

THEORY

Your job probably won't be taken away by AI.

It will likely be taken by someone using AI.

When Vision and Capabilities Converge, Innovations Emerge

WHAT IS ARTIFICIAL INTELLIGENCE?

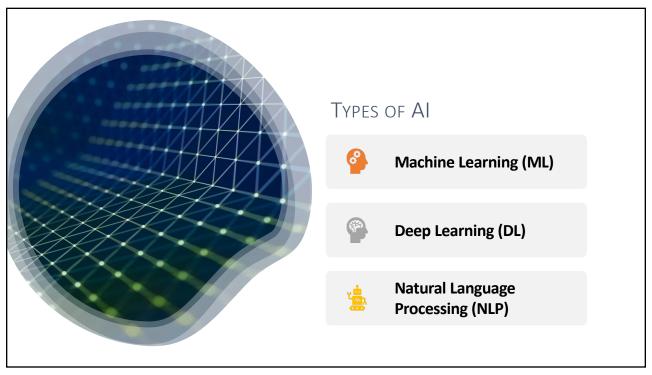


(According to NIST, anyway)

"systems that can reason, learn, and adapt, and can perform tasks that typically require human intelligence."

When Vision and Capabilities Converge, Innovations Emerge

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DATA PROLIFERATION IOT DEVICE GROWTH

- 97 billion IoT devices were in use worldwide in 2023. (Source: Statista, 2023)
- This number is expected to reach 127 billion by 2025. (Source: MarketsandMarkets, 2023)

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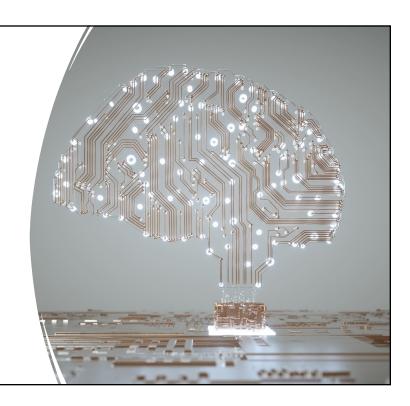
Data proliferation Social Media

- Facebook generates over
 2.5 billion pieces of
 content every day.
 (Source: Facebook, 2023)
- X (Twitter) generates over 500 million tweets per day. (Source: Twitter, 2023)



RISKS OF USING AI

- · Data Privacy and Security
- Bias
- · Adversarial Attacks
- Autonomous Weapons
- Job Displacement



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PRESS RELEAS

North Carolina Musician Charged With Music Streaming Fraud Aided By Artificial Intelligence

U.S. Attorney Damian Williams said: "As alleged, Michael Smith fraudulently streamed songs created with artificial intelligence billions of times in order to steal royalties. Through his brazen fraud scheme, Smith stole millions in royalties that should have been paid to musicians, songwriters, and other rights holders whose songs were legitimately streamed. Today, thanks to the work of the FBI and the career prosecutors of this Office, it's time for Smith to face the music."

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CRITICAL THINKING



Critical thinking is the ability to analyze information, evaluate evidence, and form logical conclusions.

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Signs of a Critical Thinker





Intellectual Curiosity



Open-Mindedness



Skepticism



Analytical Thinking



Effective Communication



Problem Solving Skills



Self-Awareness

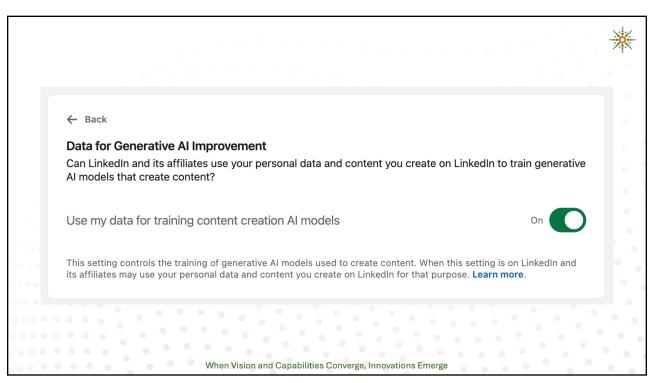
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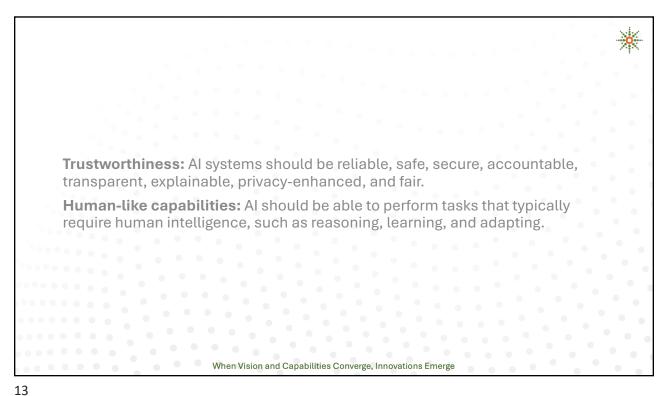


Risk always exists, but trust must be earned

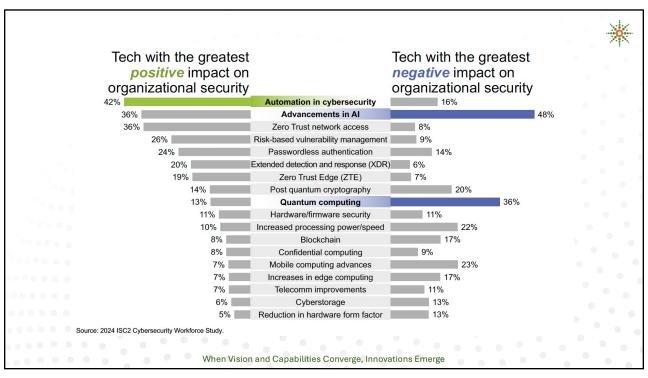
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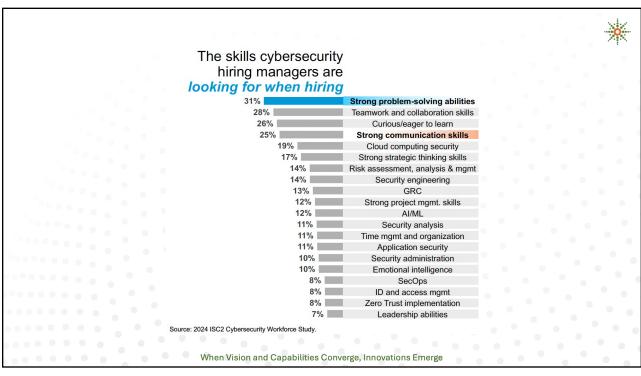
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CHARACTERISTICS OF TRUSTWORTHY AI SYSTEMS **NIST AI RMF** Secure & Explainable & Privacy-Fair - With Harmful Safe Resilient Interpretable **Enhanced** Bias Managed Accountable Transparent Valid & Reliable Source: https://nvlpubs.nist.gov/nistpubs/ai/NIST.AI.100-1.pdf When Vision and Capabilities Converge, Innovations Emerge





CONCLUSION



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