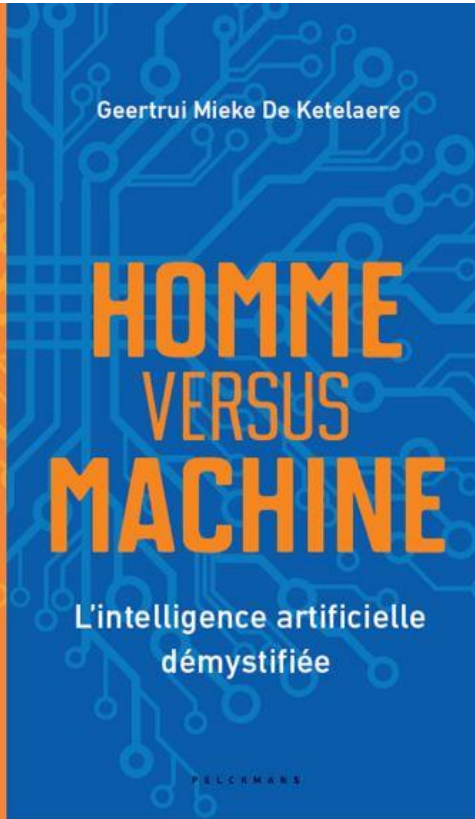
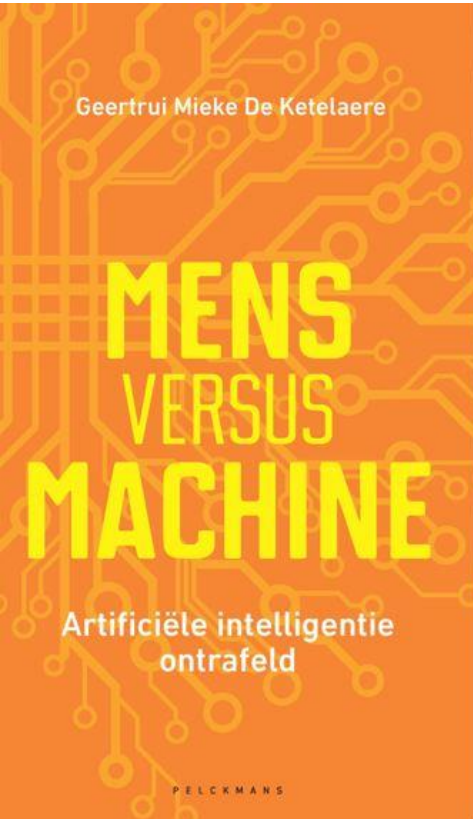


AI: The Good, the Bad and The Ugly



Welcome in AI Land



Welcome in AI Land

Midjourney and DeviantArt
made using AI

Elon Musk reportedly planning to
launch AI startup
ChatGPT maker

Rise of ChatGPT: Alternatives, Limitations and Jobs at Risk 2023

Accounting, Technology | Updated On April 20th, 2023



Rise of ChatGPT: Are Jobs at Risk?

bringing together team, weeks
pause in AI research



You're...
A new AI tool by...
(TTS) can take a three se...
speech in that person's voice...
accuracy.
...reportedly recruited engineers from leading AI labs, such as DeepMind. Photograph:
...Walsh/AP



Welcome in AI Land

Telegraph.co.uk

Uber stops developing driverless cars as it sells technology

Uber has dropped plans to build a new division developing the technology

1 day ago

POLICY BUSINESS TECH

IBM will no longer use facial recognition

IBM's CEO says we should reevaluate our use of facial recognition

By Jay Peters | @jaypeters | Jun 8, 2020, 8:49pm

Tesla loses top AI executive who led Autopilot vision team

Kirsten Korosec @kirstenkorosec / 12:48 AM GMT+2 · July 14, 2022



Image Credits: Christopher Goodney/Bloomberg / Getty Images

BI Business Insider

Google tried to ease employee tension in ousted AI ethicist

Google held a meeting Tuesday with employees to discuss the ousting of Timnit Gebru, a prominent AI ethicist who said she was being silenced. 19 hours ago

Why Financial Advisors Will Never Be Replaced By Robots Or AI



Sarah Vo · Follow

16 min read · Aug 5, 2018

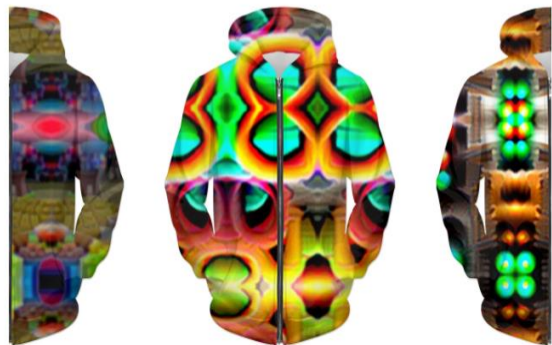


Welcome in AI Land

These Hoodies Make You 'Invisible' to Some Surveillance Algorithms

They were created by researchers from Facebook and the University of Maryland

 Dave Gershgorin Aug 6, 2020 · 3 min read



AI and your resume: How to beat the bots

Before you can interview for a new job, you must get past the AI tools that screen candidates. Experts share seven do's and don'ts for AI-proofing your resume

By **Stephanie Overby**

July 16, 2019

 195 readers like this 



EDITORS' PICK | Oct 14, 2021, 07:01am EDT

Fraudsters Cloned Company Director's Voice In \$35 Million Bank Heist, Police Find



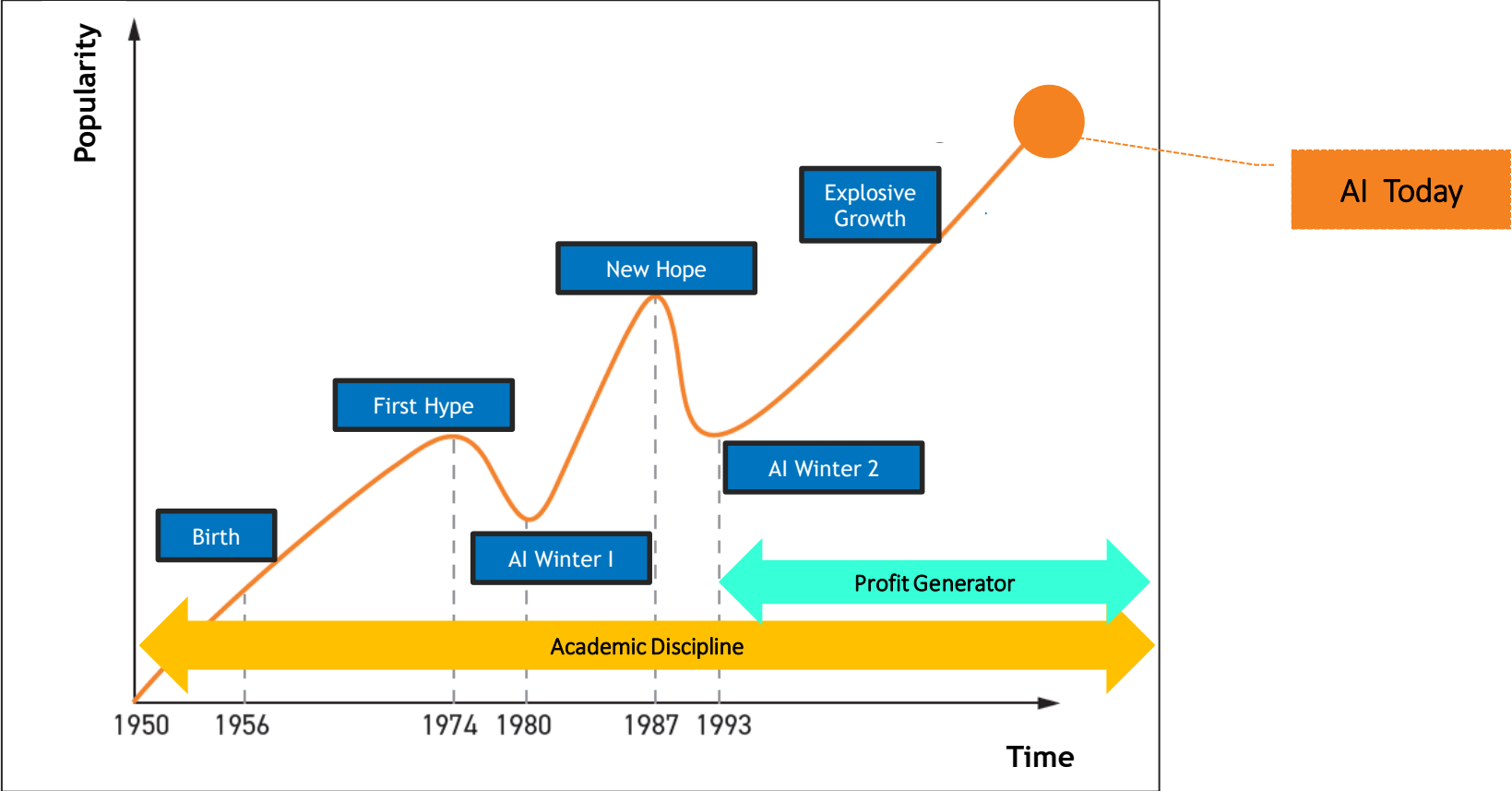
Thomas Brewster Forbes Staff

Cybersecurity

Associate editor at Forbes, covering cybercrime, privacy, security and surveillance.



AI: A Little History



AI and Human Jobs



Dull

Automated Document Processing



Difficult

Fraud Detection



Dangerous

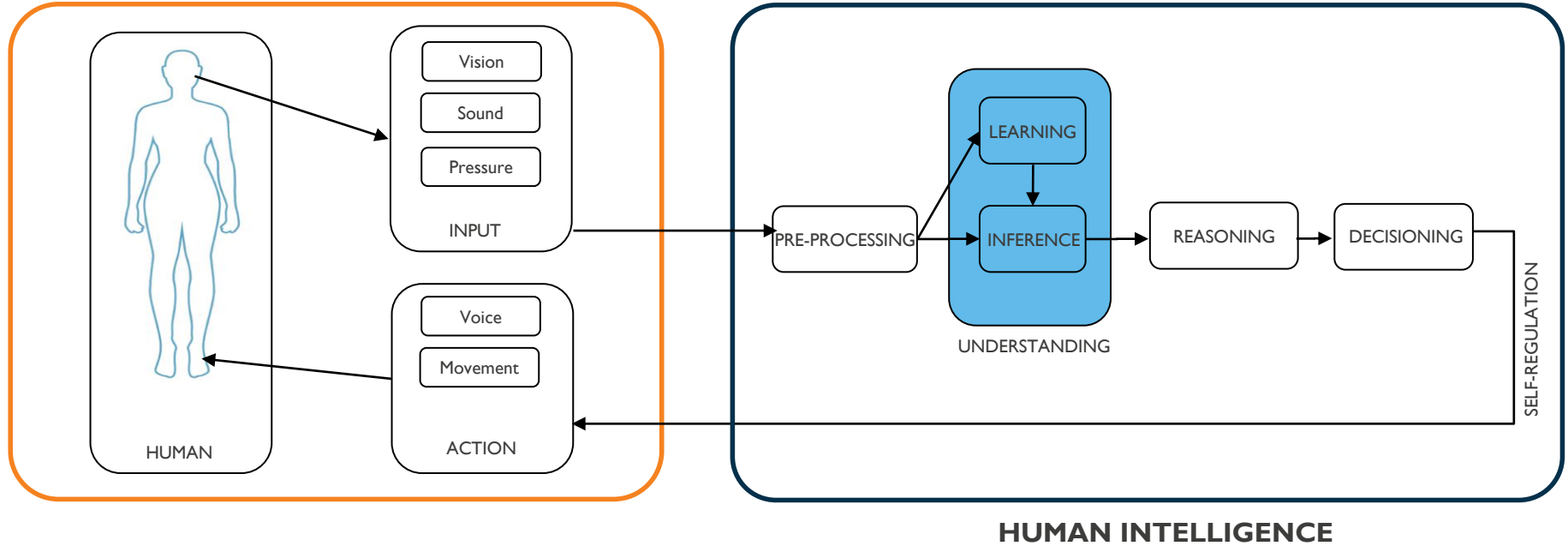
Predictive Safety



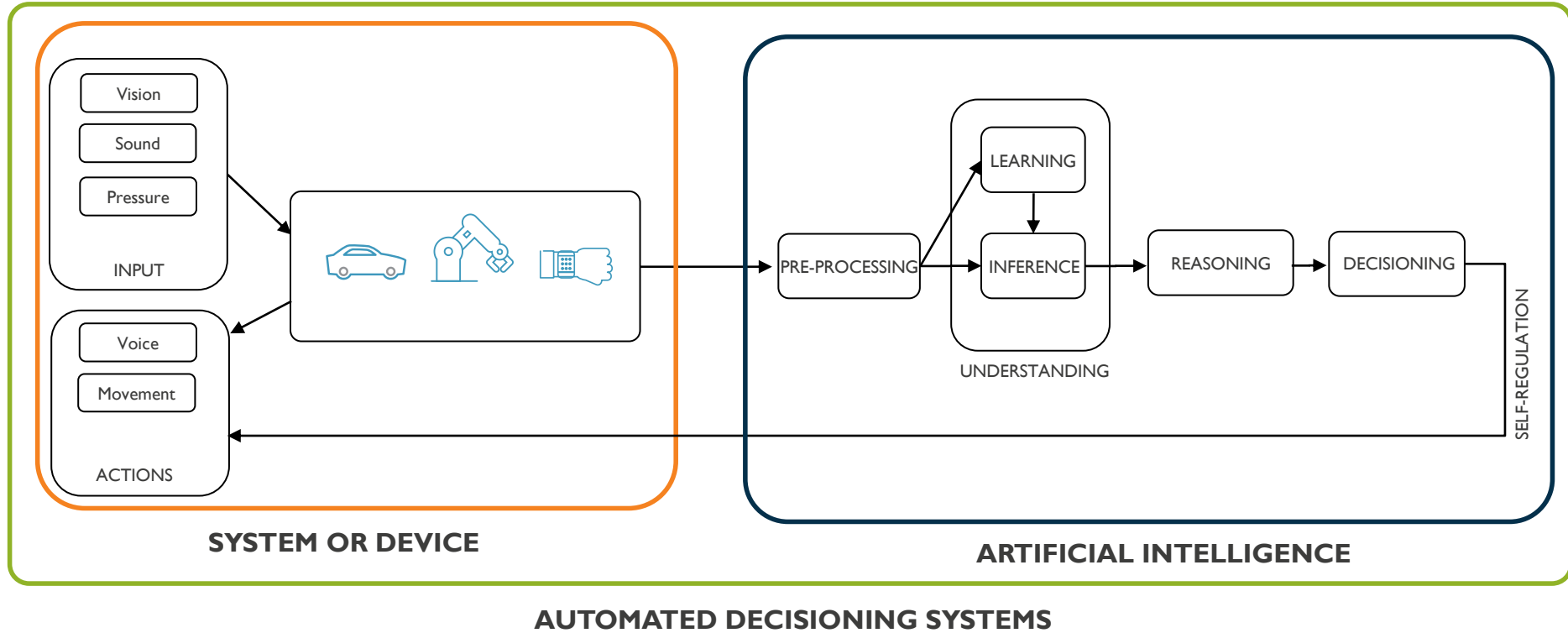
Dirty Augmented Intelligence



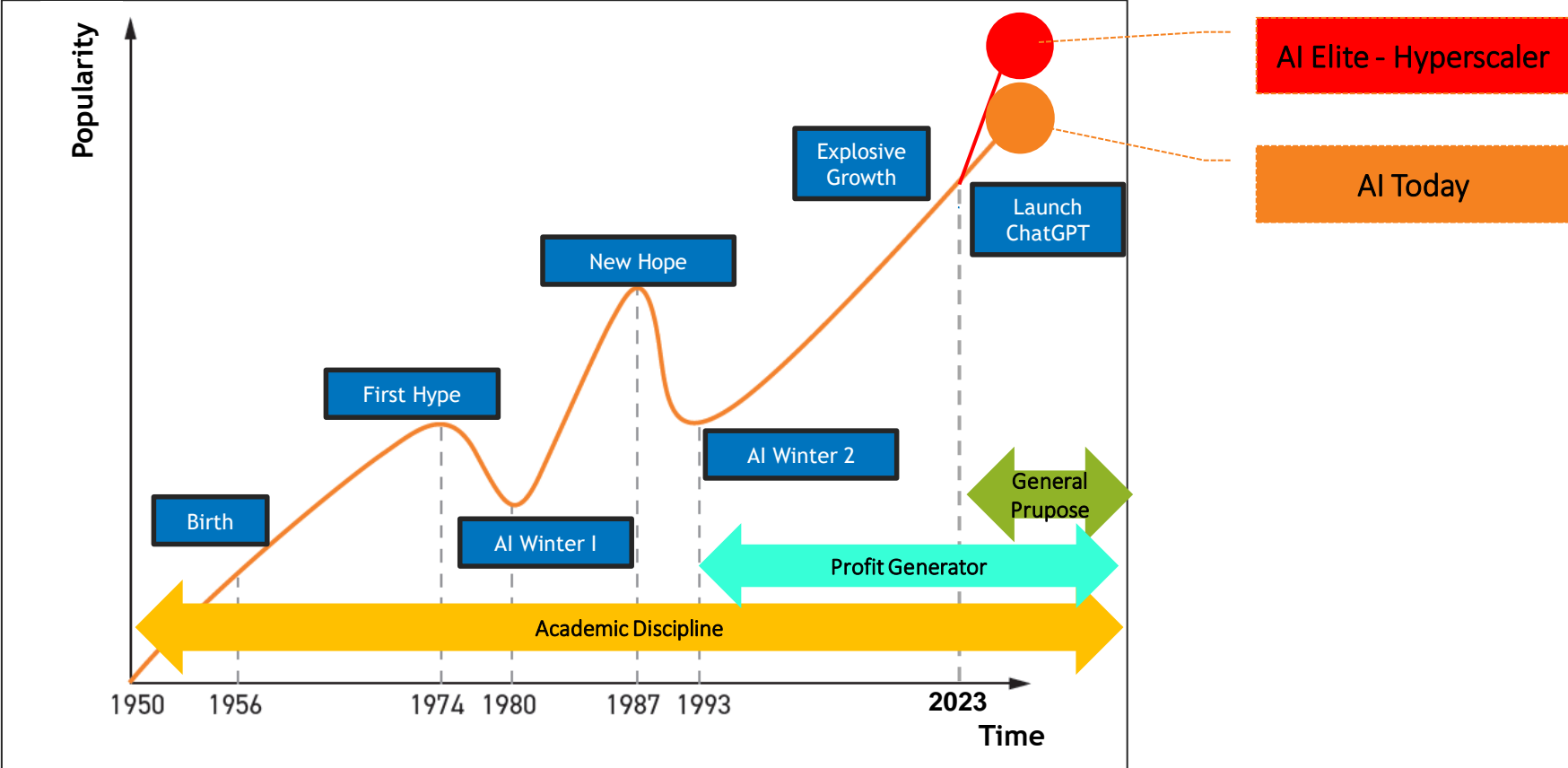
The Original Dream



AI Systems Today



AI: A Little History




Dally

Support with time-consuming tasks

Edit product


Generate scene EXPERIMENT



Undo

This feature is experimental, and results may vary

STEP 1
Select a product image
cBalm Honey & Peach Exfoliating Scrub




STEP 2
Enter a description of the scene

A tube of exfoliating scrub on a stone platform, surrounded by peaches, with tropical plants in the background


For better results, include the product ("skincare jar"), placement ("on the light stone platform"), surroundings ("surrounded by almonds"), and background ("in front of green plants").

Example




Regenerate scene Add to Merchant Center

AI Today



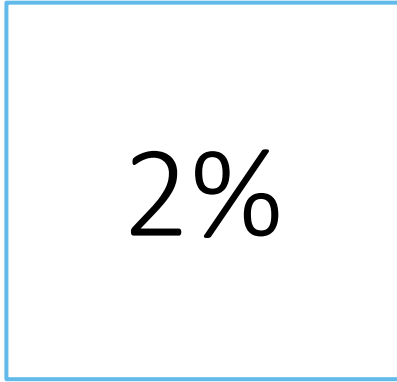
25%

Companies adopting AI



35%

Models misbehaving



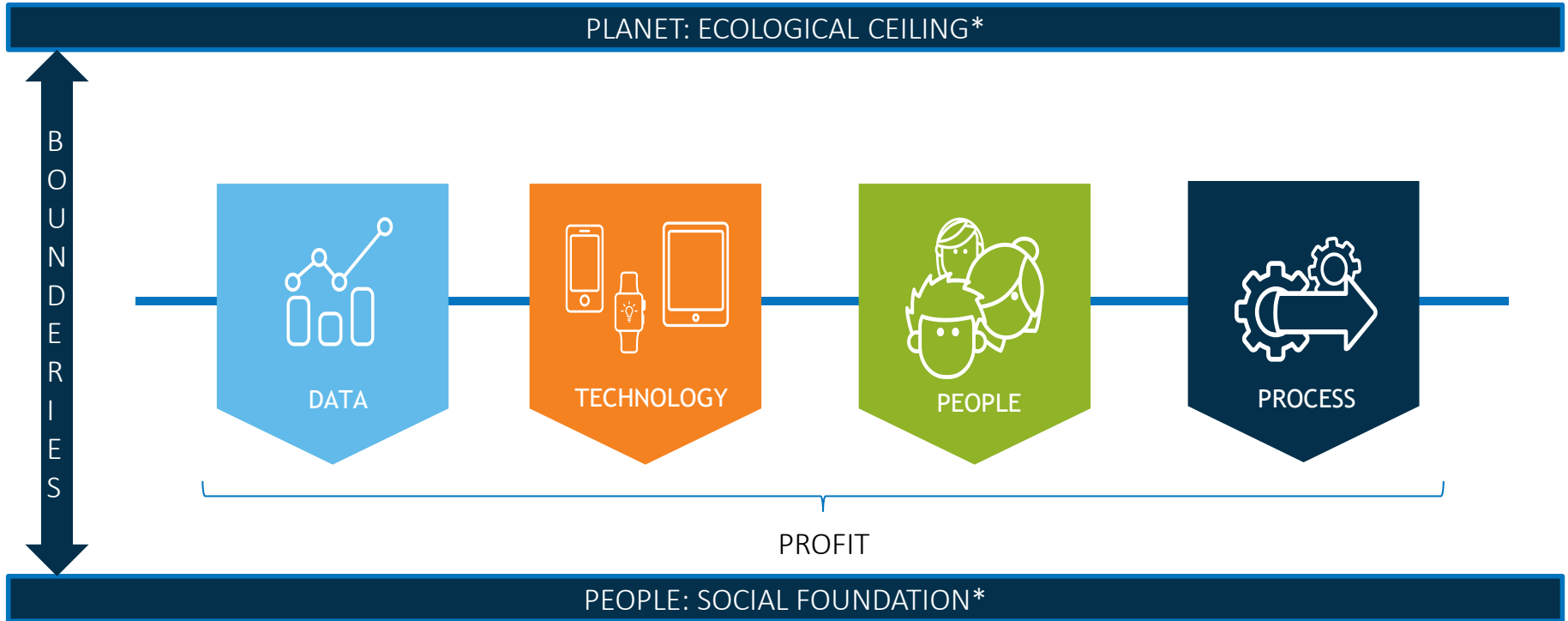
2%

CO2 emission by
AI/IOT systems

* AI for business: What's going wrong, and how to get it right | ZDNet

* Global survey: The state of AI | McKinsey

AI Tomorrow



* Donut Economics

AI Anno 2023

	HUMAN INTELLIGENCE	ARTIFICIAL INTELLIGENCE
1. Speed of processing		X
2. Knowledge Transfer		X
3. Decision Accuracy		X
4. Operational Modus		X
5. Size of storage	X	
6. Energy Usage	X	
7. Parallel Processing	X	

AI Anno 2023

	HUMAN INTELLIGENCE	ARTIFICIAL INTELLIGENCE
8. Adapt to Change	X	
9. Type of Input Data	X	
10. Physical Collaboration	X	
11. Human Dialogues	X	
12. Creativity	X	
13. Emotions	X	
14. Consciousness	X	
15. Ethics (Bias)	X	X
16. Ethics (Noise)	X	X

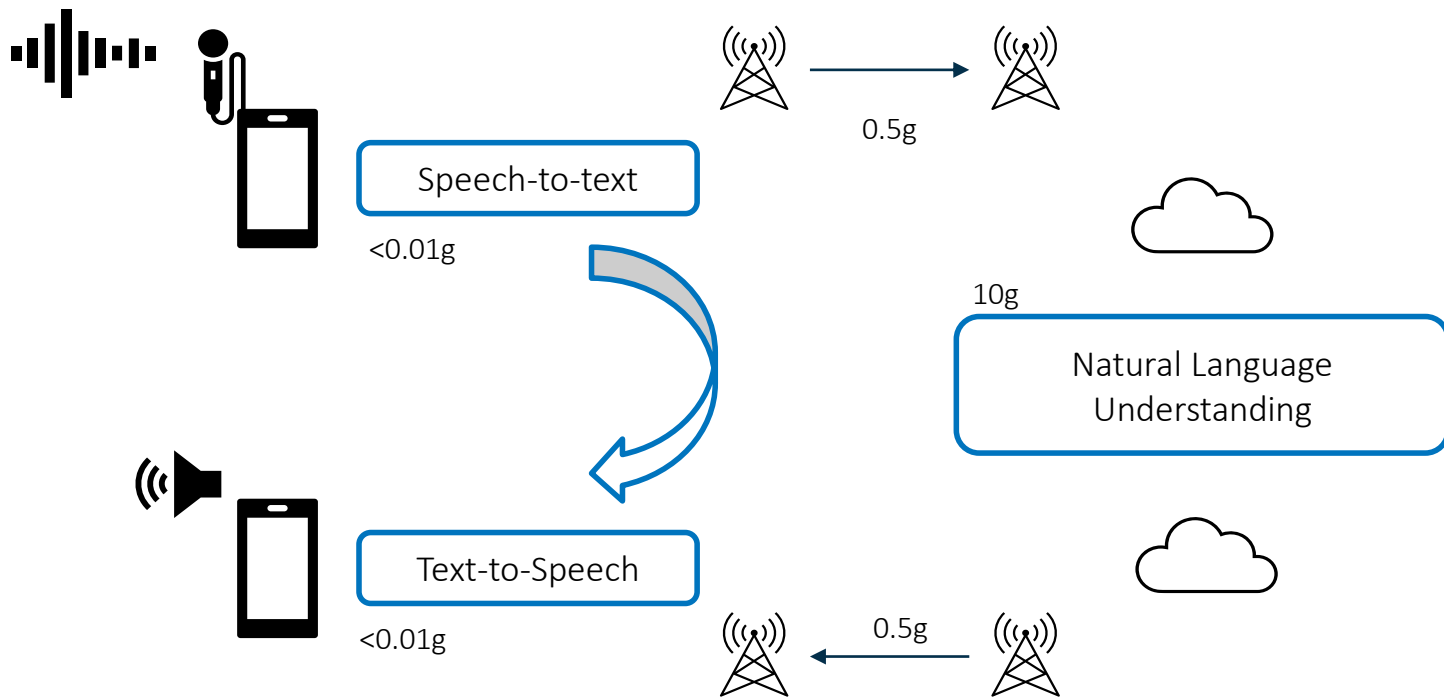
A little Check

« Siri, what is the weather going to be like tomorrow »

The Result: Delivering the answer costs ...

11g CO₂

How is this calculated?



Looking through the eyes of an algorithm



=

```
[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 12, 0, 11, 39, 137, 37, 0, 152, 147, 84, 0, 0, 0, 0, 0, 1, 0, 0, 0, 41, 160, 250, 255, 235, 162, 255, 238, 206, 11, 13, 0, 0, 0, 0, 16, 9, 9, 150, 251, 45, 21, 184, 159, 154, 255, 233, 40, 0, 0, 10, 0, 0, 0, 0, 0, 145, 146, 3, 10, 0, 11, 124, 253, 255, 107, 0, 0, 0, 3, 0, 4, 15, 236, 216, 0, 0, 38, 109, 247, 240, 169, 0, 11, 0, 1, 0, 2, 0, 0, 0, 253, 253, 23, 62, 224, 241, 255, 164, 0, 5, 0, 0, 6, 0, 0, 4, 0, 3, 252, 250, 228, 255, 255, 234, 112, 28, 0, 2, 17, 0, 0, 2, 1, 4, 0, 21, 255, 253, 251, 255, 172, 31, 8, 0, 1, 0, 0, 0, 0, 4, 0, 163, 225, 251, 255, 229, 120, 0, 0, 0, 0, 11, 0, 0, 0, 0, 21, 162, 255, 255, 254, 255, 126, 6, 0, 10, 14, 6, 0, 0, 9, 0, 3, 79, 242, 255, 141, 66, 255, 245, 189, 7, 8, 0, 0, 5, 0, 0, 0, 0, 26, 221, 237, 98, 0, 67, 251, 255, 144, 0, 8, 0, 0, 7, 0, 0, 11, 0, 125, 255, 141, 0, 87, 244, 255, 208, 3, 0, 0, 13, 0, 1, 0, 1, 0, 0, 145, 248, 228, 116, 235, 255, 141, 34, 0, 11, 0, 1, 0, 0, 0, 1, 3, 0, 85, 237, 253, 246, 255, 210, 21, 1, 0, 1, 0, 0, 6, 2, 4, 0, 0, 0, 6, 23, 112, 157, 114, 32, 0, 0, 0, 0, 2, 0, 8, 0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
```

324 inputs

Lacking common sense

SCIENCE / TECH / ARTIFICIAL INTELLIGENCE

OpenAI's state-of-the-art machine vision AI is fooled by handwritten notes



Granny Smith	85.6%
iPod	0.4%
library	0.0%
pizza	0.0%
toaster	0.0%
dough	0.1%



Granny Smith	0.1%
iPod	99.7%
library	0.0%
pizza	0.0%
toaster	0.0%
dough	0.0%

/ A fascinating case study in machine versus human intelligence

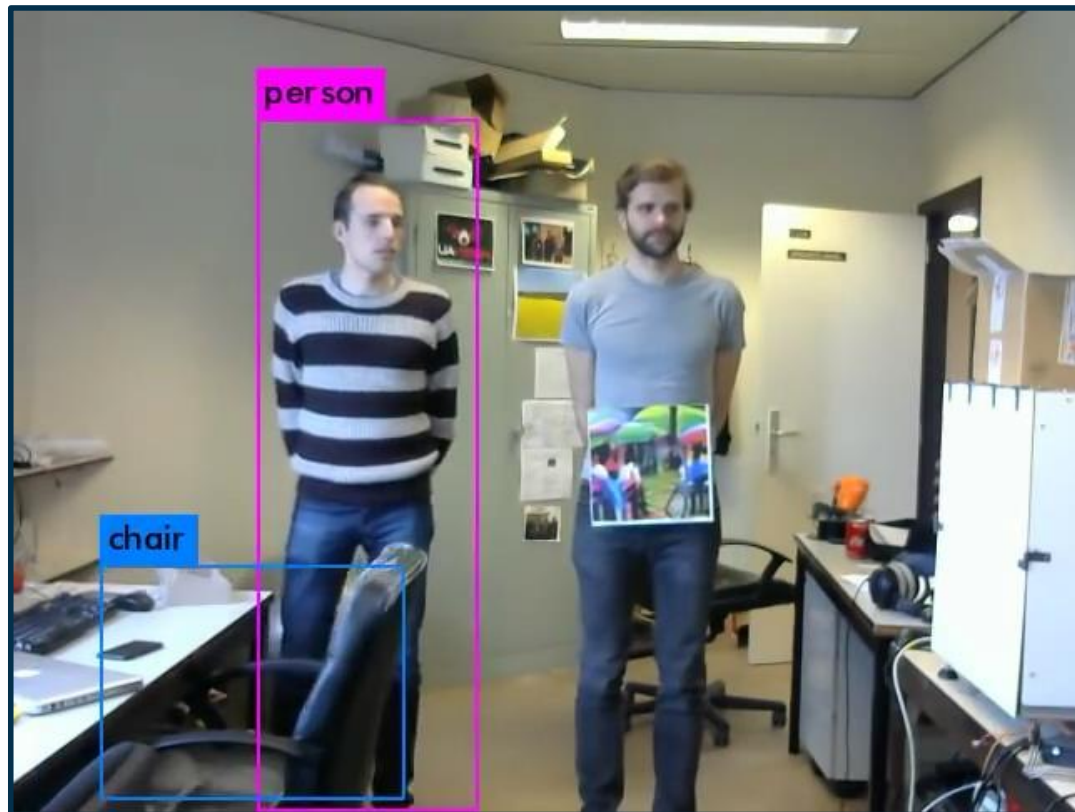
By **JAMES VINCENT**

Mar 8, 2021, 2:49 PM GMT+1 | [0 Comments](#)



Need to trick OpenAI's latest vision system? Simply add a handwritten label to your target. Image: OpenAI

Smart Home: Lacking Common Sense



The Red Queen Hypothesis

Fed up with facial recognition cameras monitoring your every move? Italian fashion may have the answer

By Elliott Gotkine, CNN

Updated 6:31 AM EST, Mon January 16, 2023



Marco B. Orsini

Cap_able is an Italian startup whose first project is the Manifesto Collection, with knitted garments that shield facial recognition.

Lacking Intra Device Collaboration

Video of Tesla on Autopilot crashing into truck kicks off online debate

Users noted that Autopilot might not be capable of spotting stationary objects

Web Desk | June 06, 2020 17:45 IST



A screengrab from the video of Tesla Model 3 (white) crashing into the overturn truck

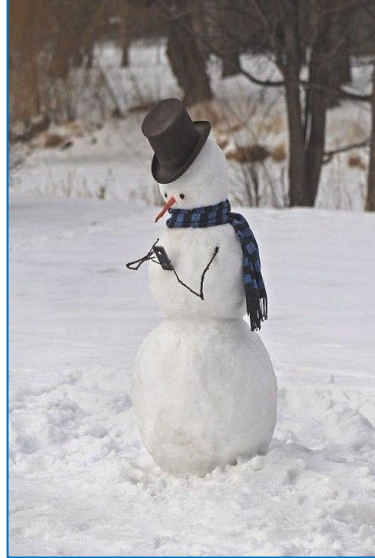
Visible light



Thermal enhanced video



Lacking Concepts & Abstraction



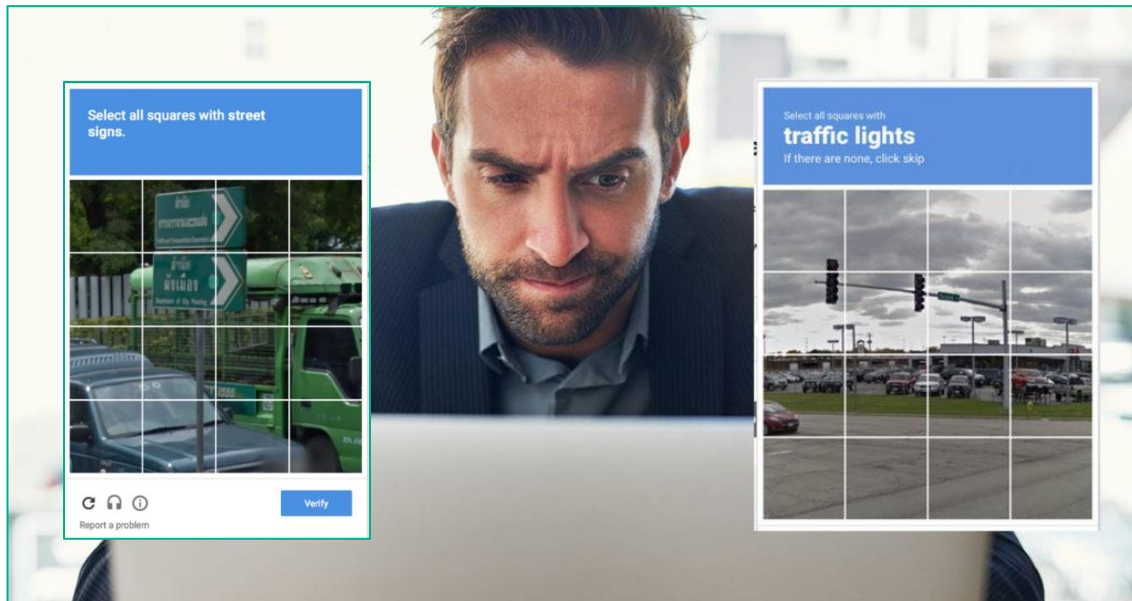
Lacking Concepts & Abstraction

Google's Self-Driving Cars Use Halloween to Learn to Recognize Costumed Kids

Halloween is a tough time for autonomous car systems. What is an AI to make of a ghost running across the street, or a giant butterfly fluttering by?



Lacking Concepts & Abstraction

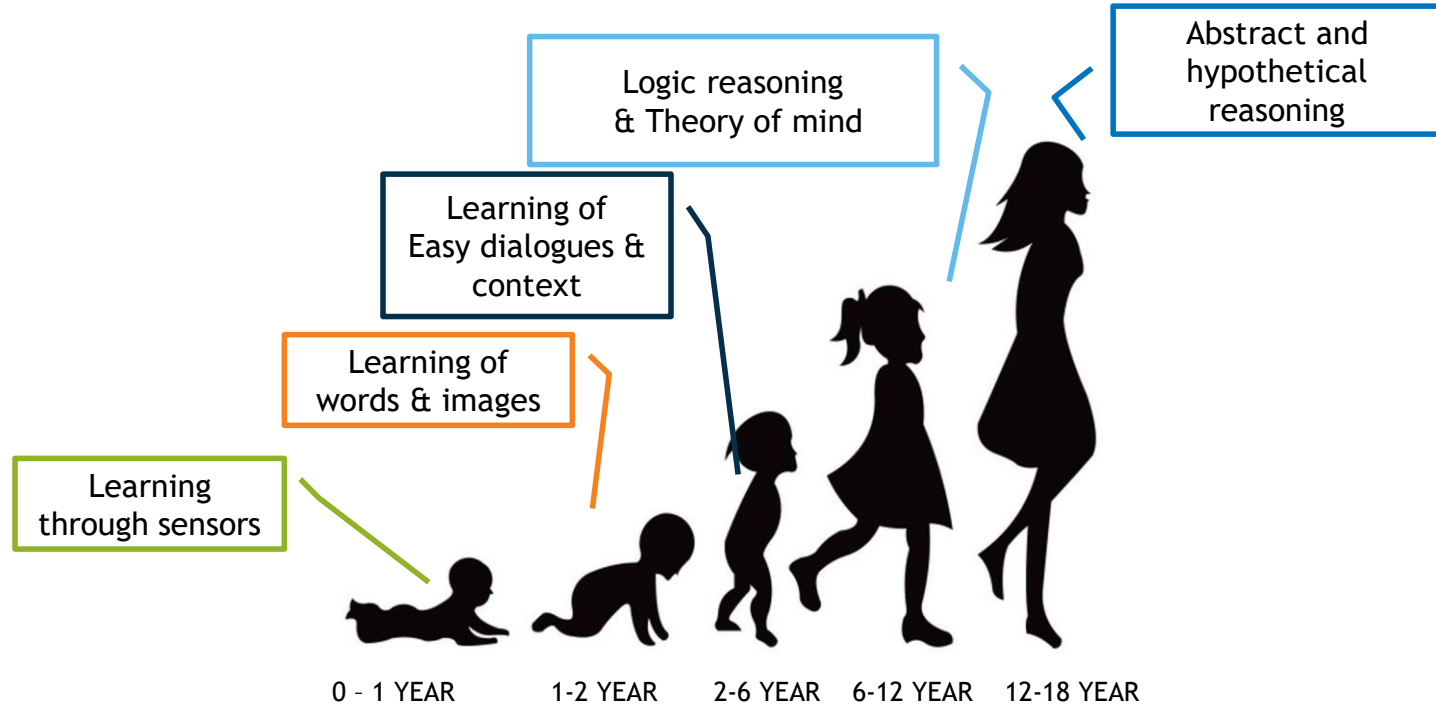


Correlations versus Causality

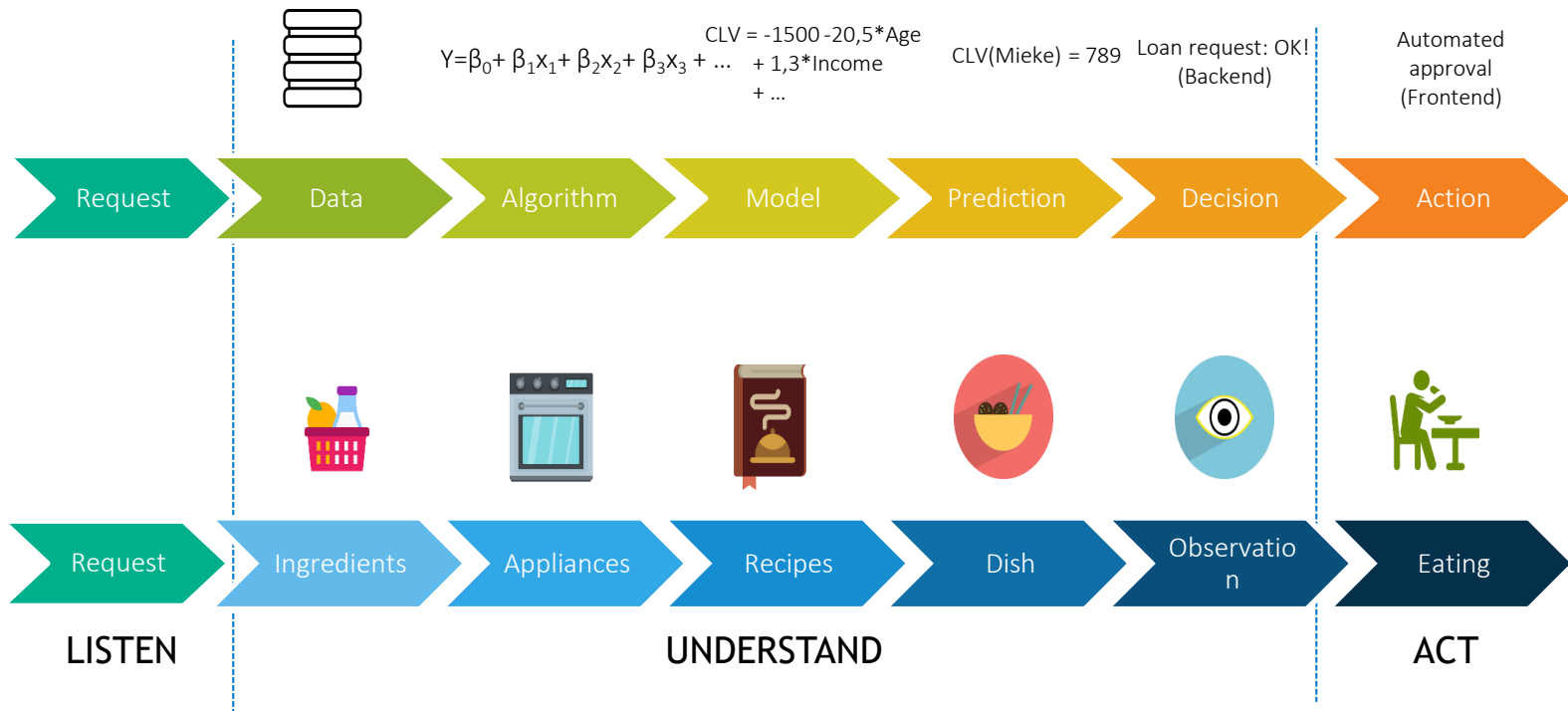


[If AI's So Smart, Why Can't It Grasp Cause and Effect? | WIRED](#)

Human Learning



The Process



The Power of Autogeneration: Fun ...



AUTOGENERATED ART

LOST
TAPES
OF THE
27 CLUB

AUTOGENERATED MUSIC

The Power of Autogeneration: Fun ...

<http://makemeazombie.com>



AUTOGENERATED IMAGES

The Power of Autogeneration ... or Danger?

Deepfakes: An insurance industry threat

From bogus claims to reputational damage, the ability of synthetic media to seemingly bend reality is an emerging menace with a far reach.

By **Nicos Vekiarides** | September 14, 2021 at 12:00 AM












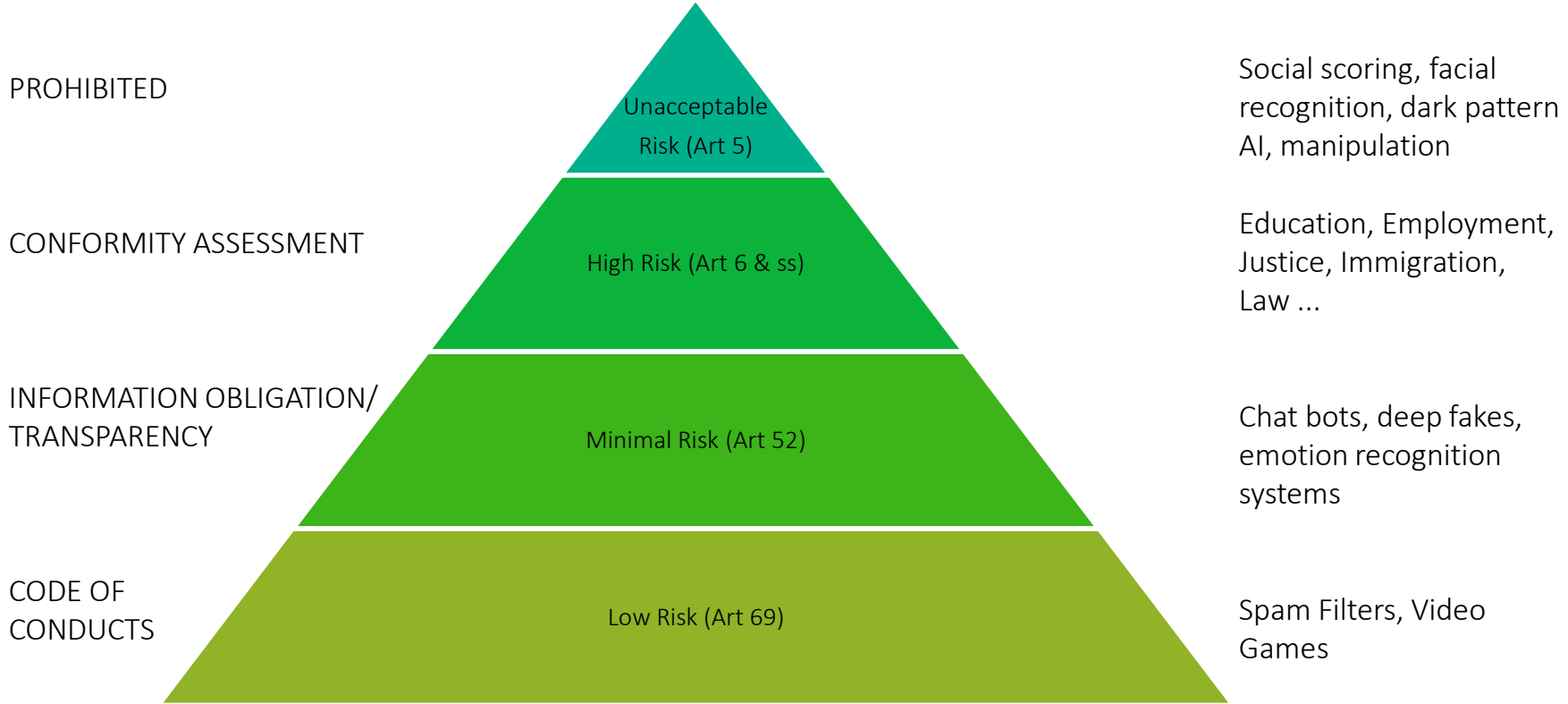

EDITORS' PICK | Oct 14, 2021, 07:01am EDT

Fraudsters Cloned Company Director's Voice In \$35 Million Bank Heist, Police Find

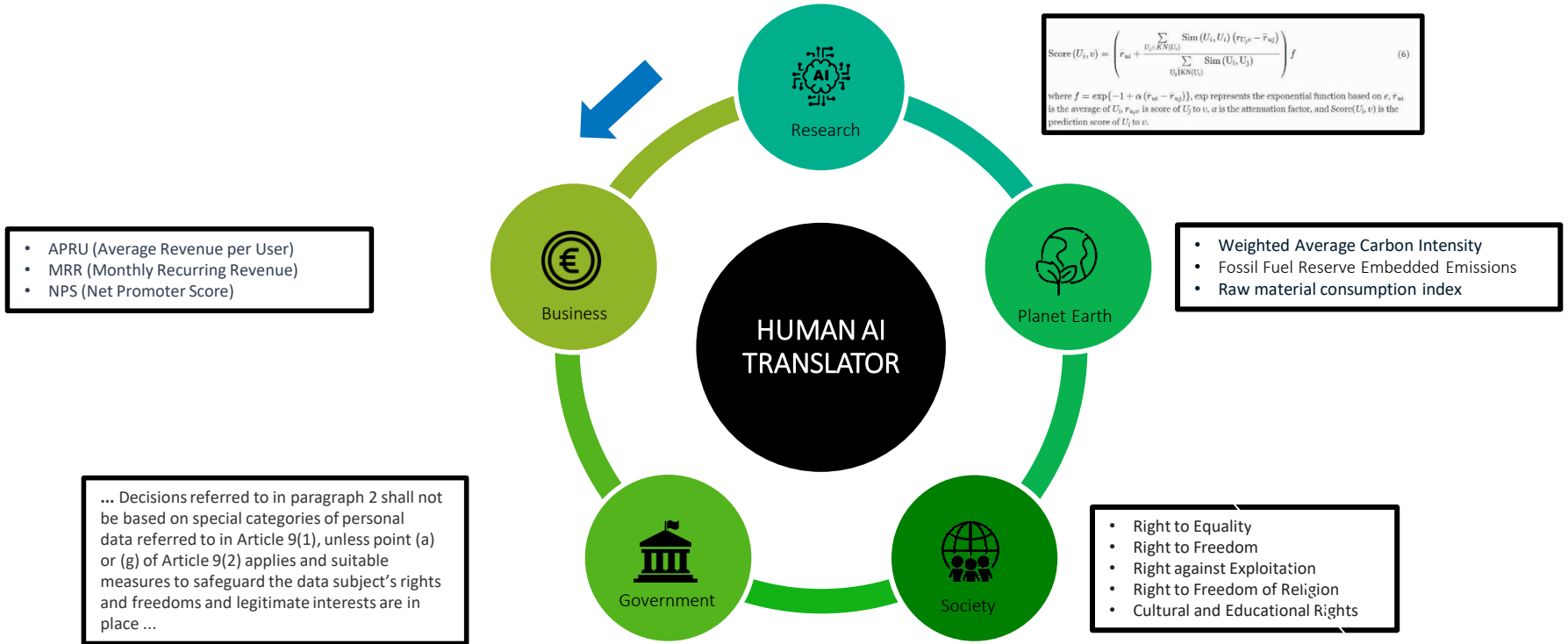
 **Thomas Brewster** Forbes Staff
Cybersecurity
Associate editor at Forbes, covering cybercrime, privacy, security and surveillance.   



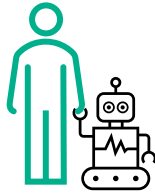
Risk Based Approach



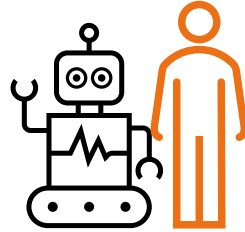
AI Tomorrow



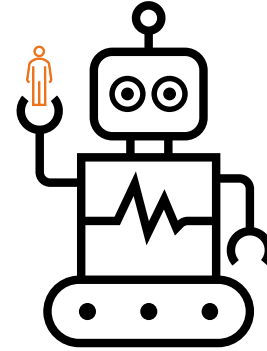
Wanted: Human AI Translators



NARROW AI



BROAD AI



GENERAL AI

Geertrui Mieke De Ketelaere

MENS VERSUS MACHINE

Artificiële intelligentie
ontrafeld

PELCKMANS

Geertrui Mieke De Ketelaere

HOMME VERSUS MACHINE

L'intelligence artificielle
démystifiée

PELCKMANS

Geertrui Mieke De Ketelaere

WANTED: HUMAN-AI TRANSLATORS

Artificial Intelligence
Demystified

PELCKMANS

Geertrui Mieke De Ketelaere

MENSCH ODER MASCHINE

Künstliche Intelligenz
entwirrt

PELCKMANS