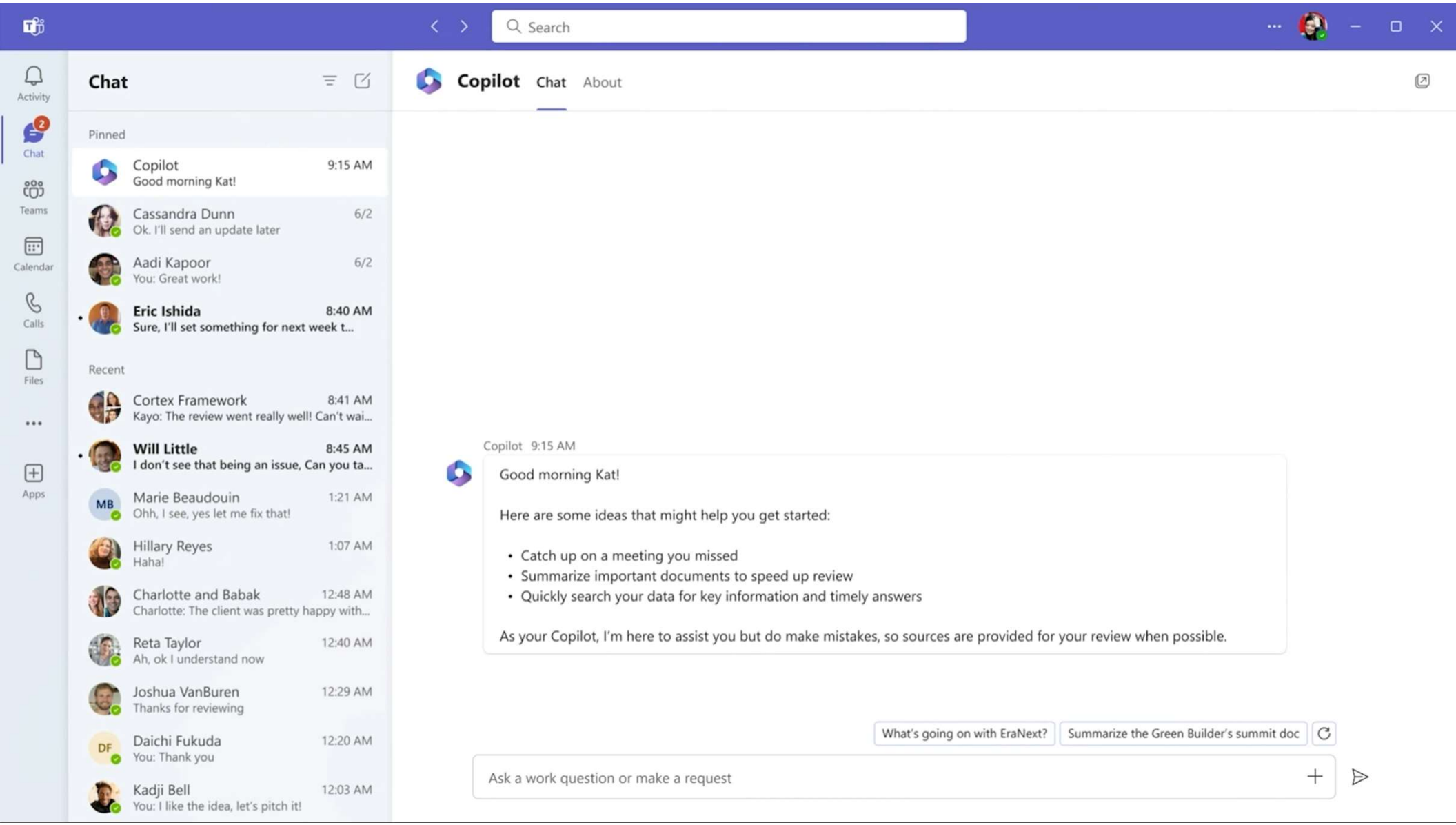
+

The Internet

MICROSOFT 365

Copilot in PowerPoint



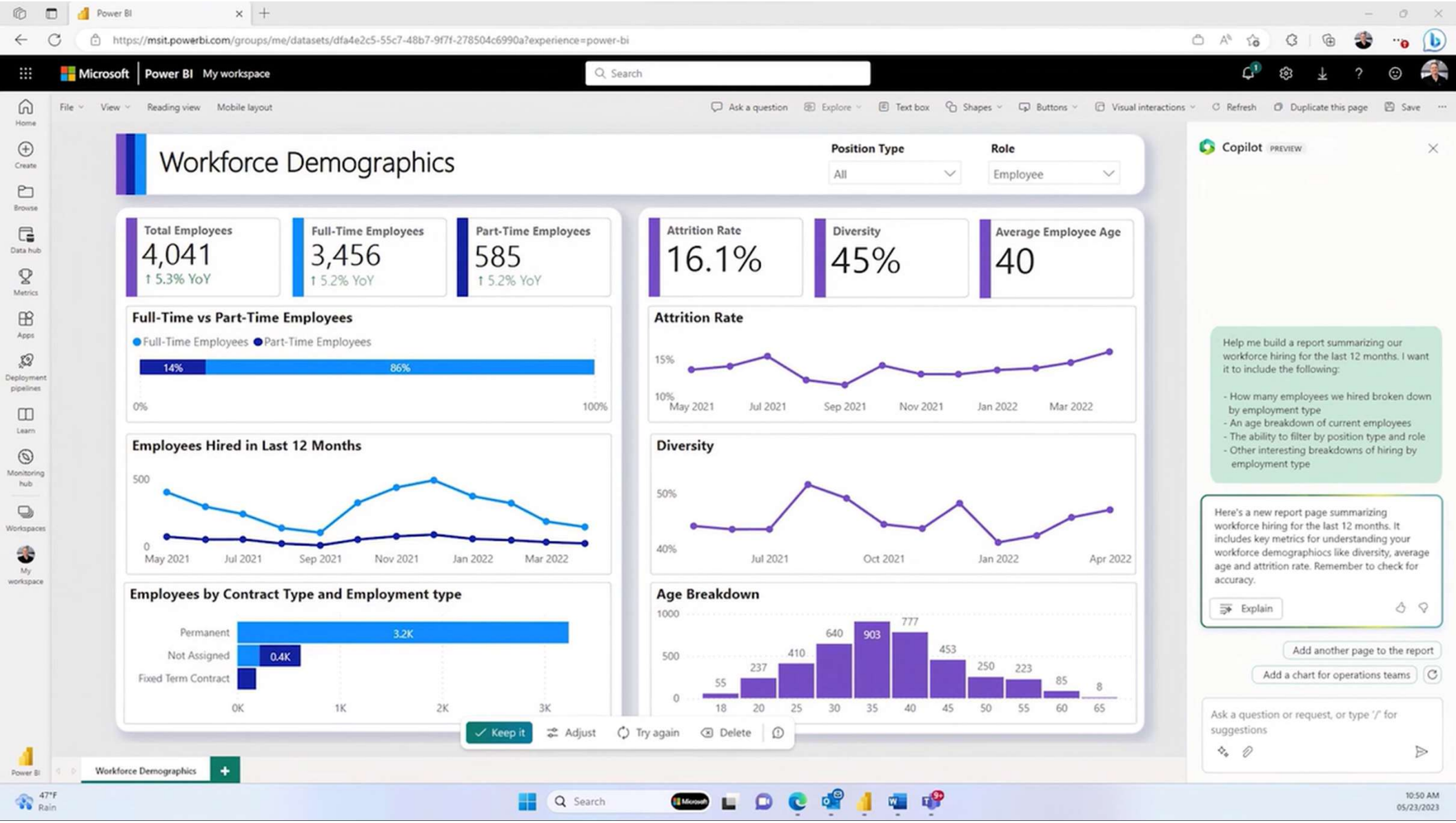

Search
Activity
Chat
Teams
Calendar
Calls
Files
Apps
Chat
Pinned
Copilot 9:15 AM
Good morning Kat!
Cassandra Dunn 6/2
Ok. I'll send an update later
Aadi Kapoor 6/2
You: Great work!
Eric Ishida 8:40 AM
Sure, I'll set something for next week t...
Recent
Cortex Framework 8:41 AM
Kayo: The review went really well! Can't wai...
Will Little 8:45 AM
I don't see that being an issue, Can you ta...
Marie Beaudouin 1:21 AM
Ohh, I see, yes let me fix that!
Hillary Reyes 1:07 AM
Haha!
Charlotte and Babak 12:48 AM
Charlotte: The client was pretty happy with...
Reta Taylor 12:40 AM
Ah, ok I understand now
Joshua VanBuren 12:29 AM
Thanks for reviewing
Daichi Fukuda 12:20 AM
You: Thank you
Kadji Bell 12:03 AM
You: I like the idea, let's pitch it!
Copilot
Chat
About
Copilot 9:15 AM
Good morning Kat!
Here are some ideas that might help you get started:
• Catch up on a meeting you missed
• Summarize important documents to speed up review
• Quickly search your data for key information and timely answers
As your Copilot, I'm here to assist you but do make mistakes, so sources are provided for your review when possible.
What's going on with EraNext?
Summarize the Green Builder's summit doc
Ask a work question or make a request

	Bing Chat	Bing Chat Enterprise	Microsoft 365 Copilot
	Personal	Work	Work
GPT Large Language Model	✓	✓	✓
AI-Powered Web Search, Answers & Content Generation	✓	✓	✓
Commercial Data Protection		✓	✓
Enterprise Security, Privacy & Compliance			✓
Microsoft 365 Graph (content & context)			✓
Microsoft 365 Apps			✓

Copilot in Power BI

Stay focused on your business outcomes and unlock insights in your data with Copilot

Create insightful reports | Uncover actionable insights | Translate insights into impact


Power BI
https://msit.powerbi.com/groups/me/datasets/dfa4e2c5-55c7-48b7-9f7f-278504c6990a?experience=power-bi
Microsoft | Power BI My workspace
Search
File View Reading view Mobile layout
Ask a question Explore Text box Shapes Buttons Visual interactions Refresh Duplicate this page Save
Home Create Browse Data hub Metrics Apps Deployment pipelines Learn Monitoring hub Workspaces My workspace
Workforce Demographics
Position Type
All
Role
Employee
Total Employees
4,041
↑ 5.3% YoY
Full-Time Employees
3,456
↑ 5.2% YoY
Part-Time Employees
585
↑ 5.2% YoY
Attrition Rate
16.1%
Diversity
45%
Average Employee Age
40
Full-Time vs Part-Time Employees
Full-Time Employees
Part-Time Employees
14%
86%
0%
100%
Attrition Rate
15%
10%
May 2021
Jul 2021
Sep 2021
Nov 2021
Jan 2022
Mar 2022
Employees Hired in Last 12 Months
500
0
May 2021
Jul 2021
Sep 2021
Nov 2021
Jan 2022
Mar 2022
Diversity
50%
40%
Jul 2021
Oct 2021
Jan 2022
Apr 2022
Employees by Contract Type and Employment type
Permanent
Not Assigned
Fixed Term Contract
3.2K
0.4K
0K
1K
2K
3K
Age Breakdown
1000
500
0
55
237
410
640
903
777
453
250
223
85
8
18
20
25
30
35
40
45
50
55
60
65
Keep it
Adjust
Try again
Delete
Copilot PREVIEW
Help me build a report summarizing our workforce hiring for the last 12 months. I want it to include the following:
- How many employees we hired broken down by employment type
- An age breakdown of current employees
- The ability to filter by position type and role
- Other interesting breakdowns of hiring by employment type
Here's a new report page summarizing workforce hiring for the last 12 months. It includes key metrics for understanding your workforce demographiocs like diversity, average age and attrition rate. Remember to check for accuracy.
Explain
Add another page to the report
Add a chart for operations teams
Ask a question or request, or type '/' for suggestions
Workforce Demographics
47°F Rain
Search
10:50 AM 05/23/2023

Microsoft Security Copilot | Bing Chat | Microsoft 365 Copilot | Power Platform Copilot | Dynamics 365 Copilot | Windows Copilot

Microsoft runs on Azure AI

The potential of AI is clear...
the question is what will you build?

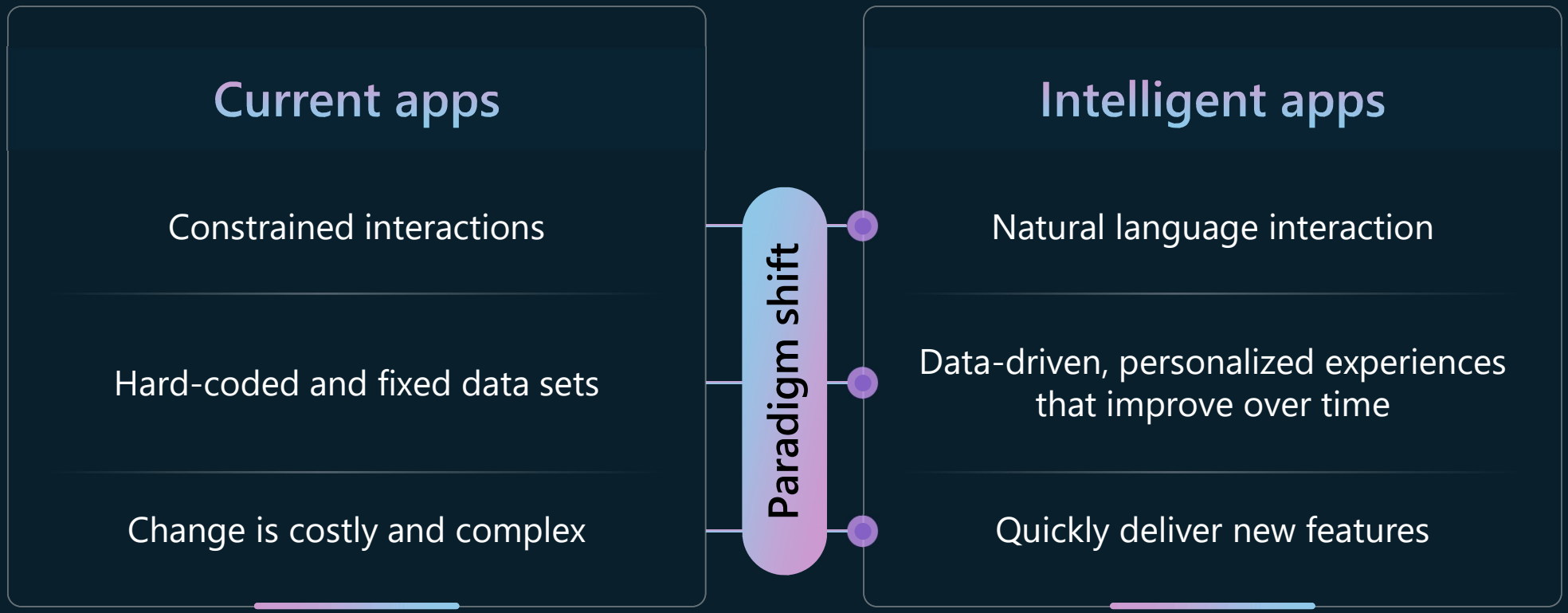
Power your AI transformation with the Microsoft Cloud

Amplify human ingenuity with a copilot for everyone

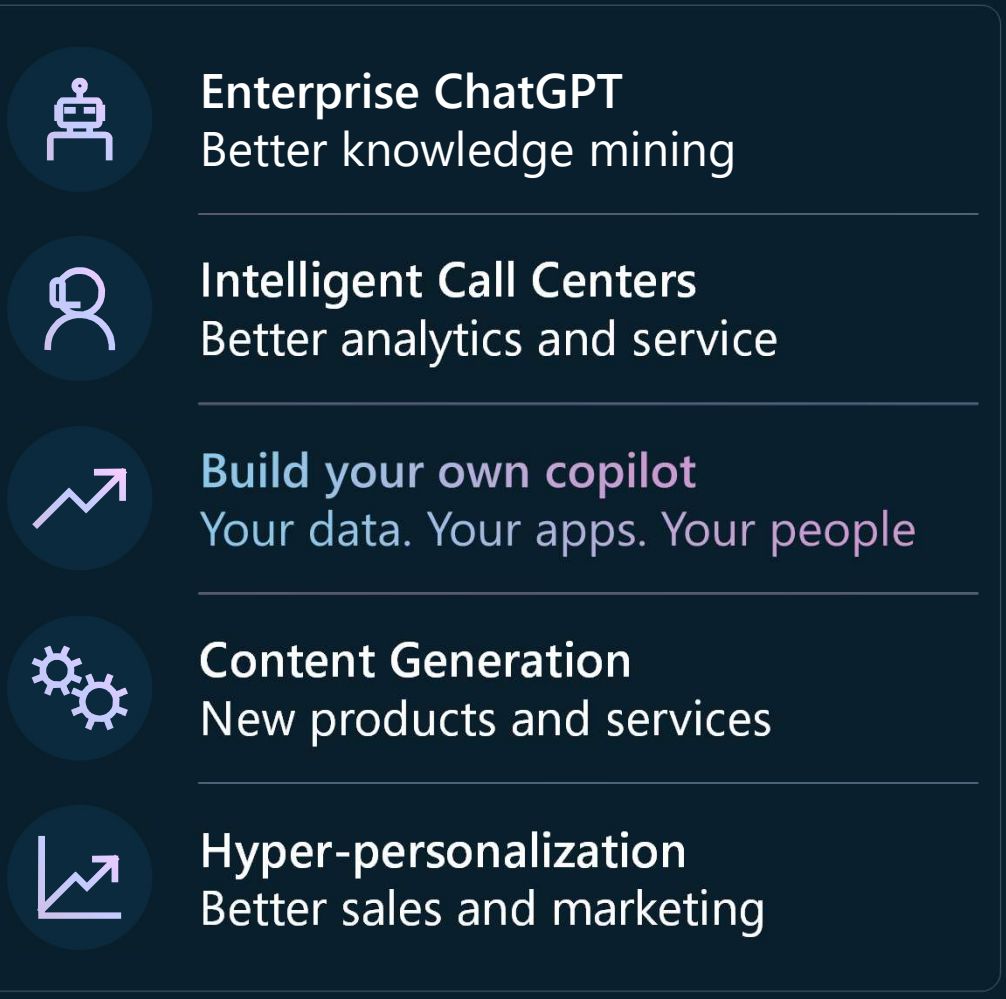
Deliver transformational experiences by building your own intelligent apps

Safeguard your business and data with the most trusted AI platform

Generative AI makes apps truly intelligent



Top use cases for Generative AI



Power your AI transformation with the Microsoft Cloud

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Microsoft's Responsible AI principles

Fairness

Reliability & Safety

Privacy & Security

Inclusiveness

Transparency

Accountability

Microsoft Cloud

AI you can trust

Your data is your data

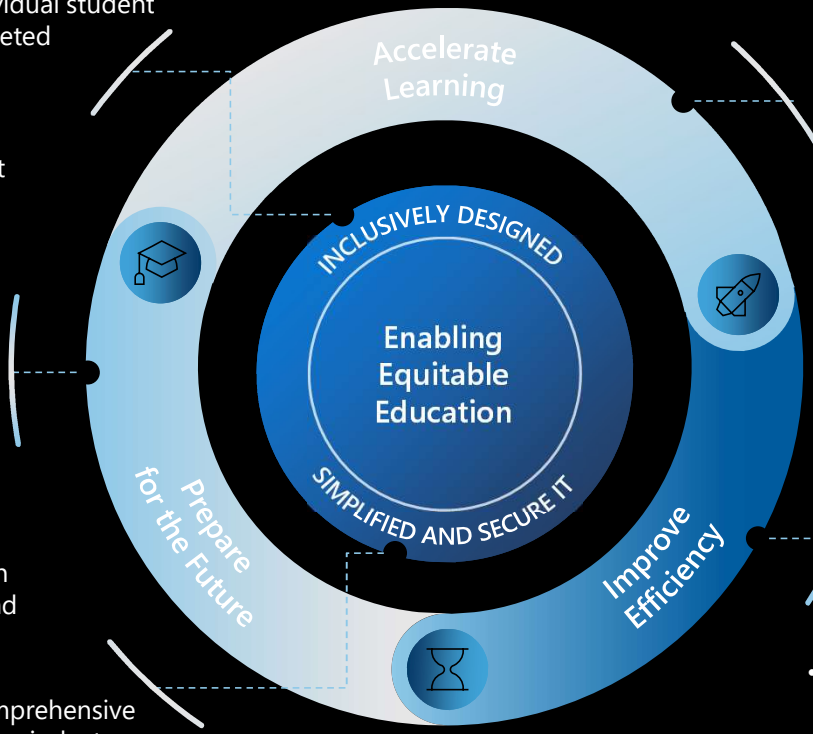
Your data is not used to train the OpenAI foundation models without permission

Your data is protected by the most comprehensive enterprise compliance and security controls

Education use cases

Opportunities for AI in Education

- **Personalize learning** based on individual student needs with tailored content and targeted coaching to support improvement
- **Improve accessibility** with translation, captioning, read-aloud, and voice input
- **Build AI literacy** among staff, educators, and students to encourage responsible usage and effectively advance learning
- **Equip students** with the skills they'll need to thrive in the future of work
- **Defend at machine speed** with gains in quality detection, speed of response, and ability to strengthen security posture
- **Protect your data** with the most comprehensive compliance and security controls in the industry



- **Engage learners** by providing interactive experiences, a jump-start to creative processes, and real-time feedback
- **Analyze data efficiently** by identifying patterns and making predictions from unstructured data across diverse sources of information
- **Create and customize content** for lesson plans, quizzes, rubrics and more for any topic, in any language, for any level
- **Enhance support services** with the ability to answer FAQs, recommend resources, and provide personalized information
- **Unlock productivity** and save staff time spent writing, searching, editing, and analyzing
- **Automate processes** for administrative or repetitive tasks such as managing IT helpdesk tickets, course scheduling, and more

Operate more efficiently

Challenge

- As costs goes up, institutions need to accomplish more while saving time and money. Meanwhile students and staff are overloaded and under resourced.

Solution

- Automate time consuming tasks with Power Apps and AI

Benefits

- Save time and money to reinvest in your mission and deliver better student experiences

Southern New Hampshire University | US

Challenge

The university had developed a variety of systems to manage the institution and deliver academic programs o its diverse student population. However, these systems had been built with different technologies and were maintained through different processes. Consequently, data was dispersed, and system access was inconsistent.

Solution

The SNHU team and Microsoft partner Innovative-e, successfully migrated its university-wide project management activities exclusively to Microsoft 365, making full use of Teams, Power Platform (Power Apps, Power Automate, and Power BI), and Project Online.

Benefits

Using tools like Power Platform, which enables simple drag-and-drop connectors with Power Automate, means vast time savings for organizations like SNHU.

"We'd recently established Office 365 and Microsoft as the choice for the university. From there, the ease of access to other tools was seamless. Because of the Microsoft ties and what we were already launching internally, it just made it an extremely easy transition and a very easy implementation as well."

– Kurt Mithoefer
Assistant Vice President of Planning and Value Creation, SNHU

RWTH Aachen University Germany

Challenge

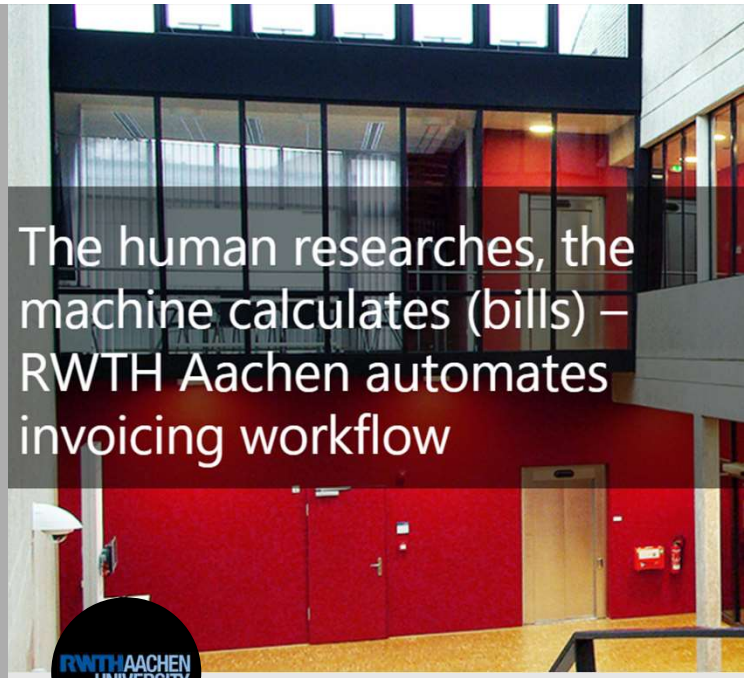
One invoice, many researchers. The university needed to direct invoices to where they would actually be paid.

Solution

An automated invoicing workflow for Microsoft Azure based on the cloud and on Dynamics 365 Business Central was ready for use after just three months. This has enabled the cloud to be rolled out for research projects all across campus.

Benefits

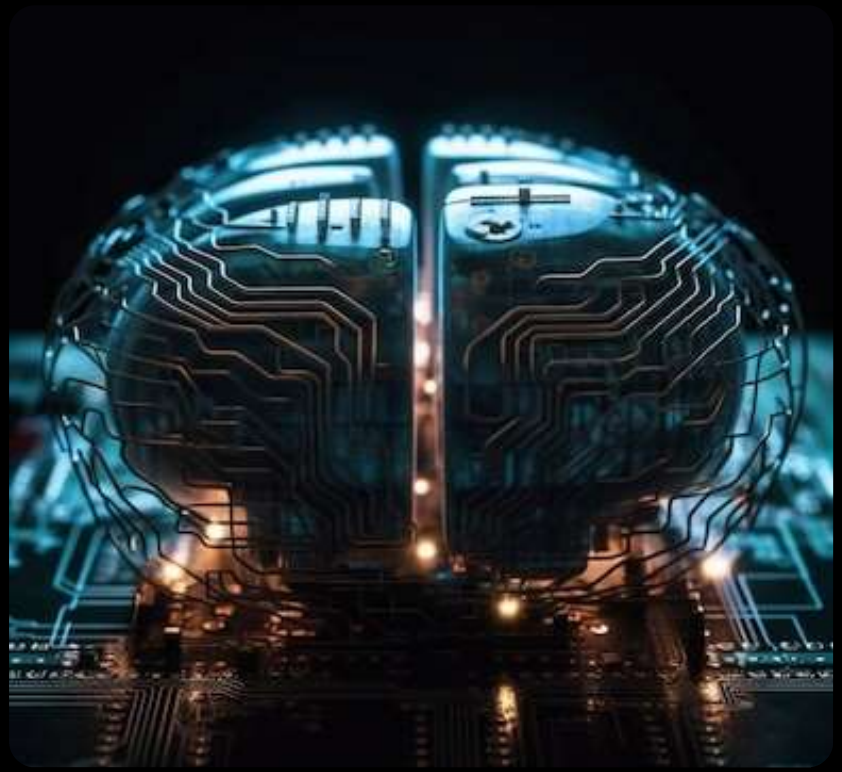
The new solution reduces administrative effort and saves time at the IT Center – time that can now be spent providing tailored advice on cloud-related matters.



Thanks to the automated invoicing workflow based on Microsoft Azure, invoicing now aligns with our internal processes. As a result, we can harness the full range of cloud technologies in all our research areas."

– Denise Dittrich
Assistant Head of Systems and Operations
IT Center RWTH Aachen

Innovate at speed and scale



Challenge

- Institutions are looking to harness the power of AI, but newer technical advances such as ChatGPT pose opportunities as well as risks

Solution

- Transform processes and tasks with Azure Open AI

Benefits

- Drive fundamental research and operational breakthroughs
- Responsible use of AI
- Your data is not used to train the OpenAI foundational models without your permission

Yale School of Medicine
US

Challenge

The Tietjen Lab at the Yale School of Medicine needed faster research processes and infrastructure to make the most of every organ donated.

Solution

The lab relies on Azure Functions to automate initial processes through event-driven serverless code. This allows for automatic processing of tissue data in a seamless and reliable fashion.

Benefits

With newfound efficiency, the lab can collaborate and make life saving decisions in real time, improving the viability of kidneys used in transplants and reducing organ waste.

We need partners that can help us build the infrastructure to go really fast so we can fully honor every donor organ. The partnership with Microsoft and Terawe has revolutionized our approach and our thinking."

– Dr. Greg Tietjen
Assistant Professor and Principal Investigator

New York City Public Schools US

Challenge

- How to embrace the potential of generative AI to support students and teachers in a responsible, safe, innovative way.

Solution

- As a first step, launched a chatbot that uses Microsoft AI technology to be the first point of contact with employees and families calling the IT Help Desk

Benefits

- Faster, personalized support

"We're thrilled to be working with Microsoft to develop a path forward and leverage AI tools to bring meaningful benefits to our schools. I'm encouraged by the initial success we're seeing and the opportunity we have to build on the enormous strides we've already taken with Azure."

– Zeeshan Anwar
Deputy Chief Information Officer of
New York City Public Schools

National Taiwan Normal University | Taiwan

Challenge

How to empower Taiwanese students to improve English-language speaking skills to excel in all areas of industry on a global level, using their Cool English English-language learning platform. NTNU needed something that could adjust its language based on each individual student's needs and English proficiencies.

Solution

Utilizing the Azure OpenAI Service advanced language model called Davinci and ChatGPT, NTNU built 10 educational "CoolE" bots for the Cool English platform, each with its own unique personality.

Benefits

The more realistic conversational practices foster more active learning, as opposed to passive methods like listening to movies or reading books in English.

Compared to other AI models that NTNU used previously, the Davinci model in Azure OpenAI Service produces significantly more inviting and approachable responses.

NTNU helps K-12 students master English faster with innovative learning platform powered by Azure OpenAI Service

By utilizing the advanced language models in Azure OpenAI Service, Cool English is taking an innovative step for English education in Taiwan, helping students reach their learning goals and overcome the challenges of limited opportunities for real-life conversational and writing practice.

– Dr. Hao-Jan Howard Chen
Professor, Department of English
National Taiwan Normal University

AI will reinvent every industry

Characteristics of companies that win

Leader-led transformation

Maximized use of data

Willingness to change

How you can get started today

Try Microsoft's copilots in action

Get copilot-ready with Microsoft 365

Ensure an AI-ready data foundation

Build your own AI-powered copilot

The opportunity is yours to

lead the AI transformation

Thank you