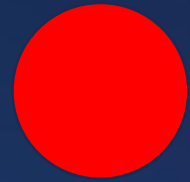


INTEGRATING **AI** INTO **EUROPEAN** WORKPLACES



Prof. Alexiei Dingli

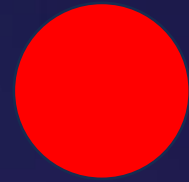
GLOBAL CHALLENGES



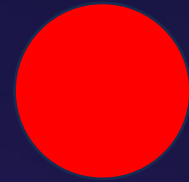
Global
Recession
2010



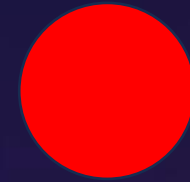
Global
Pandemic



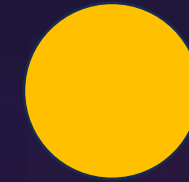
Logistics
Nightmare



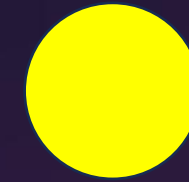
Electronics
Shortage 1



Global
Conflicts



Climate
Change



Electronics
Shortage 2



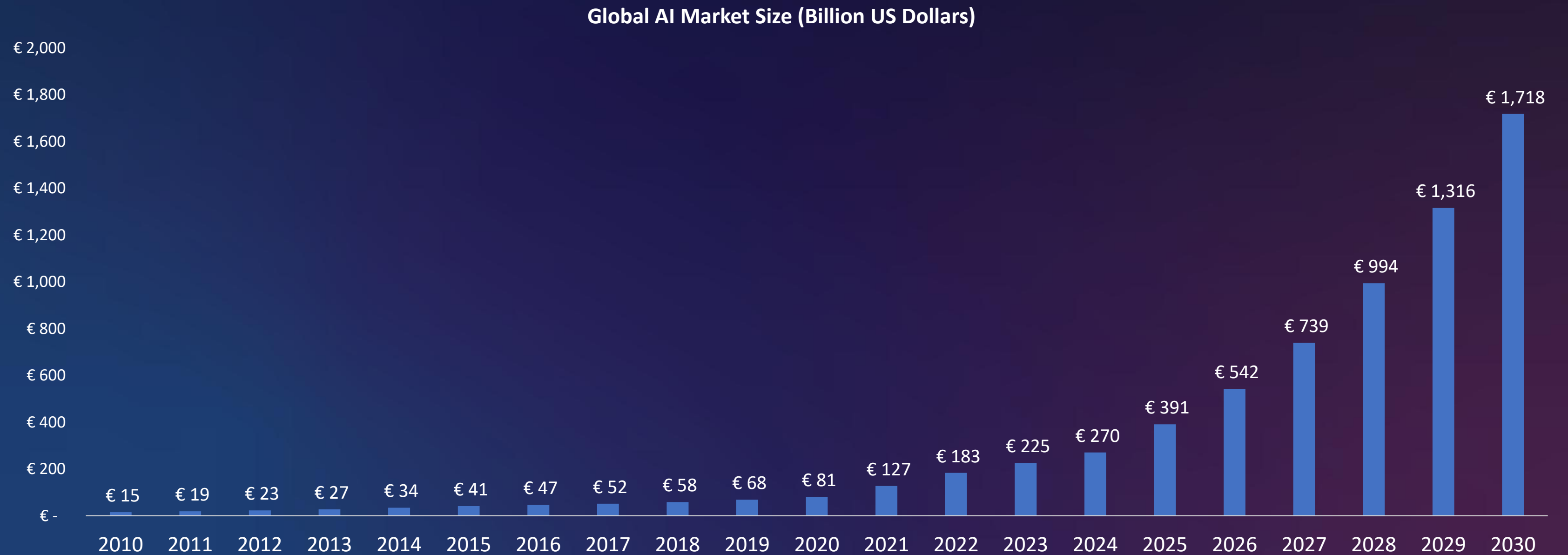
Talent
Shortage
2030

“We cannot solve our problems
with the thinking we used
to create them.”

Albert Einstein



NEW SOLUTIONS



STRIKING A BALANCE



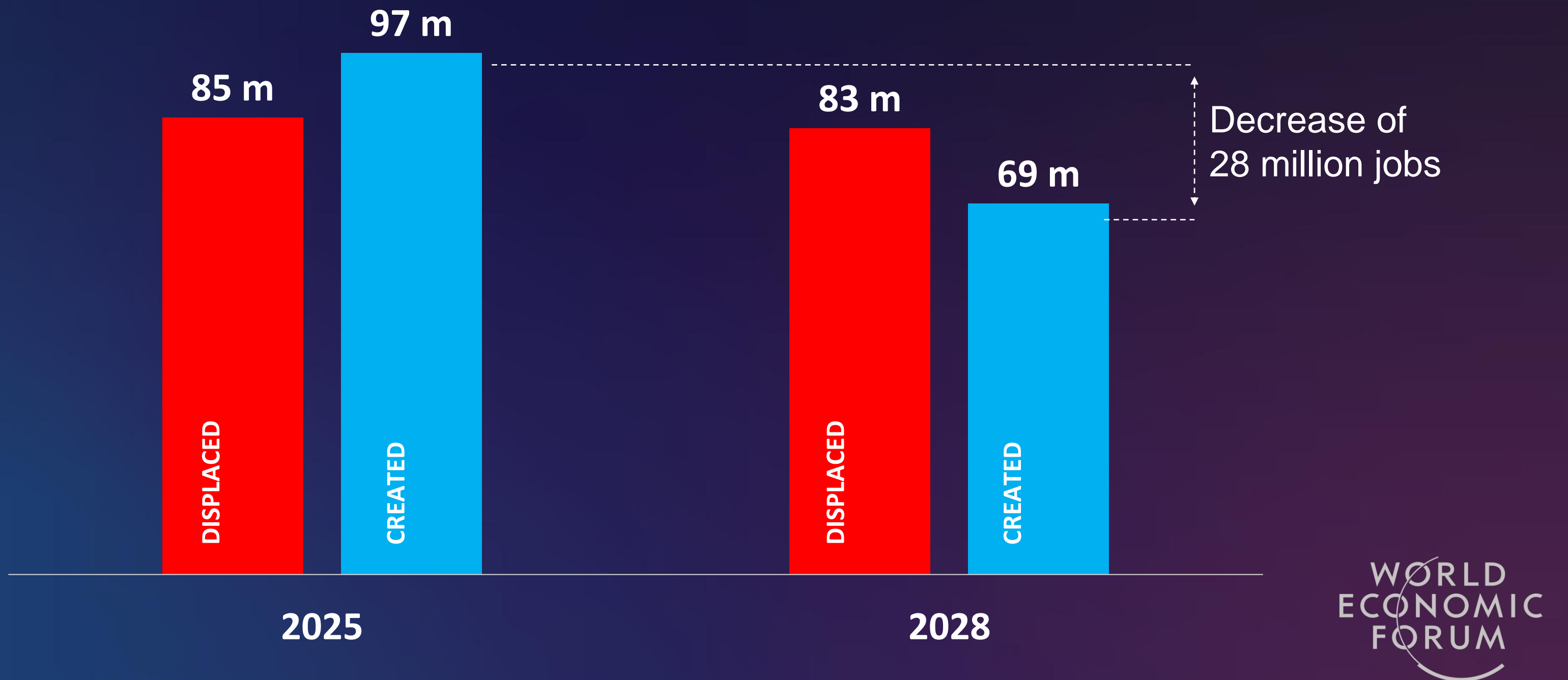
We must make this Europe's Digital Decade. There are three areas we need to focus; first data, second technology in particular AI, and third infrastructure.

State of the Union, 2020

Europe, together with partners, should lead the way on a new global framework for AI, built on three pillars: guardrails, governance and guiding innovation.

State of the Union, 2023

FUTURE OF JOBS



FUTURE OF AUTOMATION

2020

33 %

A horizontal bar chart for the year 2020. The bar is light blue and represents 33% of the total length. The text '33 %' is written inside the bar.

2025

50 %

A horizontal bar chart for the year 2025. The bar is green and represents 50% of the total length. The text '50 %' is written inside the bar.

2027

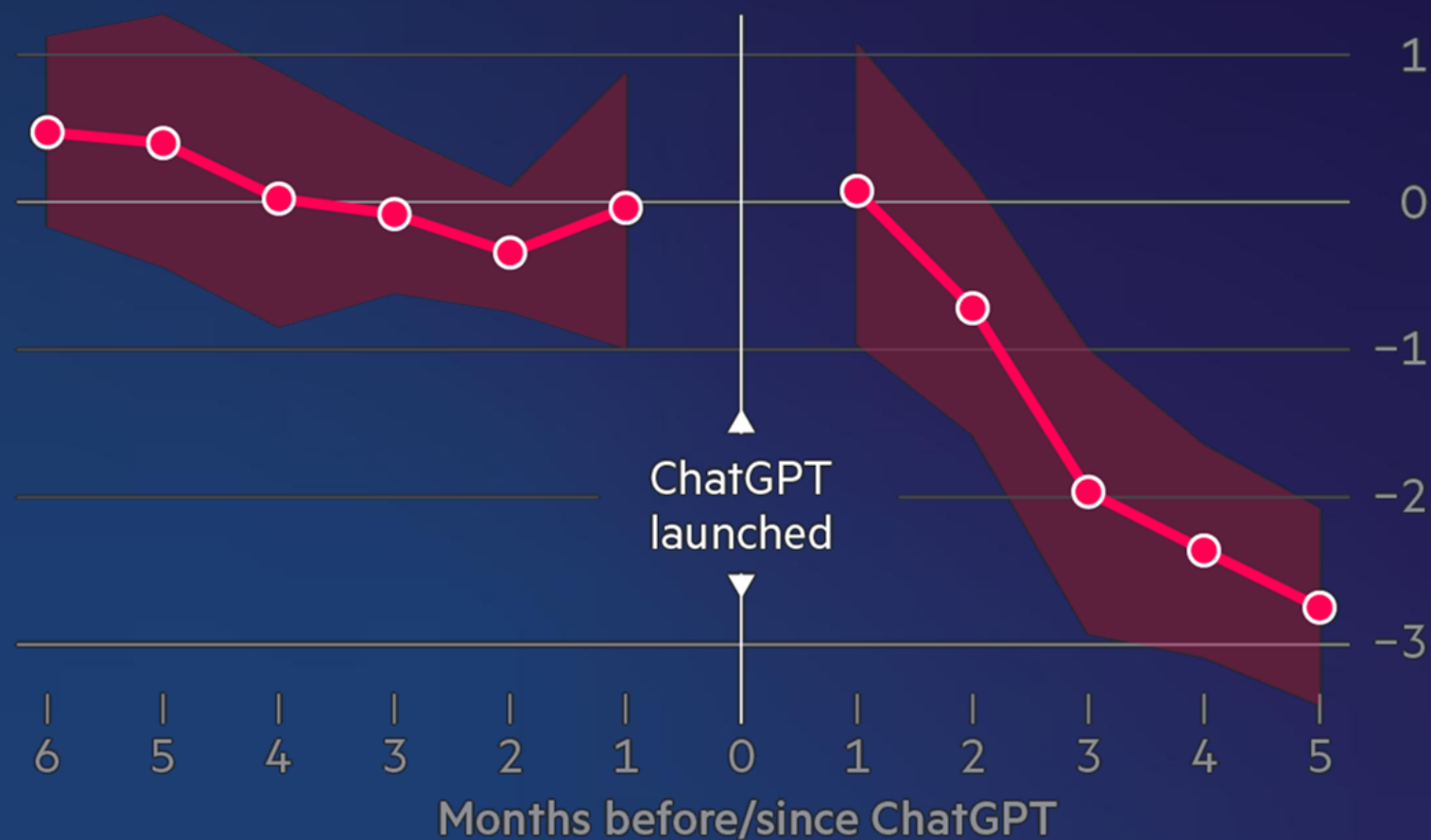
42 %

A horizontal bar chart for the year 2027. The bar is green and represents 42% of the total length. The text '42 %' is written inside the bar.

DECREASE IN WHITE COLLAR JOBS

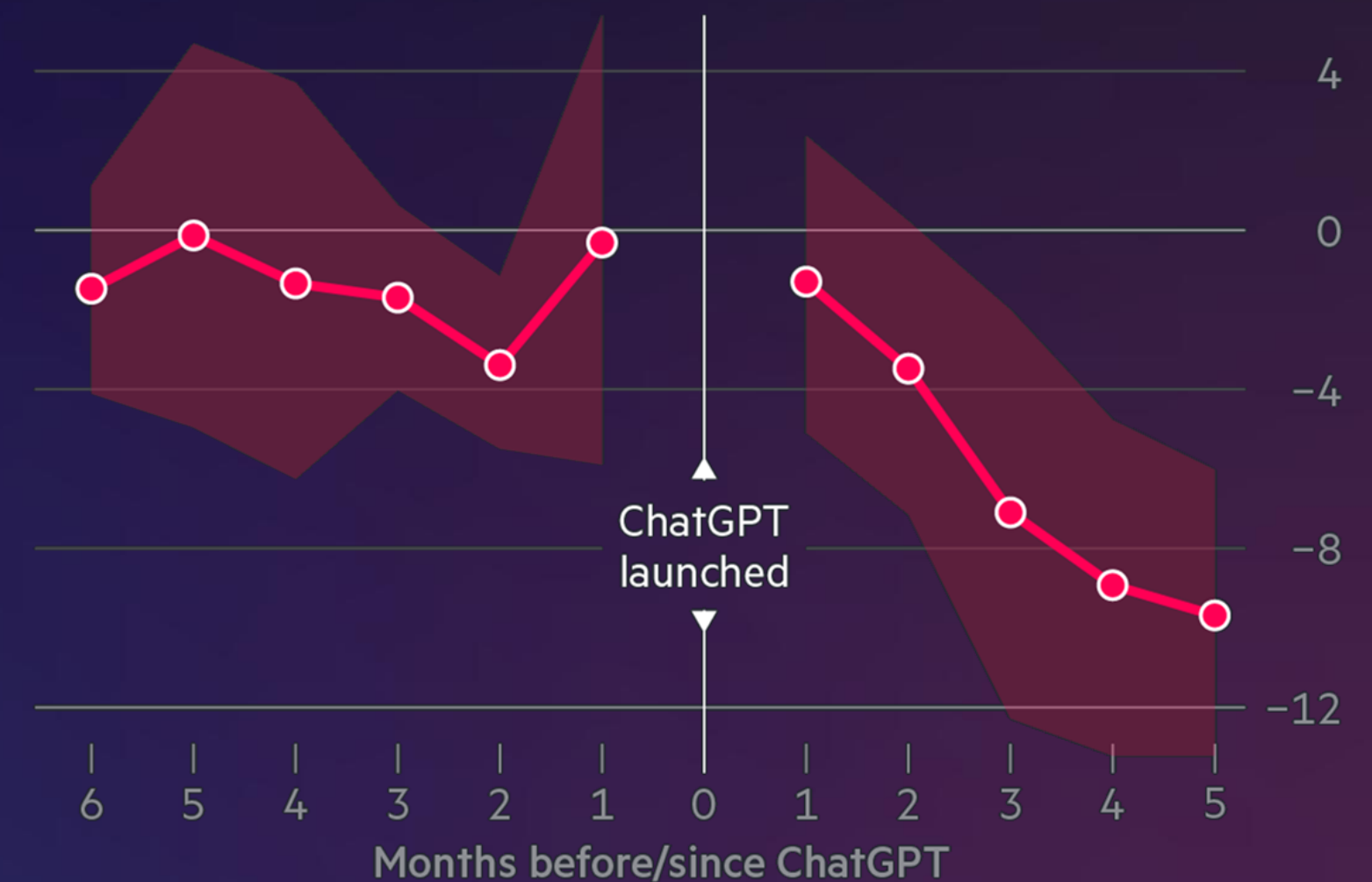
Generative AI is already taking some white collar jobs...

% change in monthly freelance jobs



...and cutting wages for online freelancers

% change in earnings



WHAT DO CEOs & CFOs THINK?

- 61% believe AI will be a game changer for their industry
- 66% said they will recruit AI specialists externally, while 34% said they will train existing staff
- 57% of the respondents lack confidence in their leadership team's AI skills and knowledge
- 41% of executives believe they will employ fewer people within five years due to AI
- Only half of leaders say they will redeploy employees affected by AI

HOW CAN A WORKFORCE BE AI-READY IF ITS LEADERS ARE NOT?



DISRUPTION IN THE WORKFORCE



March 2023

- Gen AI to effect 300 million full-time jobs worldwide
- Automation will partially change 66% of jobs in Europe
- Between 25% and 50% of the workload will be taken over by AI



May 2023

- Company to pause hiring roles that can be replace by AI
- This can impact 26,000 IBM employees



May 2023

- Plan to cut 55,000 jobs by the end of the decade



August 2023

- 65% of skills are expected to change by 2030 because of Gen AI

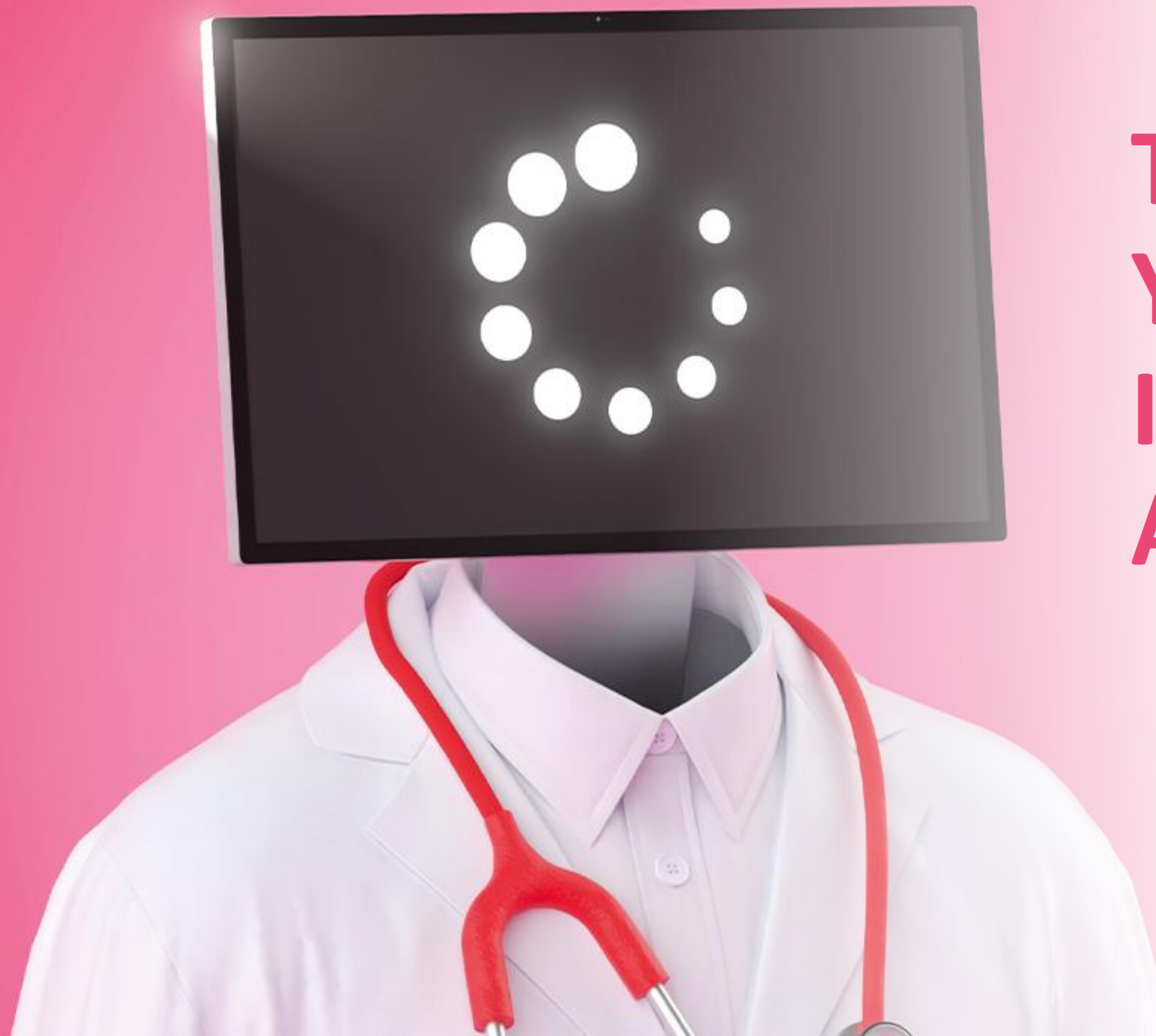


AI WILL TAKE OVER **TASKS**, NOT NECESSARILY **JOBS**





The end of the
Platform Economy?



**THE FIRST 1,000-
YEAR-OLD PERSON
IS ALREADY
AMONG US!**

The background of the image is a deep space scene. A bright, glowing band of light, likely the Milky Way's galactic core, stretches vertically through the center. To the left of this band, a spiral galaxy is visible, its core appearing as a dark, dense region with concentric rings. The entire scene is filled with numerous small, distant stars of varying brightness and colors.

GRADUATION BLACKHOLE

TRANSLATION

REPORT WRITING

SUMMARISATION

EMAIL DRAFTING

ANALYSING DATA

JUNIOR

2023

TRAINING

CUSTOMER CARE

LOGISTICAL PLANNING

SENTIMENT ANALYSIS

SOCIALMEDIA MONITORING

WHAT IS THE VALUE OF A DEGREE?



2030 TALENT SQUEEZE

- 85 million unfilled Jobs
- \$8.5 trillion unrealised annual revenue
- Team burnout
- Decreased output
- Increased Cyber Security
- Delayed product launches

*FUTURE OF WORK – The Global Talent Crunch (KORN FERRY Report 2023)

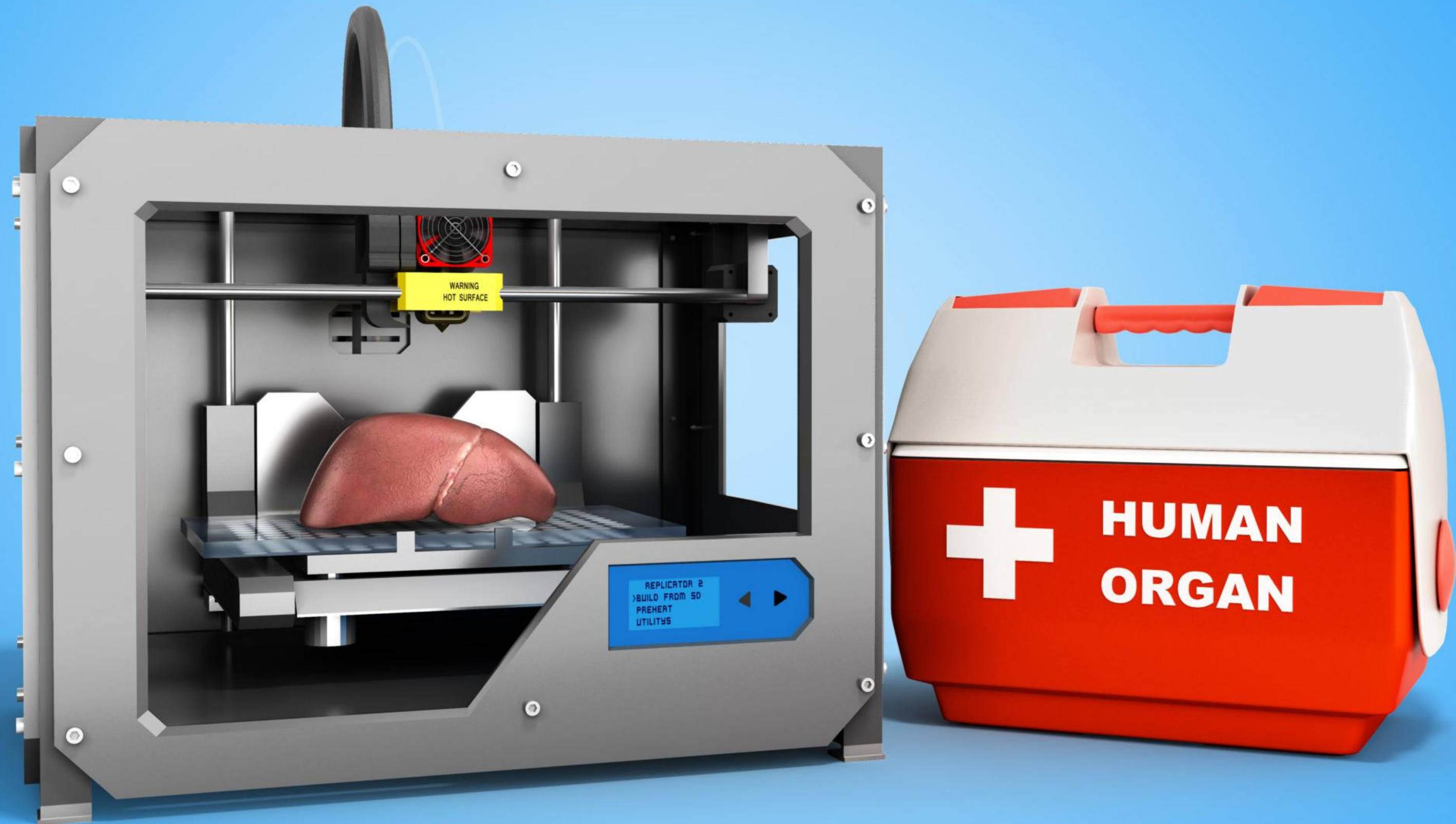




1. Some jobs will not be affected



2. Some jobs will become obsolete

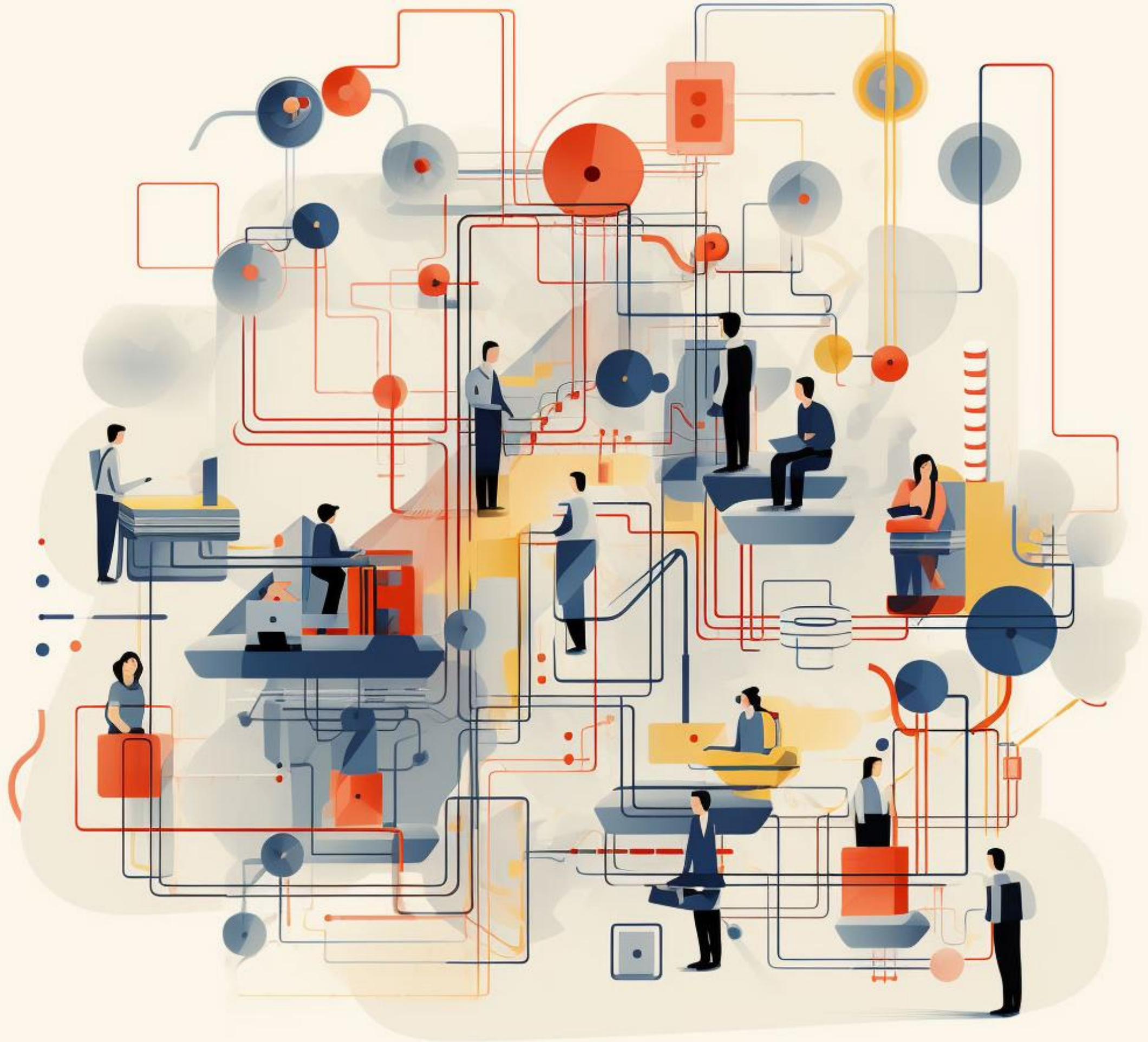


3. New jobs will be created



4. Most jobs will be augmented with AI

20XX THE AGENT ECONOMY





AI WILL NOT DISRUPT YOUR WORKSPACE,
BUT A COMPETITOR WHO UNDERSTANDS
HOW TO USE **AI** BETTER THAN YOU **WILL!**



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