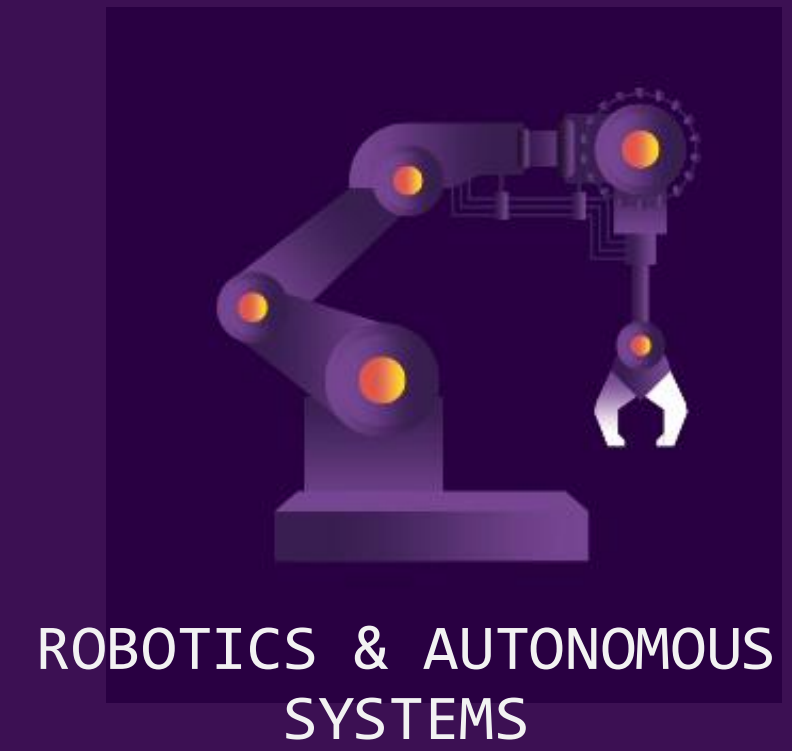


# Andrew Borland

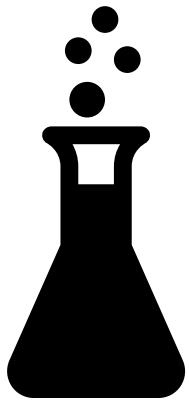






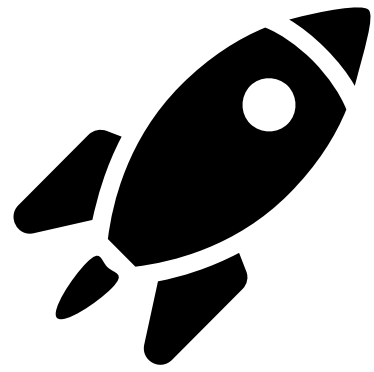
# What VEC Do..

R&D  
Projects



**439**  
**Projects**

Start-ups



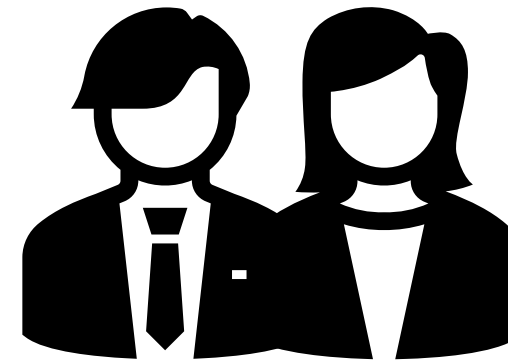
**121**  
**Accelerated**

Economic  
Growth



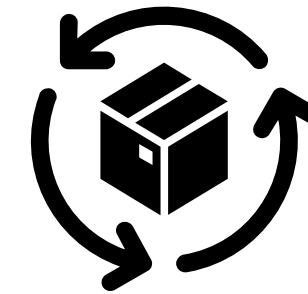
**£320m**  
**Contributed**  
**GVA**

Our clients  
create Jobs



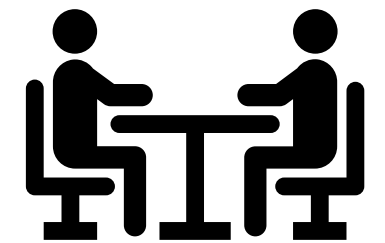
**2500**  
**New**  
**Jobs**

Create  
New  
Product



**161**  
**Innovation**  
**s**  
**to Market**

Collaborations



**634**  
**Collaborations**



DOAC



DOES

**NO MORE**

**JUNIORS?!**

9:47

12:59

The Great  
AI Reset



13:39




**IT'S  
OVER**

14:25



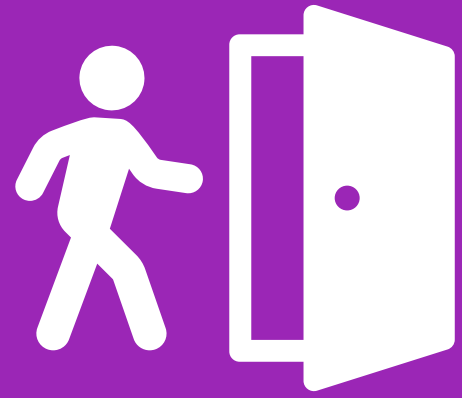
25:58



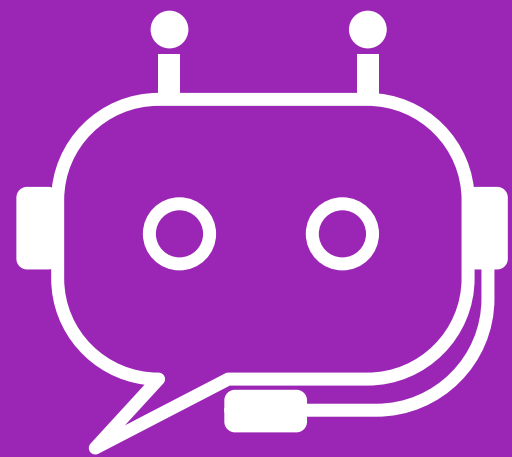
A close-up, low-angle shot of a robot's head. The robot has a translucent blue visor that glows with a bright blue light. Above the visor is a yellow, oval-shaped antenna. The robot's head is primarily white with some grey and blue accents. The background is a dark, starry space. The text "Robots are coming for our jobs." is overlaid on the right side of the image in a white, sans-serif font.

**Robots  
are coming  
for our jobs.**

# There is disruption of the job market



1 to 3 million jobs displaced by  
2050



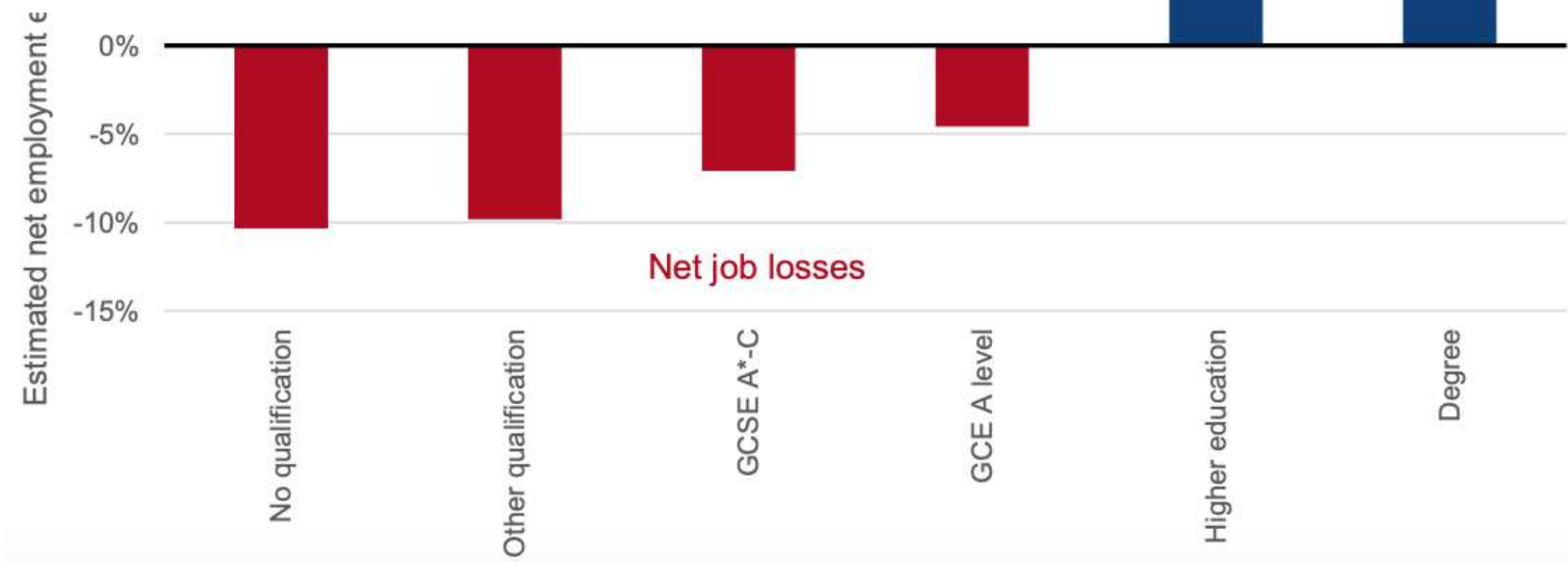
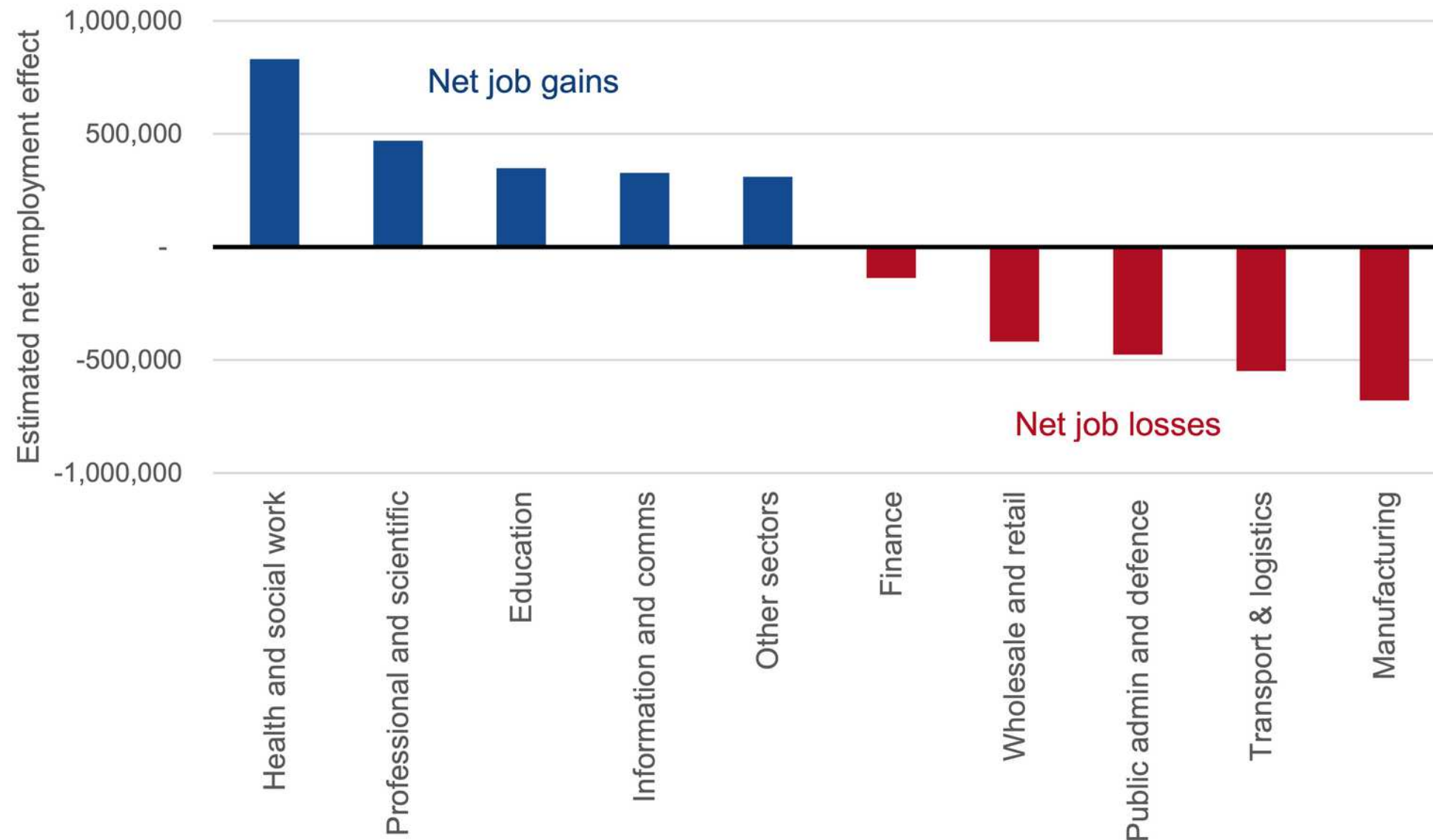
11% of tasks already achievable with AI



60,000 to 275,000 jobs a year  
lost



# Effects of AI over 20 years



# Young people are most at risk

- 12.5% (923,000) of 16-24 are NEET
- 14.2% youth unemployment rate v 4.6% for all ages
- National Insurance Increase
- Entry level roles are not there
- 44% of youth think lack of skills is there biggest barrier
- 66% Larger employers said they struggle to recruit because of skills







Nvidia's computer chips are the bedrock of AI Credit: Justin Sullivan/Getty Images

Nvidia is now worth more than the entire FTSE 100 as the US tech giant cashes in on the artificial intelligence (AI) boom...



# Coding is not the answer

SUCCESS · CAREERS

**Software engineer lost his \$150K-a-year job to AI—he's been rejected from 800 jobs and forced to DoorDash and live in a trailer to make ends meet**



BY PRESTON FORE  
STAFF WRITER, EDUCATION

May 14, 2025 at 5:00 AM EDT



SUCCESS · AI

**Tech leaders at Anthropic, IBM, and Meta warn that AI is coming for software developer jobs**



BY PRESTON FORE  
STAFF WRITER, EDUCATION

March 13, 2025 at 8:33 PM EDT



In just three to six months, AI will be writing 90% of all the code produced, Amodei **tells** the *Council on Foreign Relations*. “In 12 months, we may be in a world where AI is writing essentially all of the code.”



Schools are going to be on the front  
line...





TECH · AI

# Duolingo CEO says AI is a better teacher than humans—but schools will still exist ‘because you still need childcare’



BY IRINA IVANOVA  
DEPUTY US NEWS EDITOR

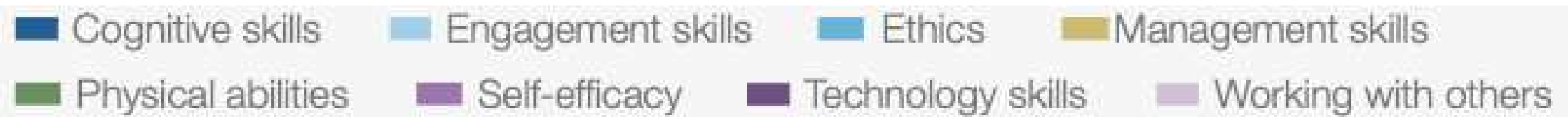
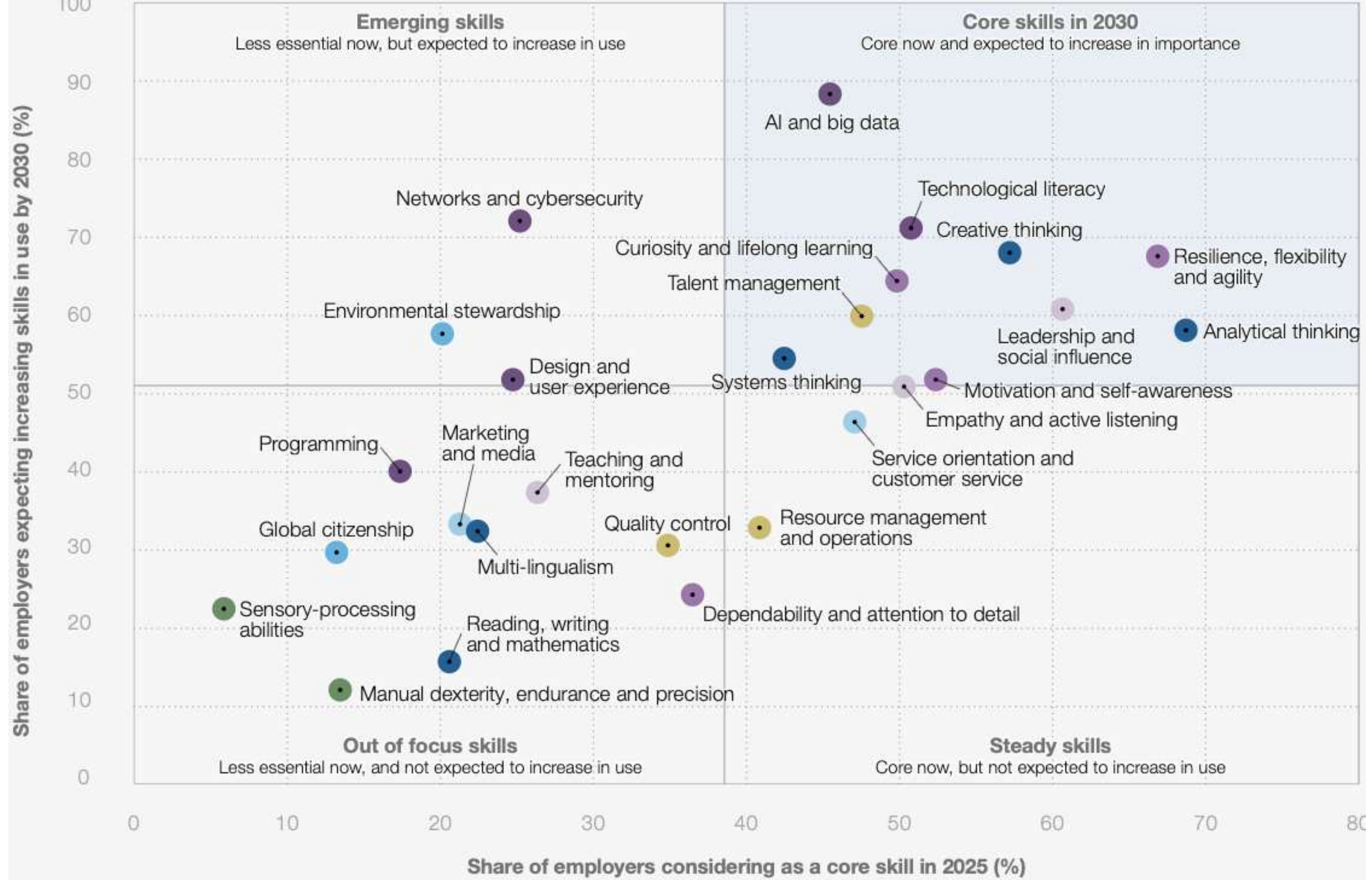
May 20, 2025 at 5:13 AM EDT





We need to get back to  
skills....





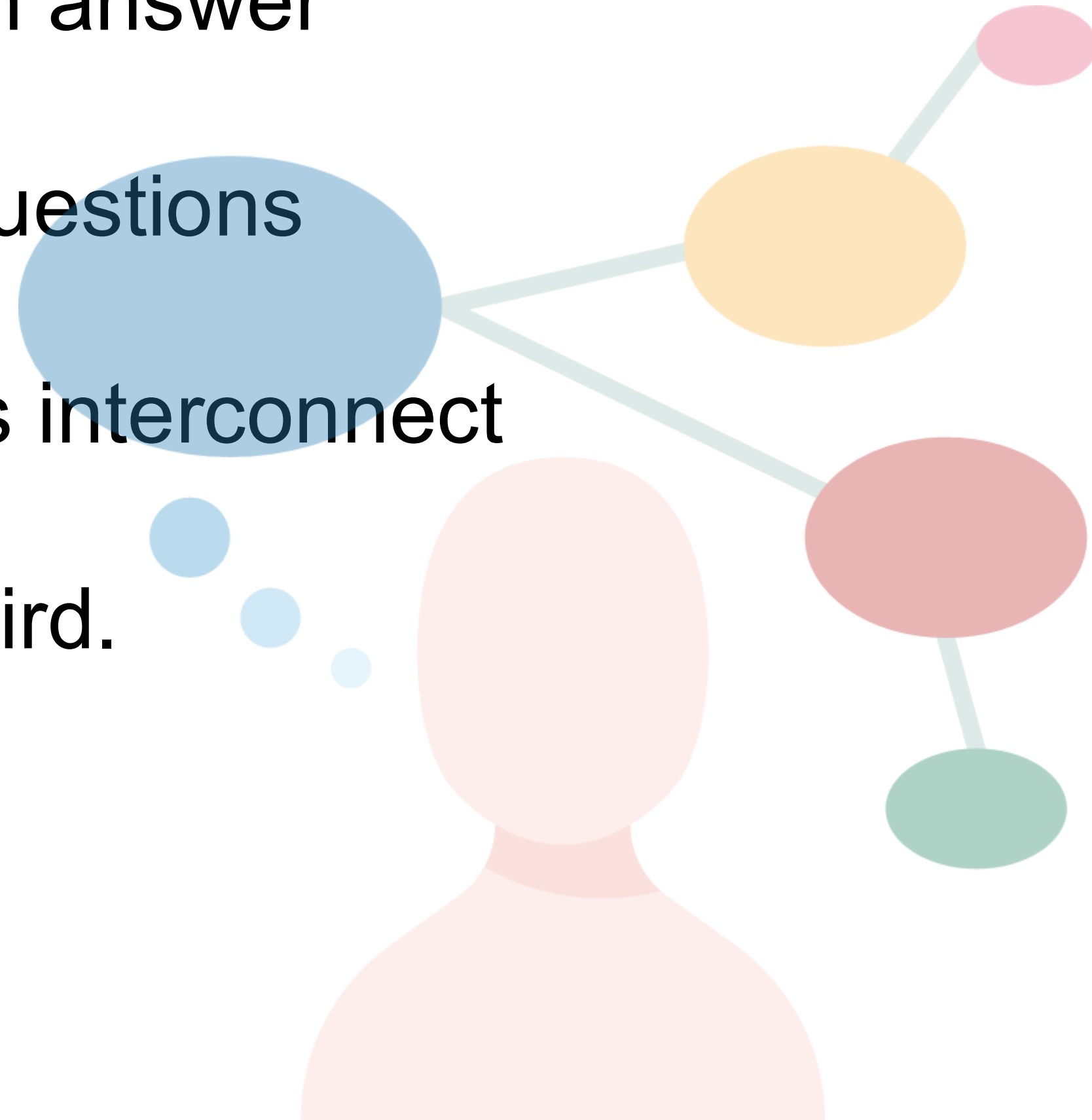


What should we focus  
on.....



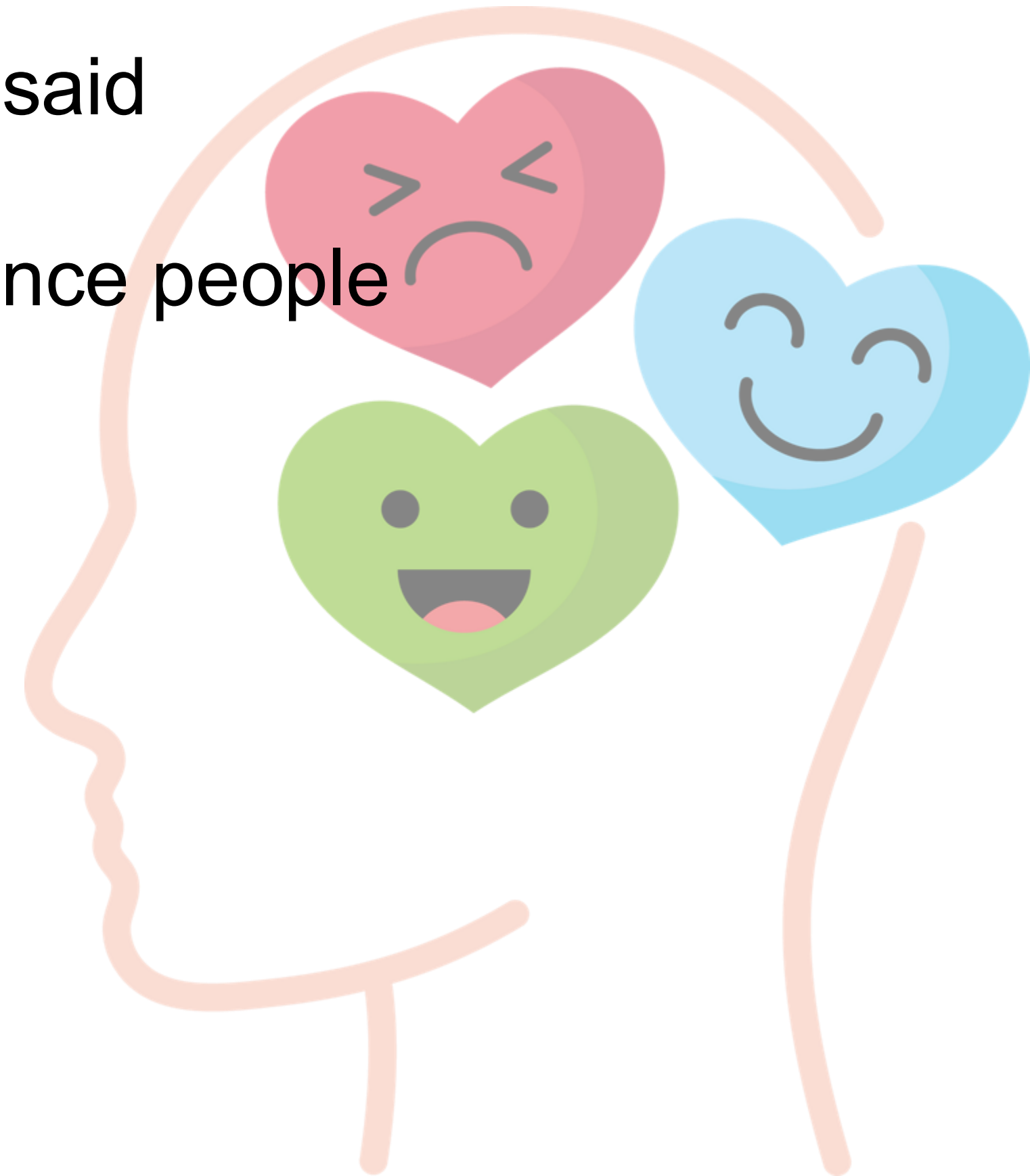
# ***Critical thinking & problem-solving:***

- Ask better questions: than AI can answer
- AI finds answers: humans find questions
- Systems thinking: How problems interconnect
- Creative problem solving: Be weird.
- Human not analytical reasoning



# ***Emotional Intelligence:***

- Empathy & listening: Understand the unsaid
- Resolve Conflicts: Make friends & influence people
- Leadership: Inspiring others, have grit





# Digital Literacy, NOT I.T.!

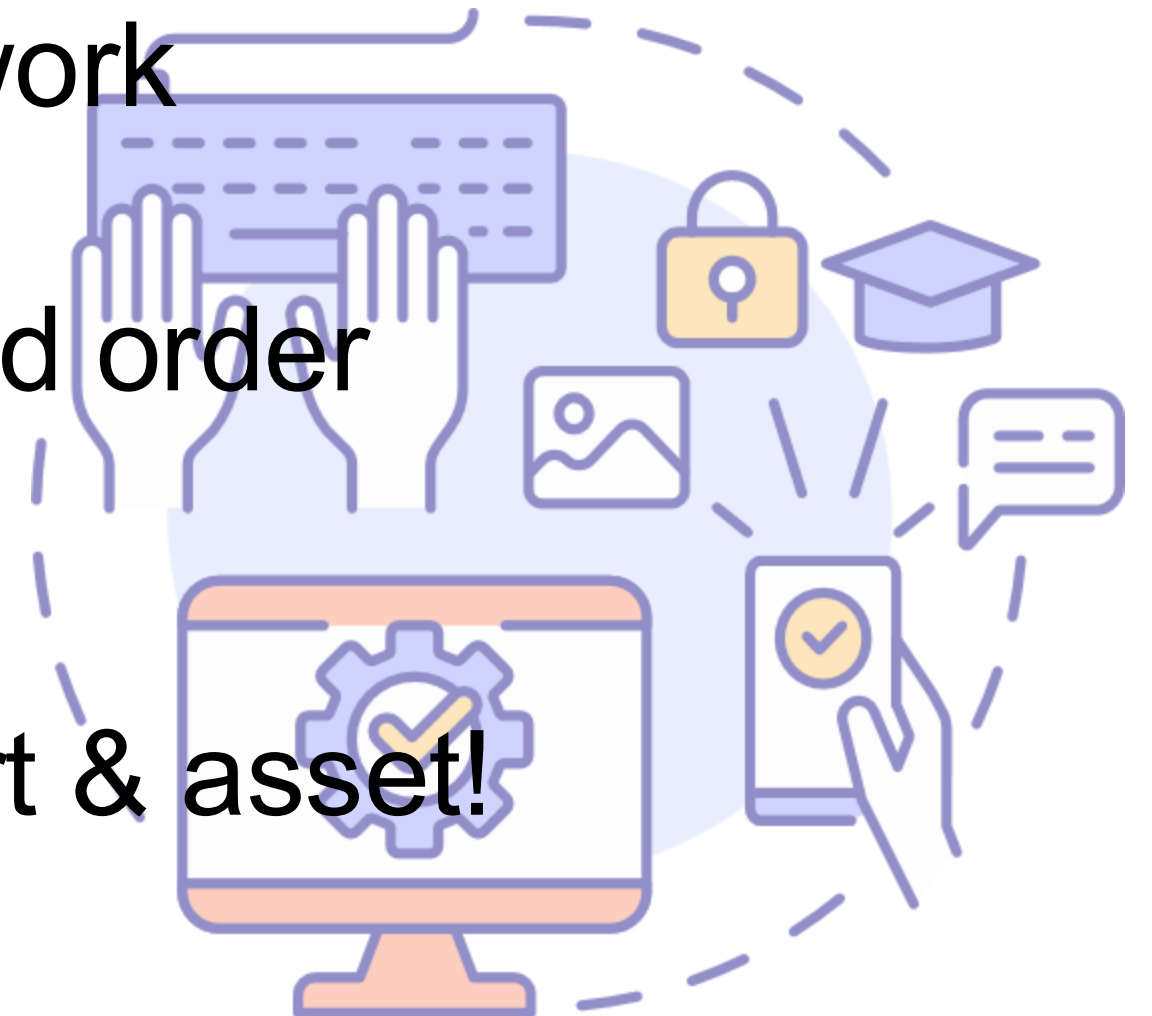
AI, Robotics, Automation are not “I.T.”

Prompt engineering: Learning to communicate with AI

System literacy: Understanding how systems work

Privacy: Understand privacy, think about second order effects

Digital Sovereignty: Own the data, insight, effort & asset!



# Communication & Storytelling

- Learn to make a telephone call.
- Clear writing: Communicating complex ideas simply and persuasively
- Public speaking: Presenting ideas confidently to diverse audiences
- Cross-cultural communication: Adapting messages for different context
- Podcast: research, script, video, audio, edit, publish, analyse





- Entrepreneurship & Enterprise
  - Leadership & Confidence
    - Ambition & Humility
    - Civics & Community

# Potential time savings from deploying AI split by worker characteristics

