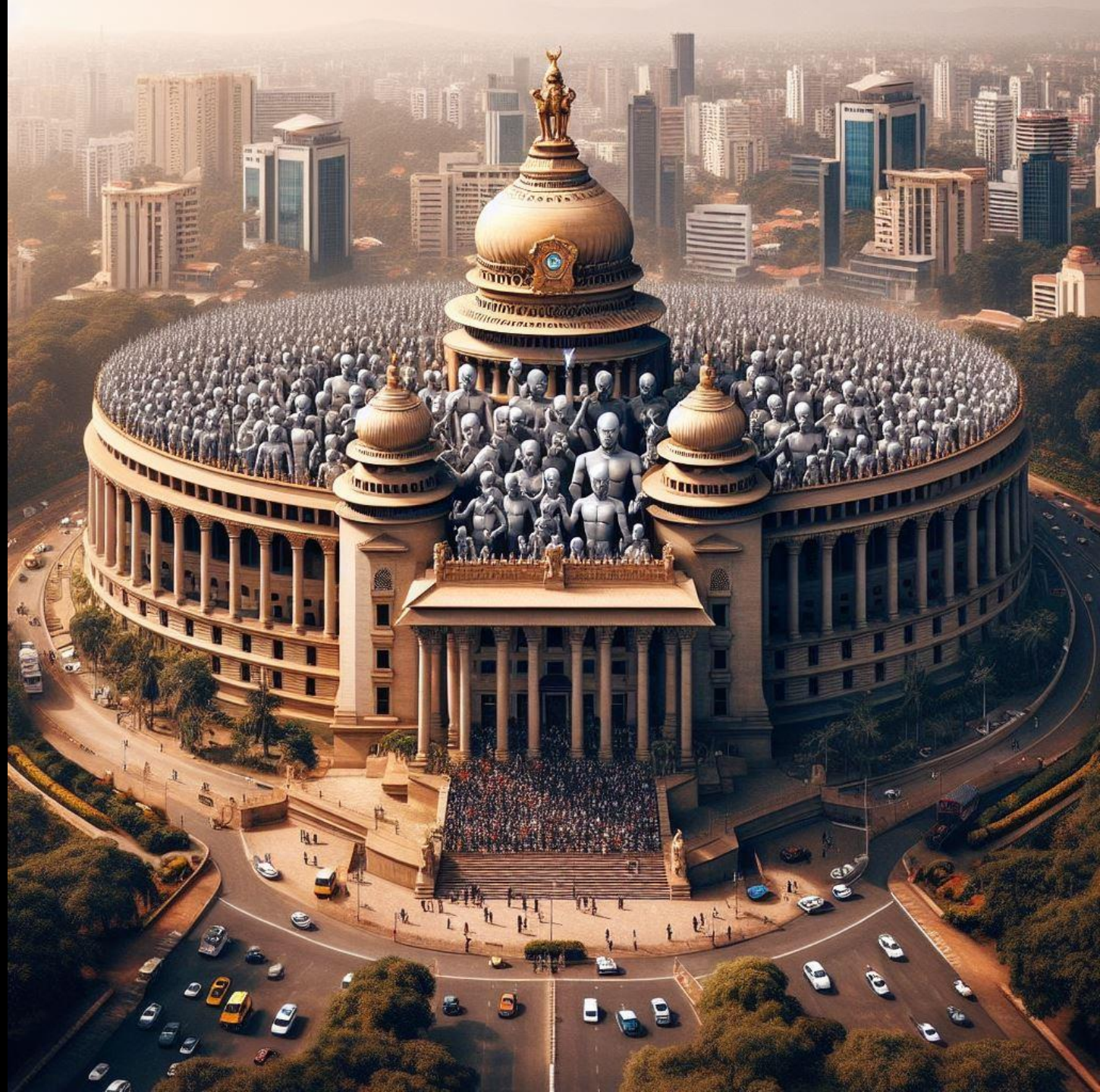


# Future-Proof Yourself in the Generative AI Era

Aroh Shukla  
Microsoft MVP Alumni,  
Microsoft MCT

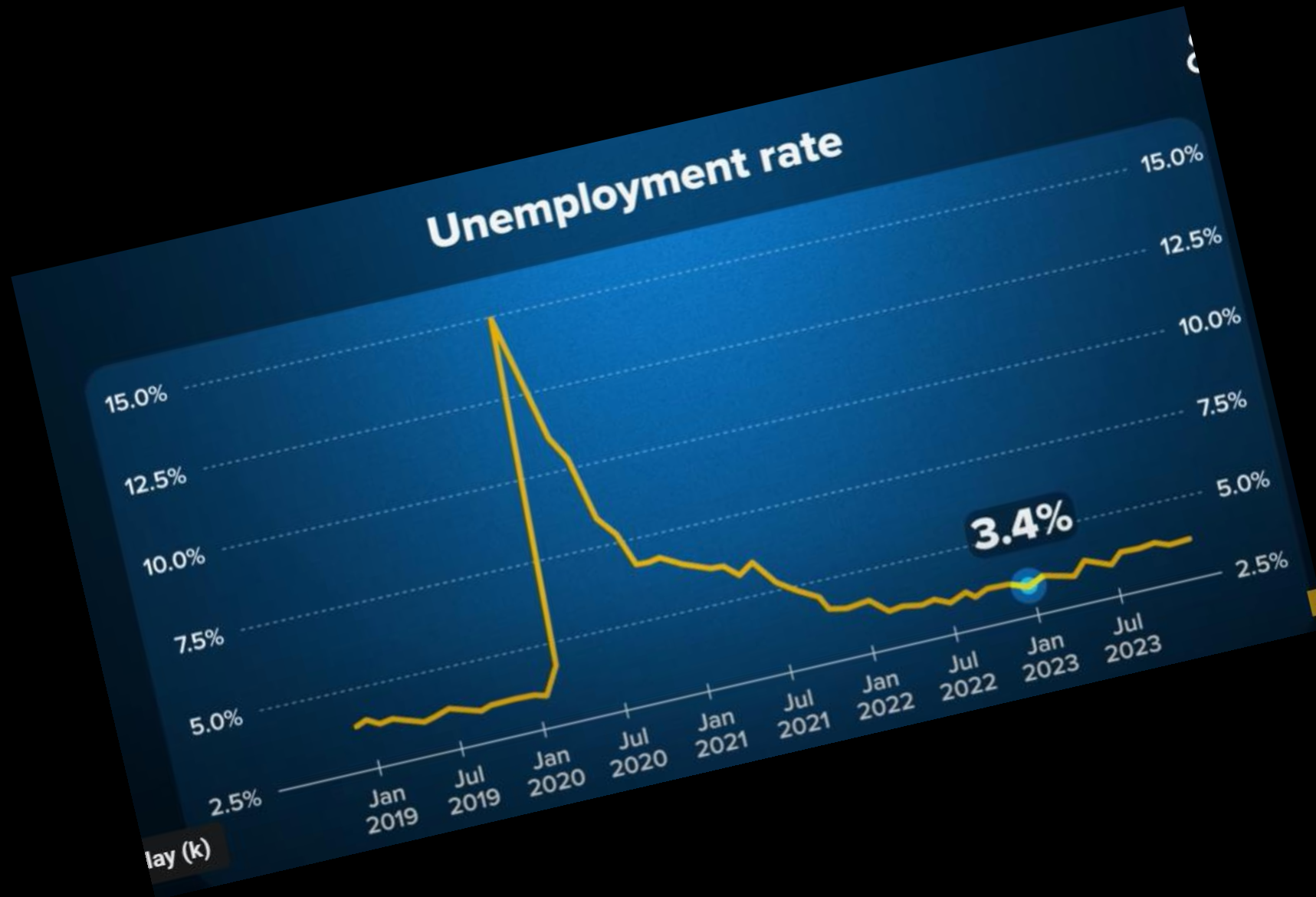


# AGENDA – Business Side of Gen AI & Jobs

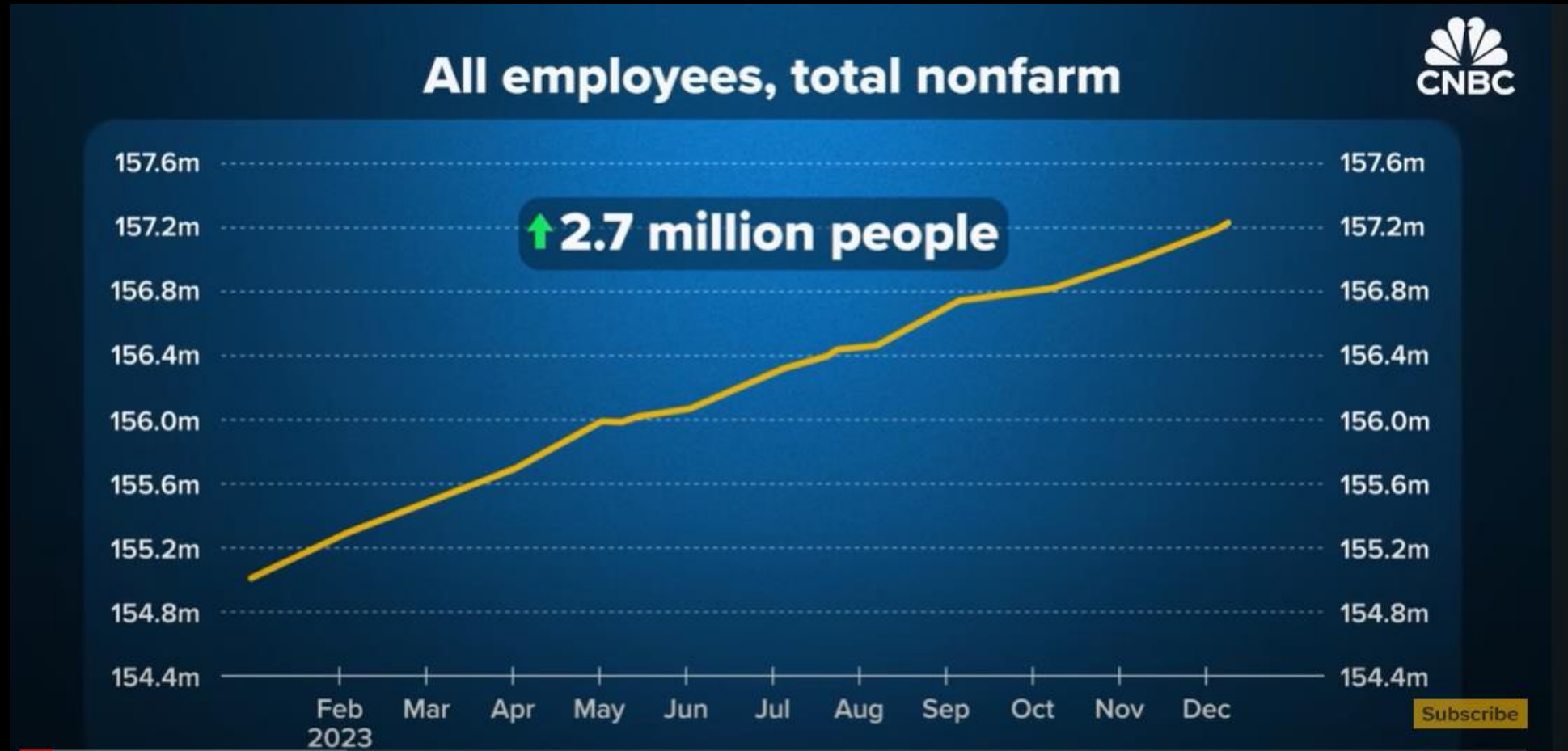
1. Current Job Market Situation (2023-2024)
2. Jobs Impacted
3. Layoffs Trends
4. Generative AI on the Workforce
5. Future-Proofing Your Career



# Current Job Market Situation (2023-2024)



# Current Job Market Situation (2023-2024)



# Current Job Market Situation (2023-2024)



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By Jeff Cox • February 2, 2024

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**U.S. economy added 353,000 jobs in January, much better than expected**



**Why it feels so hard  
to get a job right now**

# Jobs Impacted

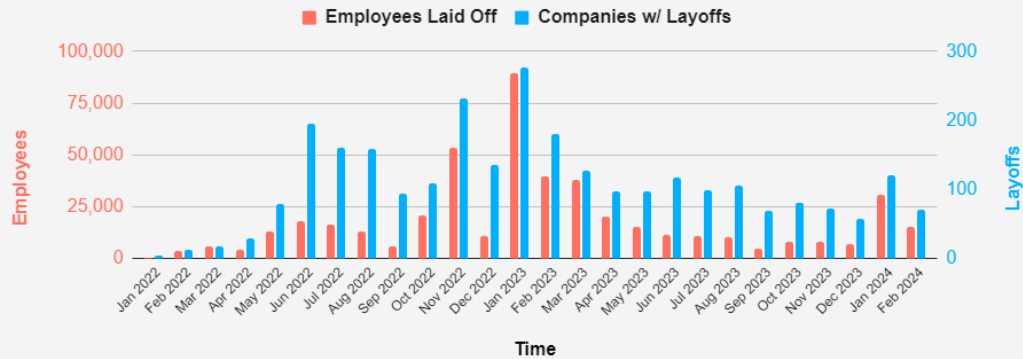
1. Administrative
2. Coding
3. Customer service
4. Legal
5. Teachers
6. Legal
7. Finance
8. Engineering
9. Human Resources



# Layoffs Trend

Tech layoffs in 2022-2024

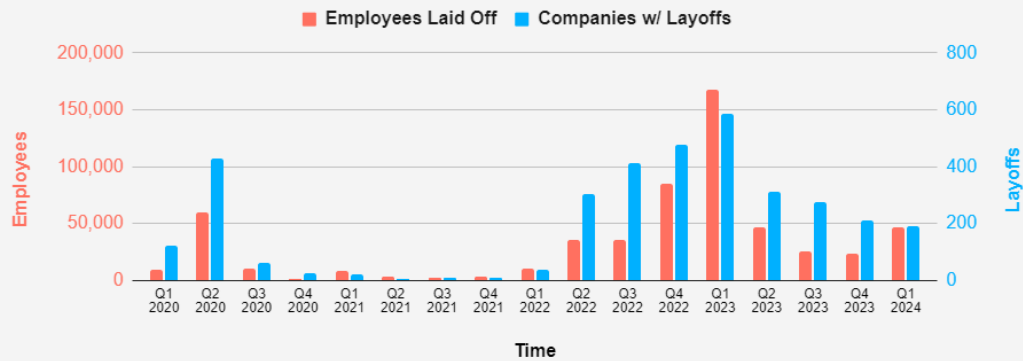
Source: <https://layoffs.fyi>



URL: <https://layoffs.fyi/>

Tech layoffs since COVID-19

Source: <https://layoffs.fyi>



Tech layoffs by industry

Source: <https://layoffs.fyi>

2024 2023 2022



# Layoffs Trend 2024

30K cuts by Feb 24

- Citibank – 20K (by 2026)
- Cisco – 4,250
- Nike – 2% of its global work force
- Swiggy – 400 jobs
- SpiceJet – 1,400
- Paramount – 800
- Snapchat – 500
- Grammarly – 230
- Paypal – 2,500
- Pixar – 300 and manu etc

# Why?

1. COVID-19
2. Tech Companies hired more with zero Interest rate
3. Recession / inflation
4. FED Interest rate increased
5. Companies need to lean & with AI focus



# Copilot in Power Apps

Generally available

The screenshot displays the Power Apps web interface. The top navigation bar includes the 'Power Apps' logo, a search bar, and environment information ('Environment: Contoso Project - 23'). A left-hand sidebar lists navigation options: Home, Create, Learn, Apps, Tables, Flows, Solutions, and More. The main content area features a large banner with the heading 'Let's build an app. What should it do?'. Below this heading are four buttons: 'Collect RSVPs', 'Track sales leads', 'List inventory', and 'Manage inspections'. A text input field prompts the user to 'Use everyday words to describe what your app should collect, track, list, or manage ...'. A toggle switch on the right of the banner is labeled 'Try the new Power Apps'. Below the banner, a section titled 'Other ways to create an app' offers three options: 'Start with data', 'Start with a page design', and 'Start with an app template'. At the bottom, a 'Your apps' section contains a table listing existing applications.

Power Apps

Search

Environment: Contoso Project - 23

This is a developer environment and not meant for production use. [Learn more](#)

Try the new Power Apps

## Let's build an app. What should it do?

Collect RSVPs Track sales leads List inventory Manage inspections

Use everyday words to describe what your app should collect, track, list, or manage ...

This AI-powered feature is in preview. [See terms](#)

### Other ways to create an app

In this environment: 3 users (CQ, KK, MA)

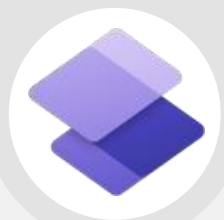
- Start with data**  
Create a table, pick an existing one, or even import from Excel to create an app.
- Start with a page design**  
Select from a list of different designs and layouts to get your app going.
- Start with an app template**  
Select from a list of fully-functional business app templates. Use as-is or customize to suit your needs.

### Your apps

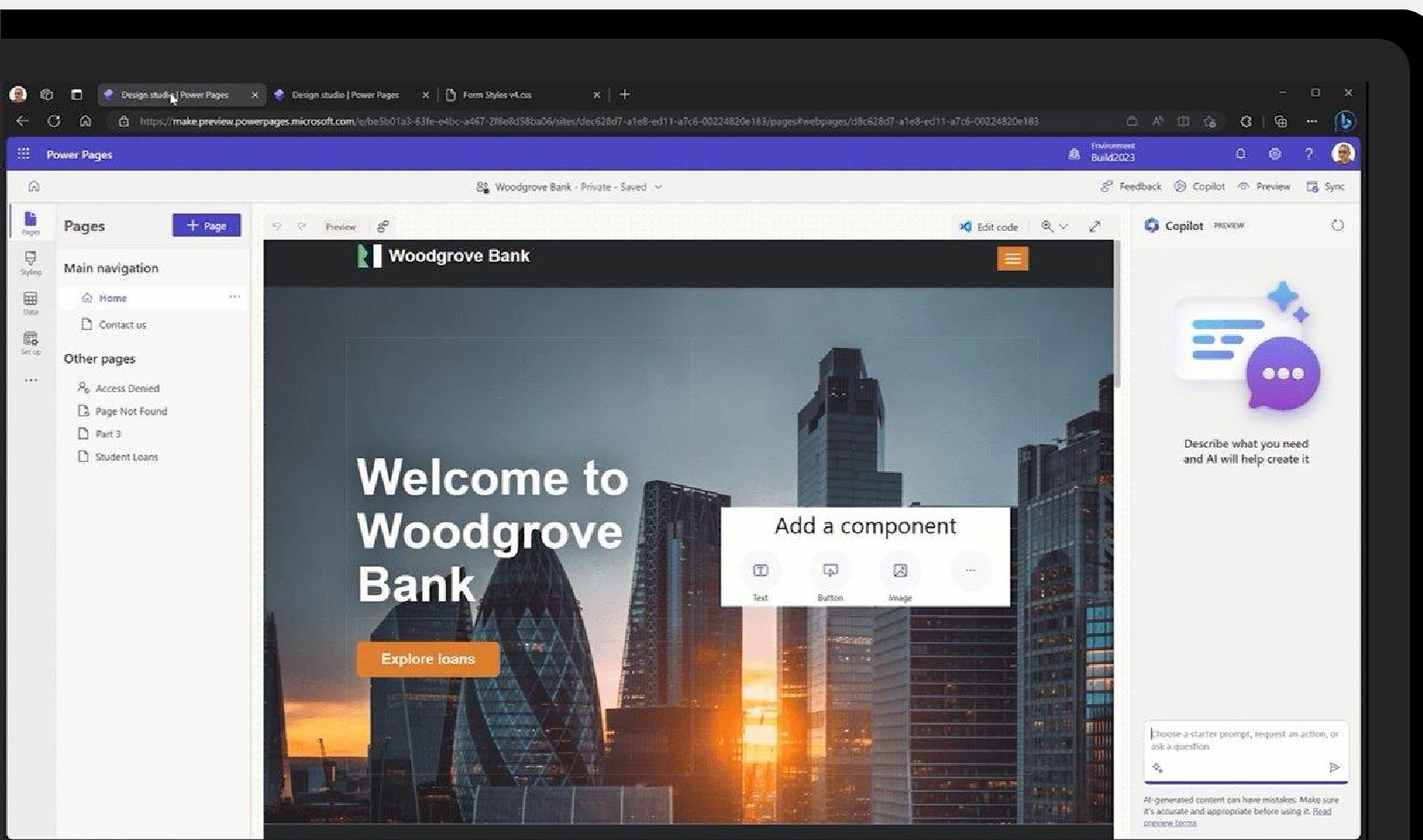
Name	Modified ↓	Owner	Type
Bank Support Tickets - copilot - ben	37 minutes ago	Cherie Quek	Canvas
Bank Support Tickets	18 hours ago	Cherie Quek	Canvas
Bank Support Tickets - copilot	18 hours ago	Cherie Quek	Canvas

Ask a virtual agent

Public preview

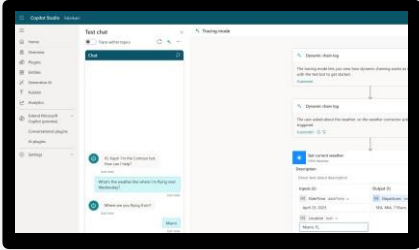


# Copilot in Power Pages

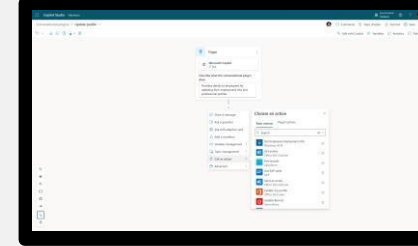




# What's in Copilot Studio?



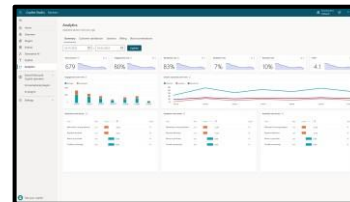
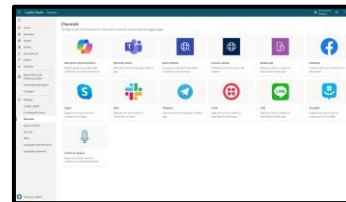
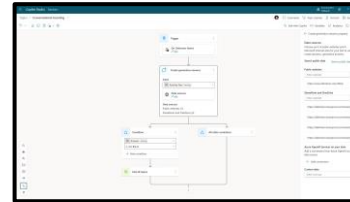
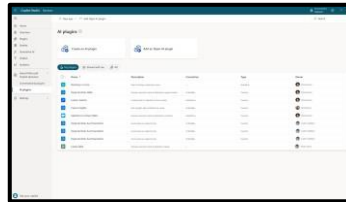
## Workspaces



## Copilot building studio

Use the **new studio** to create, test and deploy conversational copilots.

Including **advanced capabilities** of Azure copilot Framework natively in Copilot Studio.



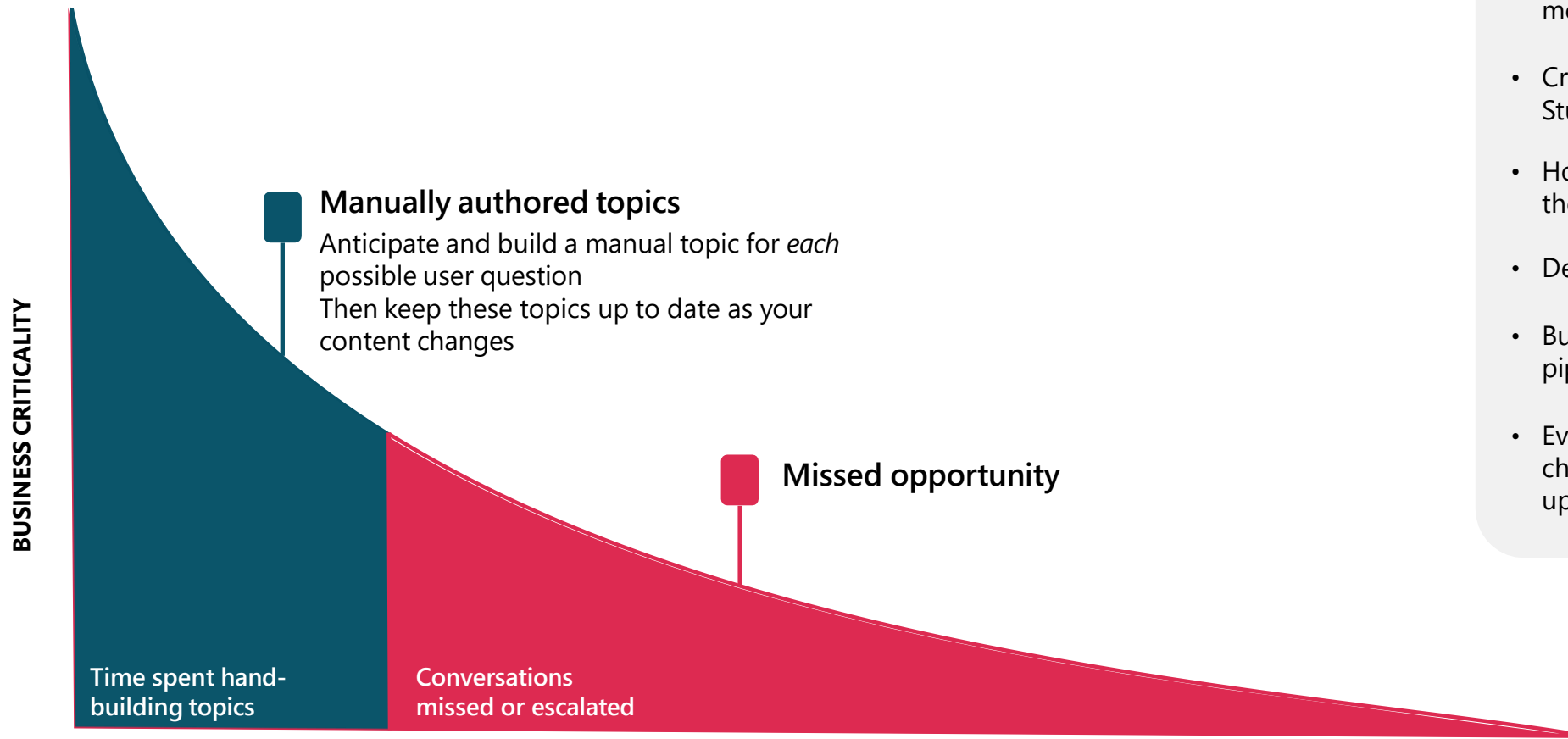
## Automation Studio

Drive action in **built in automation**. Use over 1000+ prebuilt and custom data connectors and digital process automation into your conversation flow.

## Admin Studio

Deploy copilots securely using **central administration**, built security roles, and simple management across environments to maintain compliance and governance.

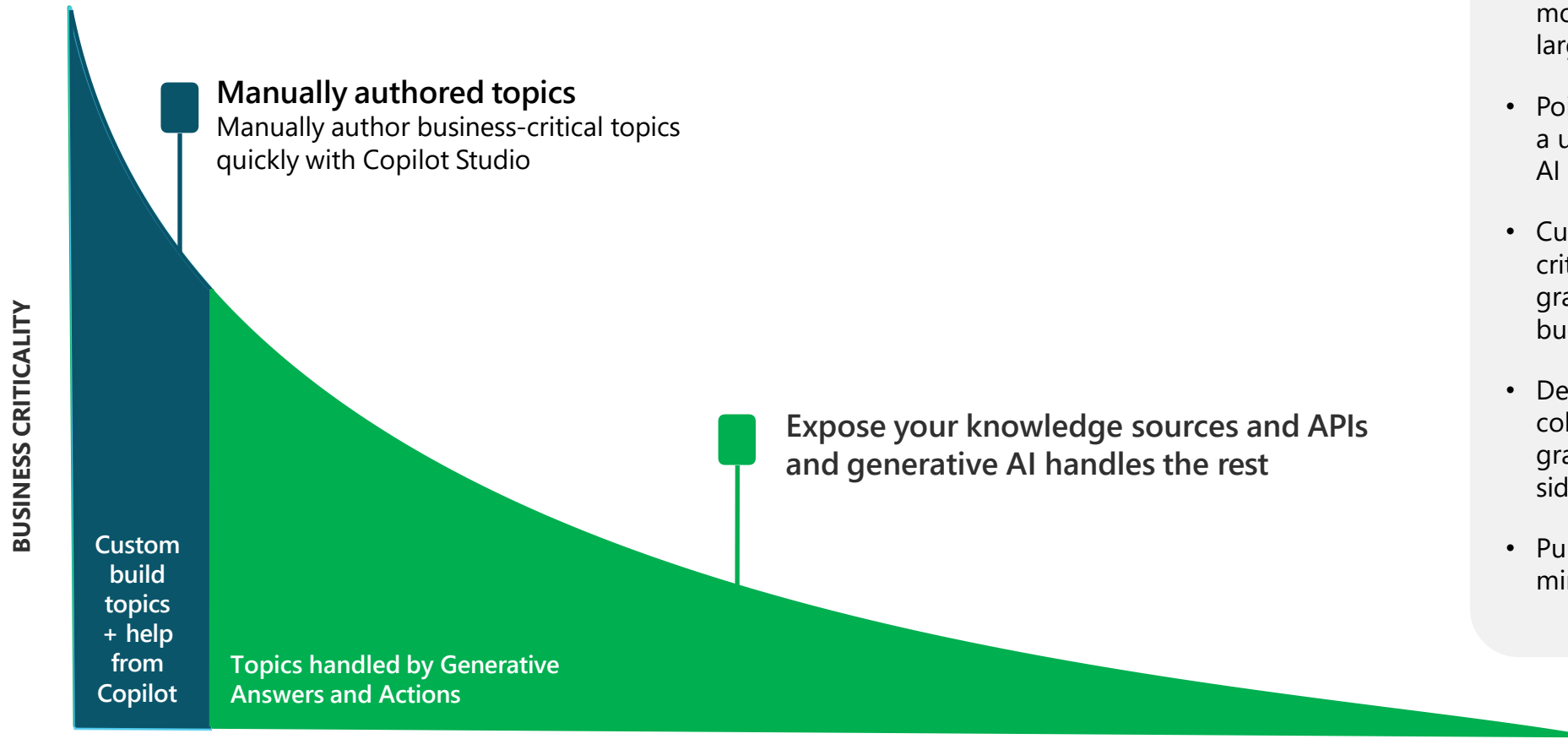
# Generative AI is changing building



## Traditional (e.g. Azure)

- Create Azure tenant and infra
- Annotate thousands of utterances and conversations to build a custom NL model
- Create topics in code using Visual Studio and BF SDK
- Host Azure Bot Service and instantiate the appropriate channel
- Deploy your copilot to the service
- Build your own custom analytics pipeline
- Every time your knowledge content changes (e.g. different hours) go and update the copilot in code

# Generative AI is changing building



## Copilot Studio with Generative AI

- Full E2E SaaS – no infra to host or manage
- No explicit NL training or custom model required, comes with powerful large language model
- Point to a knowledge sources and have a useful bot in minutes with Generative AI
- Customize your copilot with business-critical topics using easy to use graphical interface and 1000s of pre-built connectors, or call custom APIs
- Developers, low-code users can collaborate inside the same canvas with graphical multi-authoring and code side-by-side
- Publish to the channel of your choice in minutes with a few clicks

# Copilots in M365



## Microsoft 365 Chat

Combine the power of AI with your work data to unlock productivity and uplevel skills.



## Copilot in Teams

Have more effective meetings, easily catch up on chats, and find information faster.



## Copilot in Outlook

Start emails quickly, generate a summary, and catch up on long emails easily.



## Copilot in Word

Start a draft, add to an existing document, rewrite text, or generate a summary.



## Copilot in PowerPoint

Create beautiful presentations, organize and summarize presentations, and more.



## Copilot in Excel

Go deeper with data, identify insights, generate formulas, and more.



## Copilot in OneNote

Summarize your notes, create a to-do list, design a plan, and more.



## Copilot in Loop

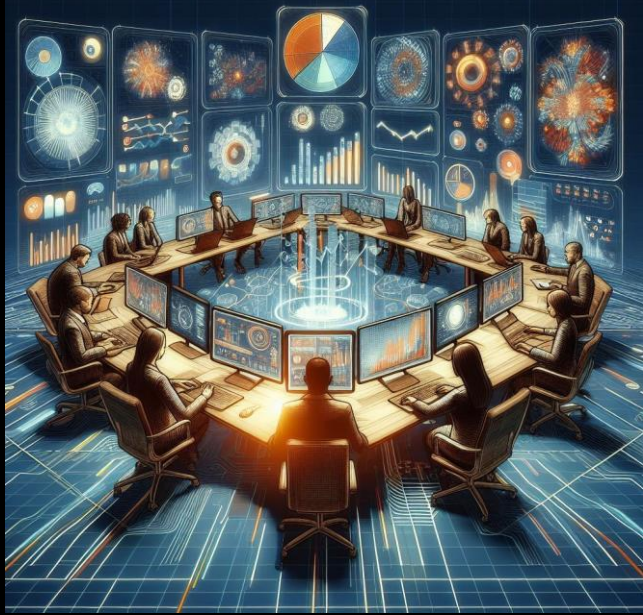
Plan, brainstorm, create, and collaborate easier to stay in sync.



## Copilot in Whiteboard

Creating, organizing, and understanding ideas has never been easier.





# Step 1: How to get started with Gen AI

- Free Courses by 3 cloud providers
- Microsoft: [Microsoft Azure AI Fundamentals: Generative AI - Training | Microsoft Learn](#)
- Google: [What is generative AI and what are its applications? | Google Cloud](#)
- AWS: [Generative AI – Innovate Faster with Foundation Models - AWS \(amazon.com\)](#)



## Step 2: Get Understanding Basics of AI

- Coursera
- [AI For Everyone | Coursera](#) By Andrew Ng (AI Godfather)
- [Generative AI for Everyone - Introduction to Generative AI - Week 1 | Coursera](#) By Andrew Ng
- [Generative AI with Large Language Models | Coursera](#)
- [ChatGPT Prompt Engineering for Developers \(coursera.org\)](#) By Andrew Ng
- [LangChain Chat with Your Data - Project Overview - Week 1 | Coursera](#)



# Step 3: Getting Started with Python

## YouTube Videos

- [Python Tutorial - Python Full Course for Beginners \(youtube.com\)](#) 37M videos
- [Learn Python - Full Course for Beginners \[Tutorial\] \(youtube.com\)](#) 43M views

## Udemy

- [Course: Python for Beginners: Learn Python Programming \(Python 3\) | Udemy](#)
- [Course: Machine Learning, Data Science and Generative AI with Python | Udemy](#) (Gen AI with Projects)



## Step 4: Microsoft AI Certifications

### **AI-900**

- [Exam AI-900: Microsoft Azure AI Fundamentals - Certifications | Microsoft Learn](#)
- Udemy Course  
[AI-900 Azure AI Fundamentals Exam Prep In One Day - OCT 2023 | Udemy](#)

### **AI-102**

- [Collections | Microsoft Learn](#)
- Udemy Course  
[AI-102 Microsoft Azure AI Solution Complete Exam Prep | Udemy](#)





## Step 5: MOST IMPORANT SLIDE

