Future-Proof Yourself in the Generative AI Era

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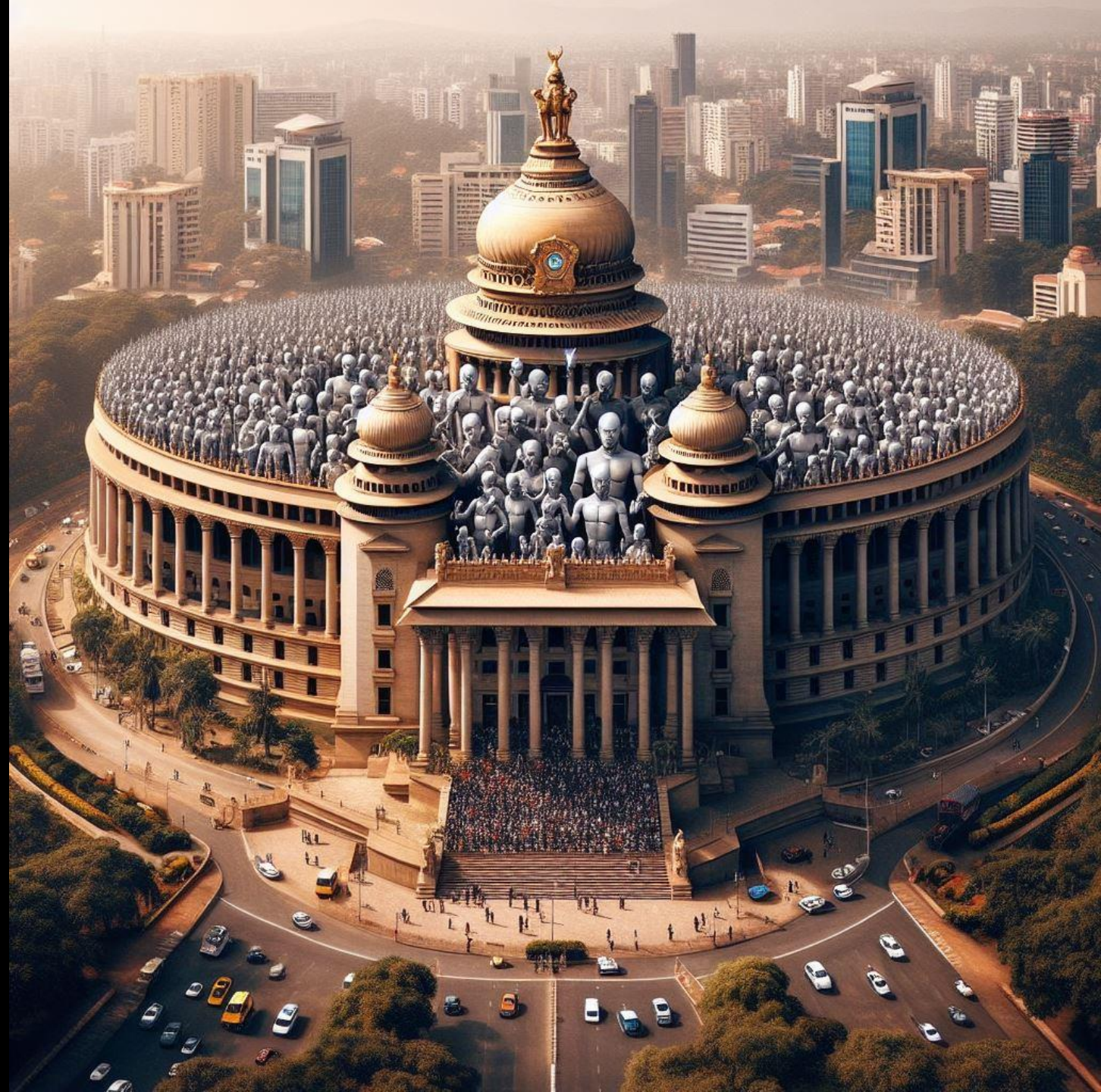
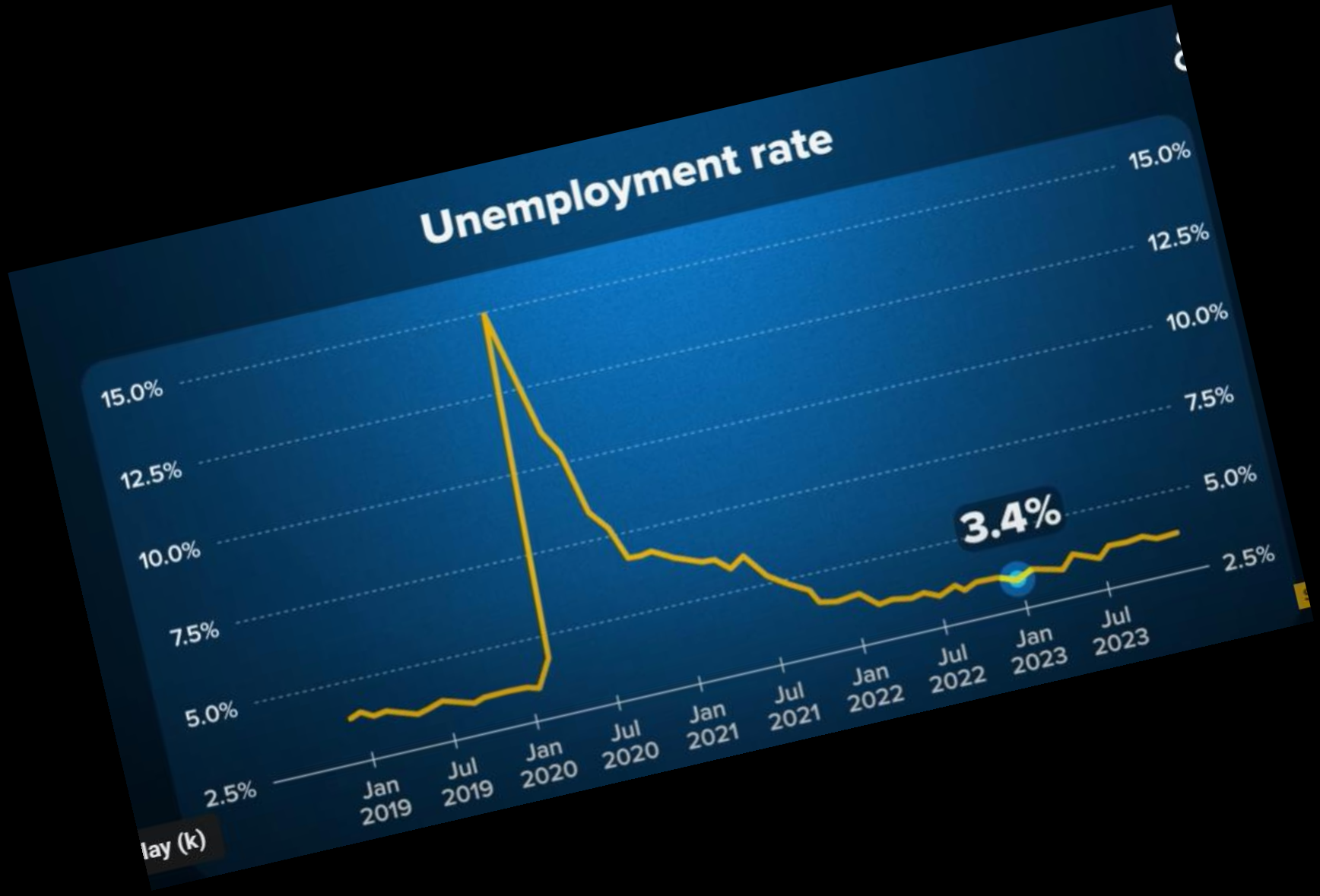
Microsoft MCT



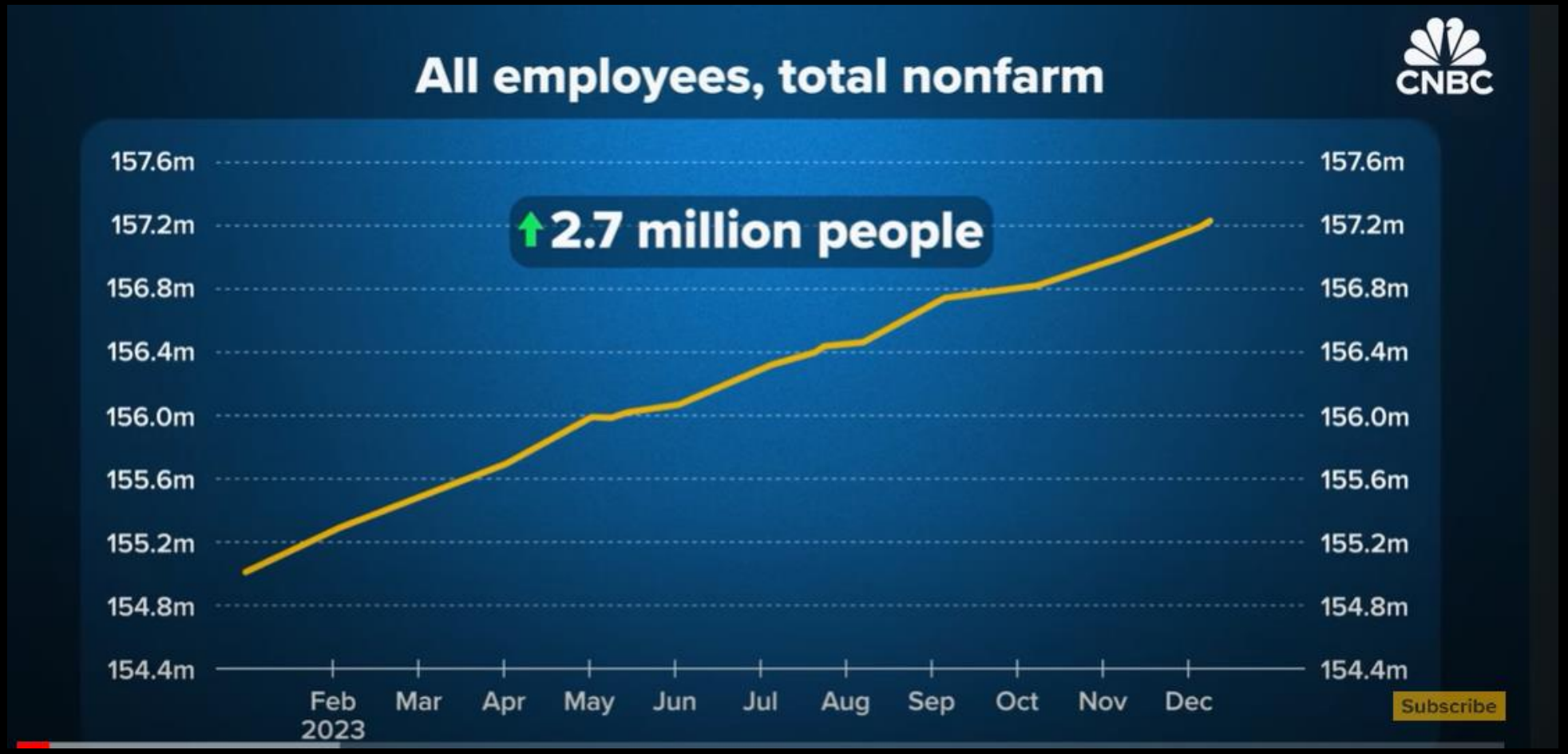
AGENDA – Business Side of Gen AI & Jobs

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)



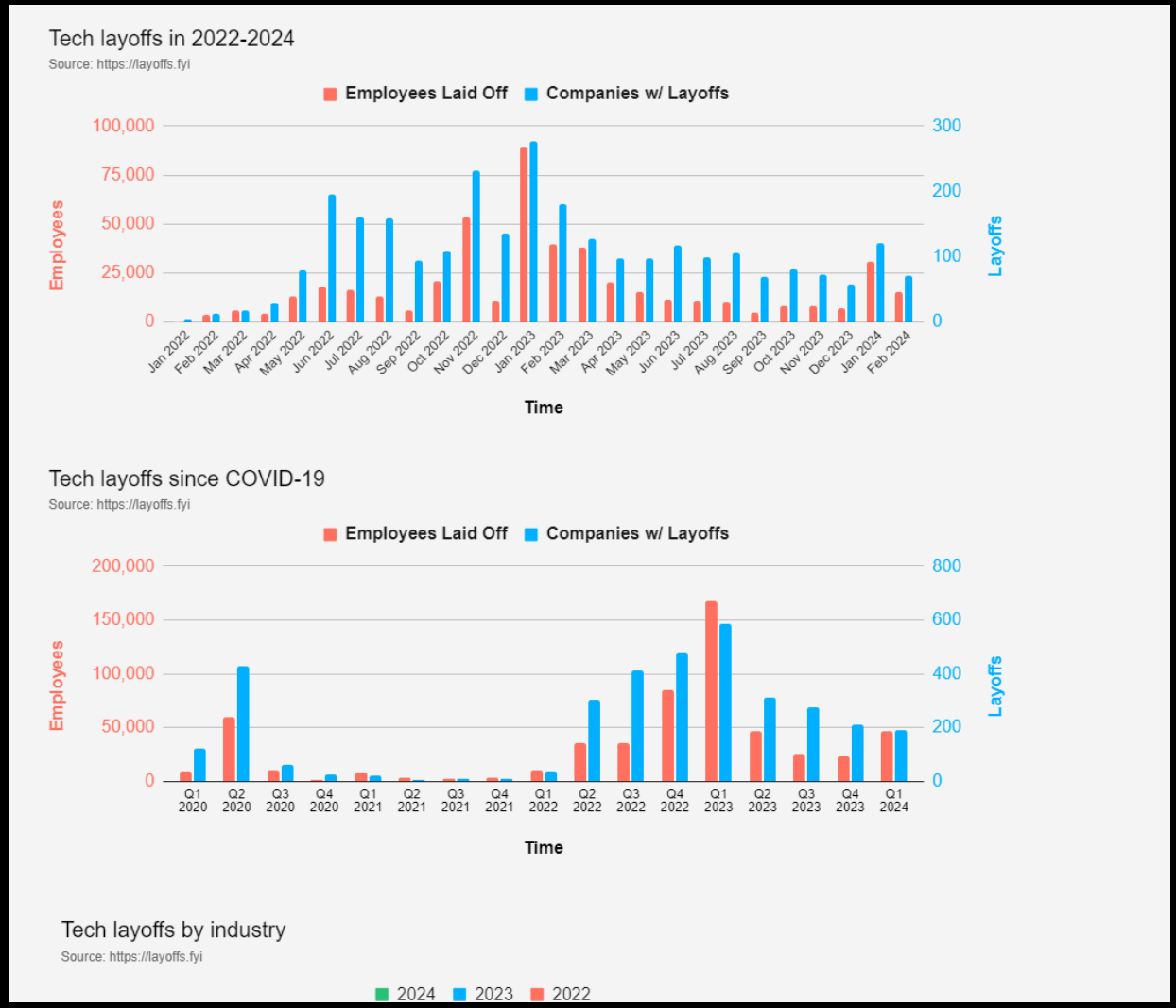
Current Job Market Situation (2023-2024)

CNBC
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



URL: https://layoffs.fyi/

Layoffs Trend 2024

30K cuts by Feb 24

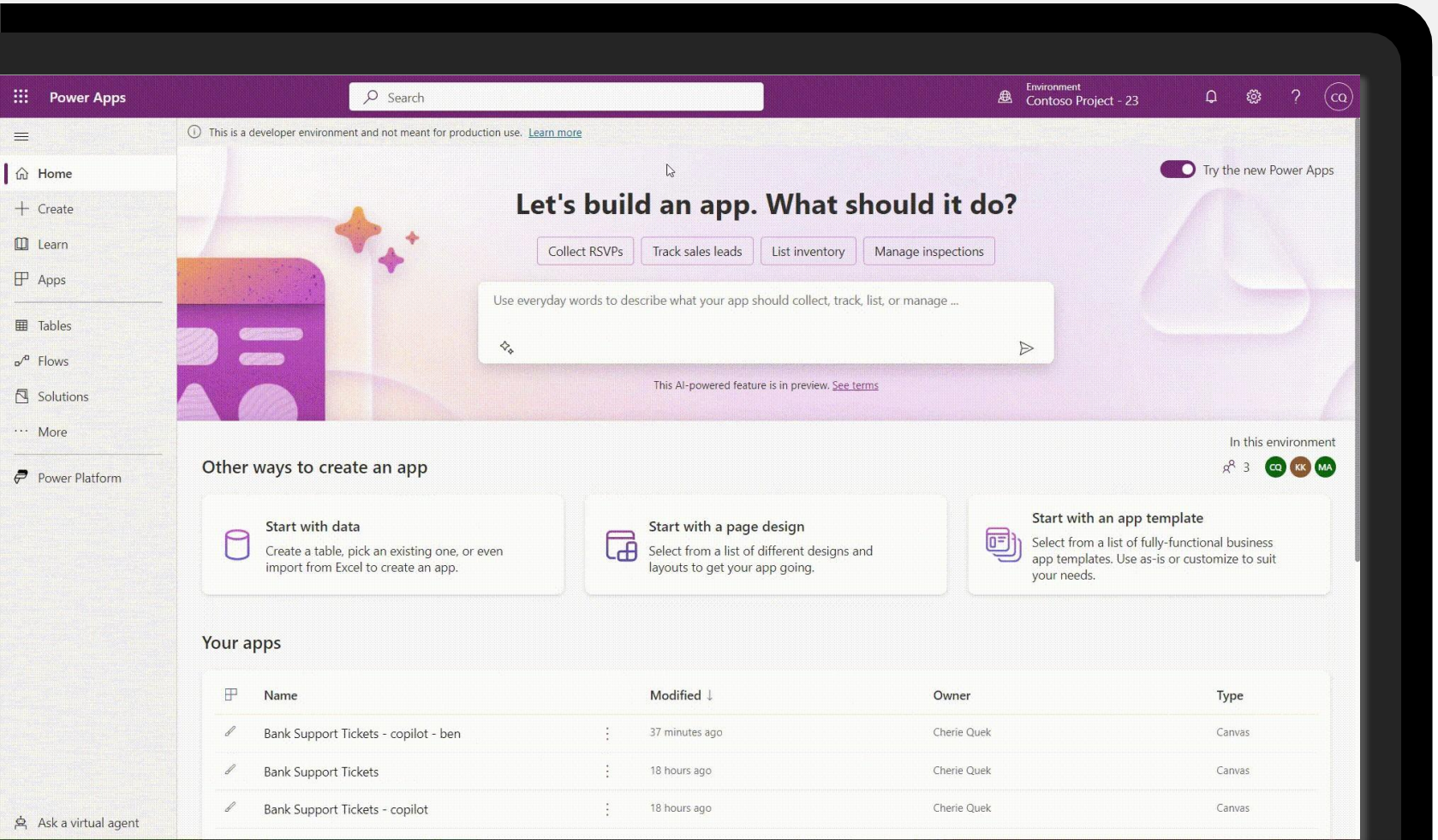
- Citibank – 20K (by 2026)
- Cisco – 4,250
- Nike – 2% of its global work force
- Swiggy – 400 jobs
- SpiceJet – 1,400
- Paramount – 800
- Snapchat – 500
- Grammarly – 230
- Paypal – 2,500
- Pixar – 300 and manu etc

Why?

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

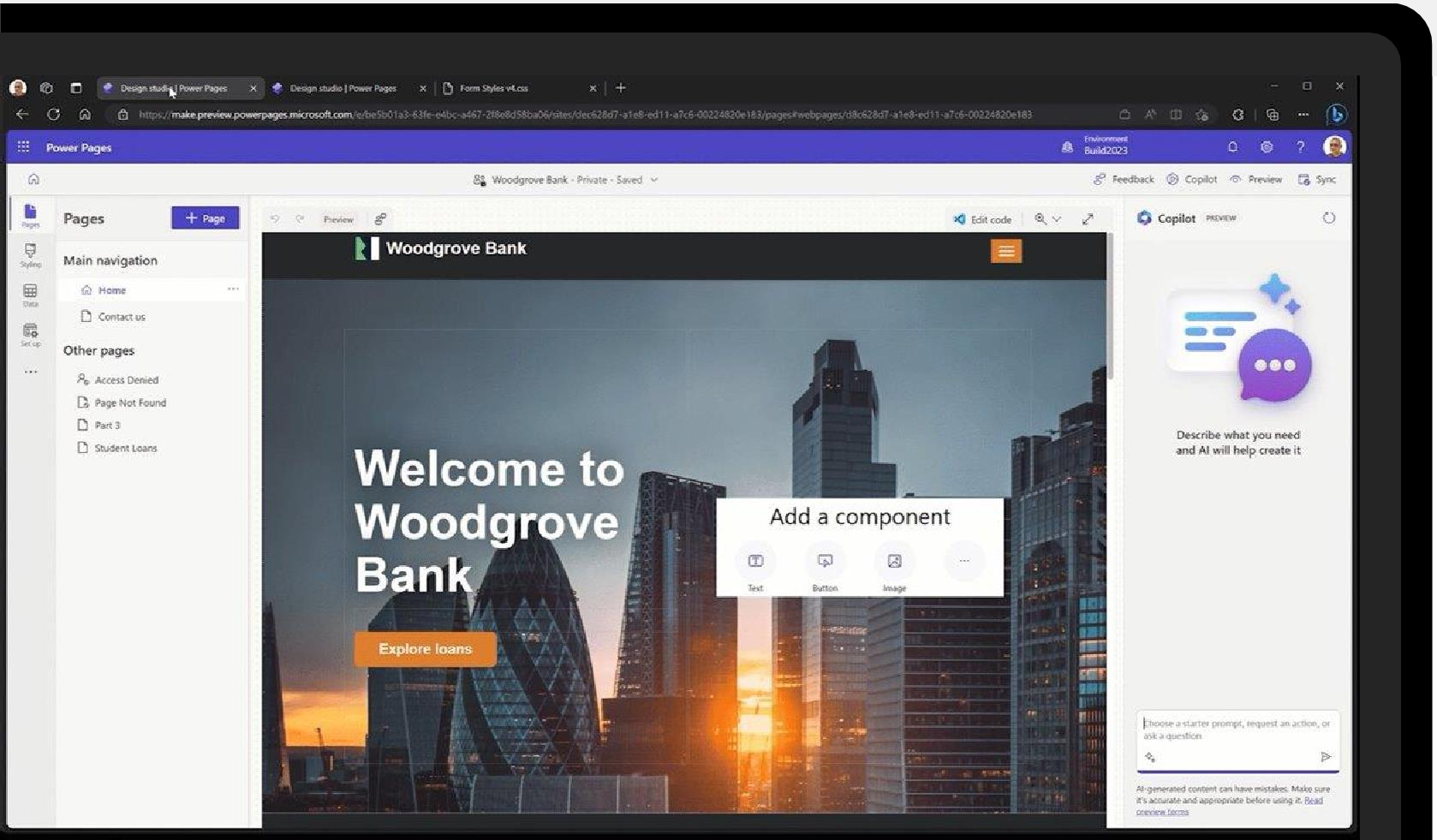
Generally available

Copilot in Power Apps

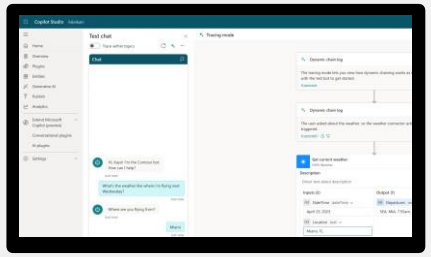


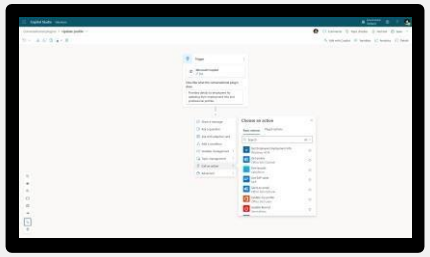
Public preview

Copilot in Power Pages



What's in Copilot Studio?



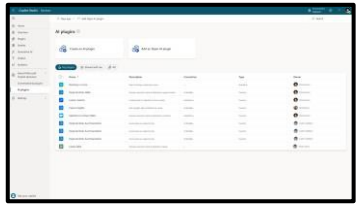


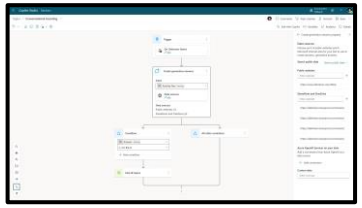
Copilot building studio

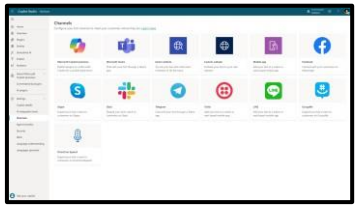
Use the **new studio** to create, test and deploy conversational copilots.

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

Workspaces







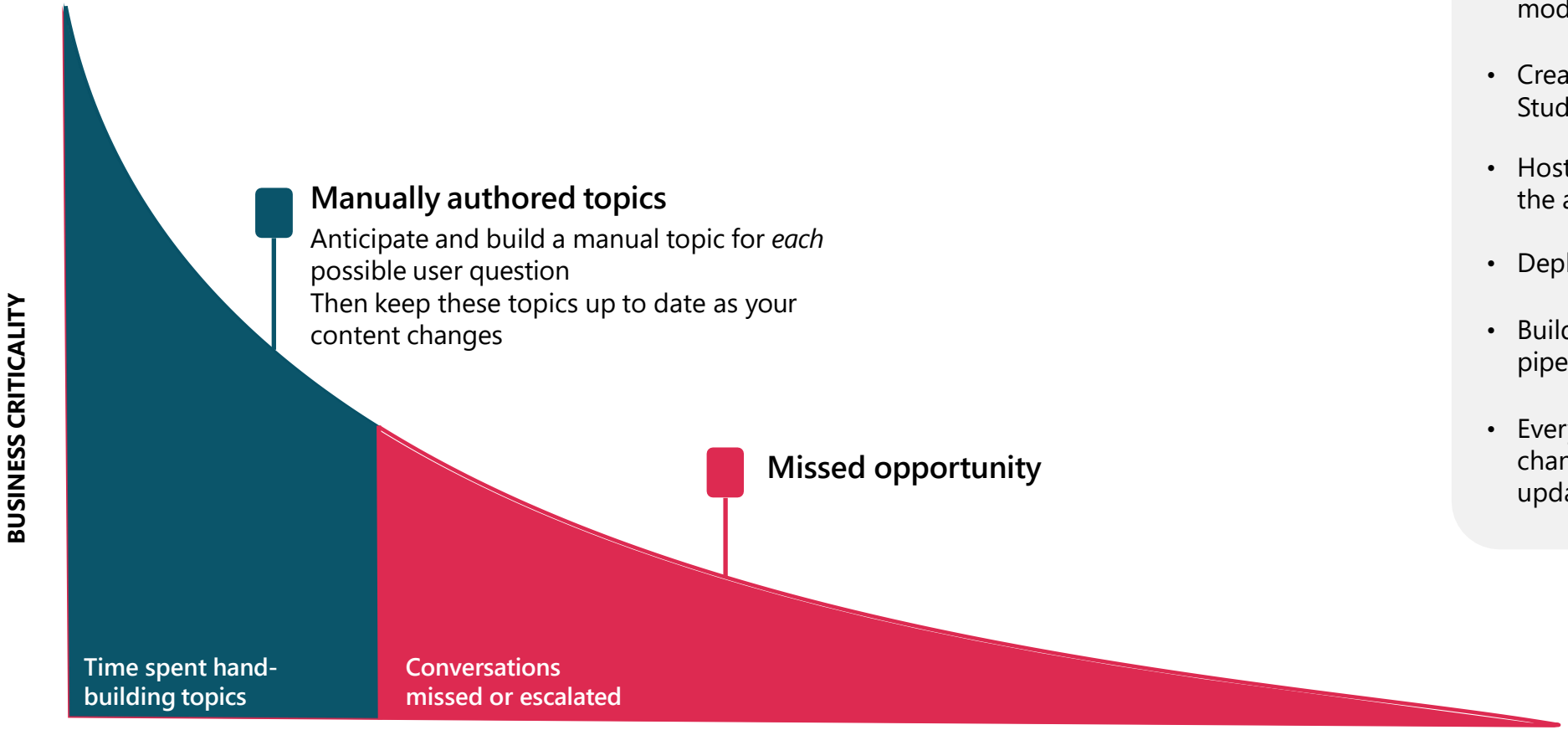
Automation Studio

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

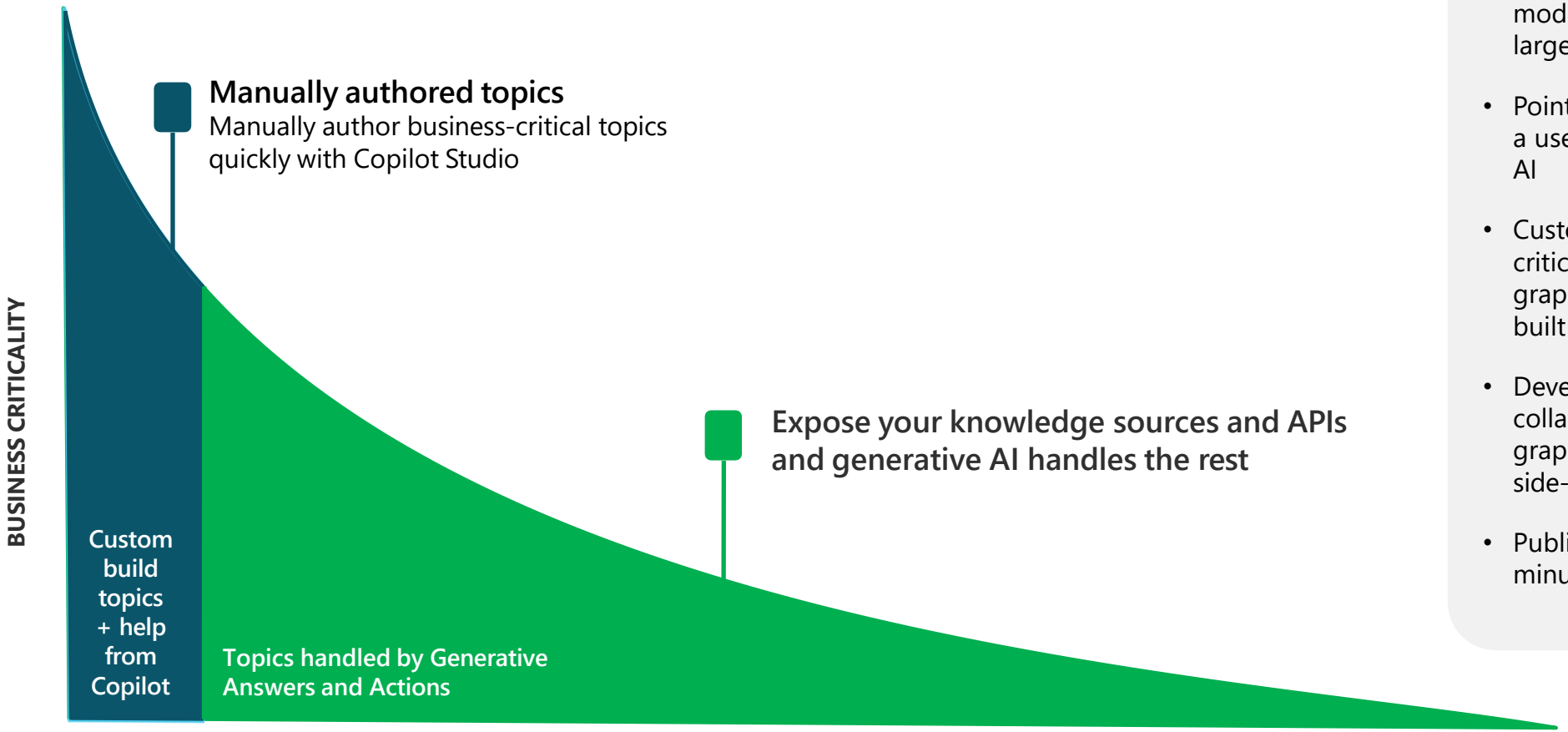
Generative AI is changing building



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

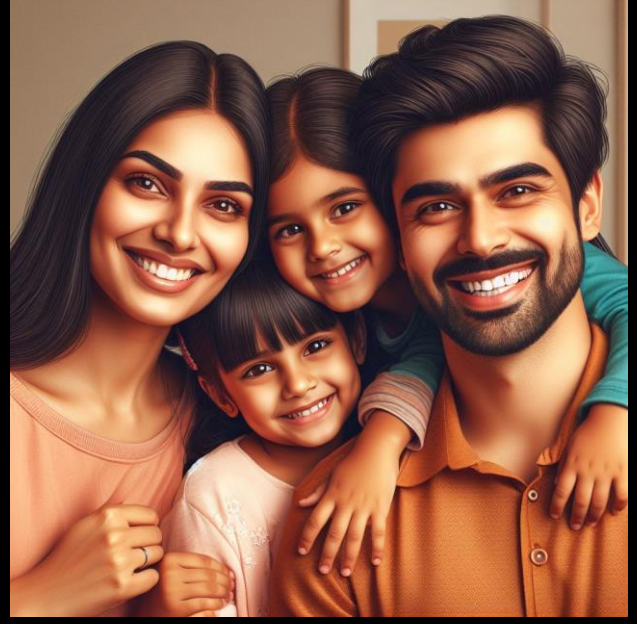
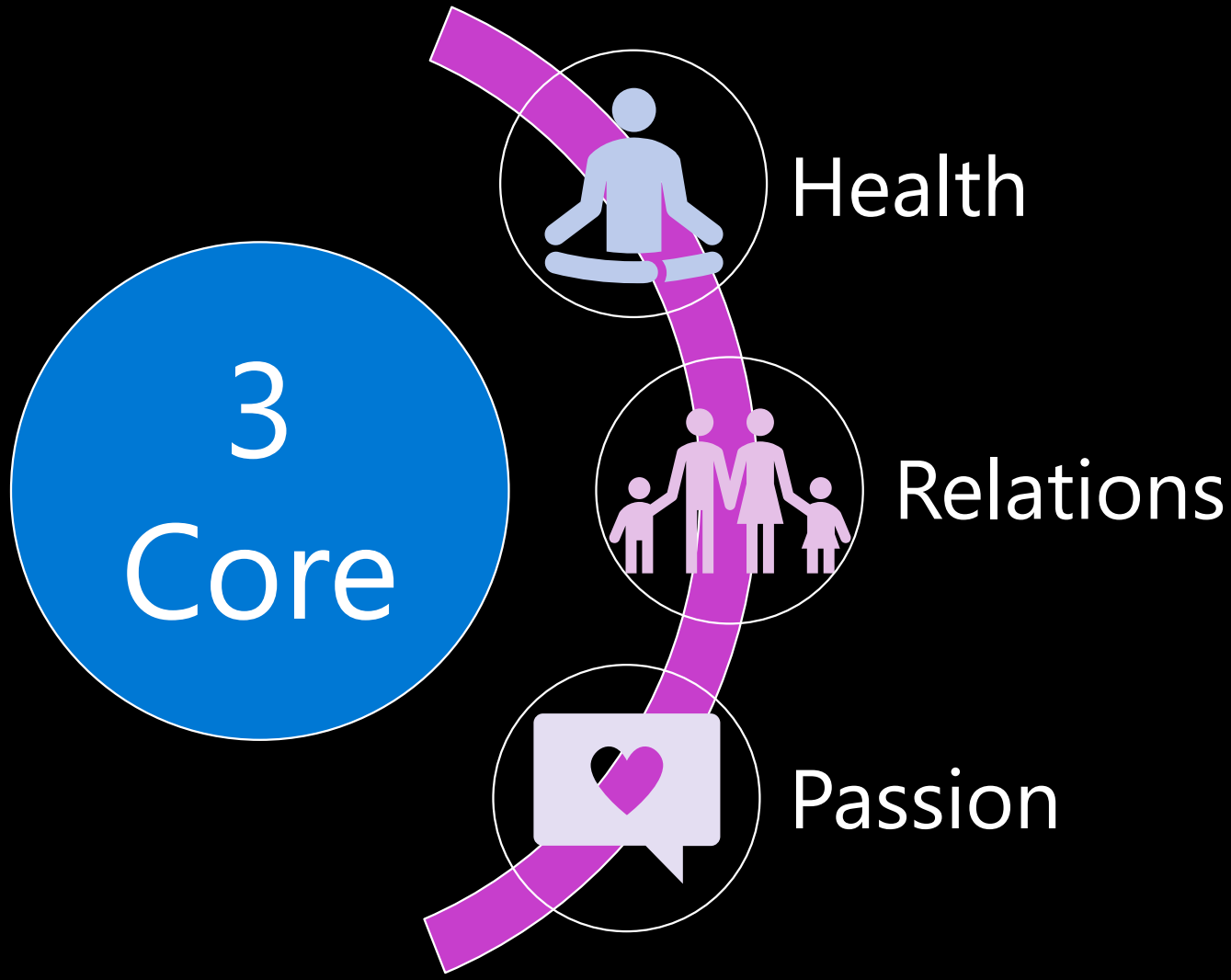
- Exam AI-900: Microsoft Azure AI Fundamentals - Certifications | Microsoft Learn

- 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