



Sul futuro prossimo dell'AI

Luciano Floridi | @Floridi

Professor and Founding Director, Digital Ethics Center, Yale University
Professor of Sociology of Culture and Communication, University of Bologna

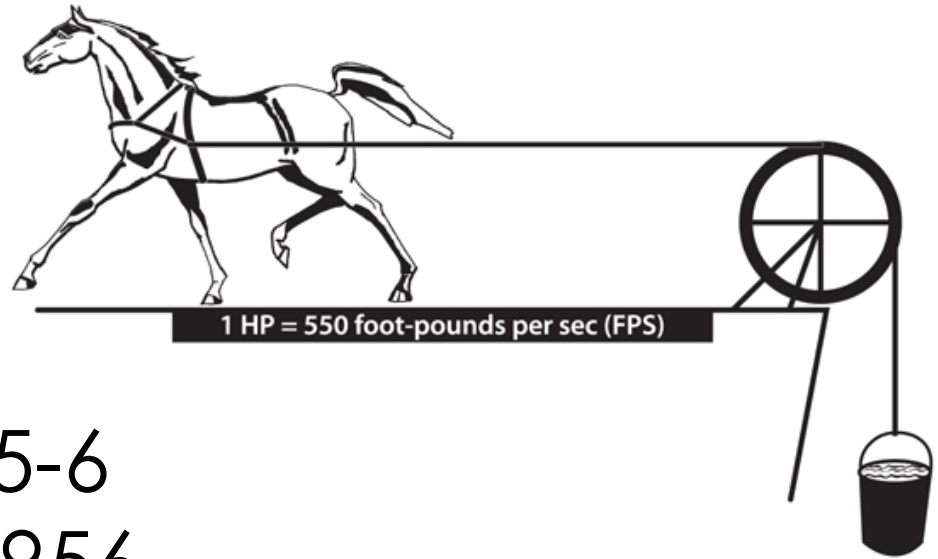
James Watt 1780

Shannon 1952

John McCarthy 1955-6

Newell and Simon 1956

Francis Schmitt 1960s



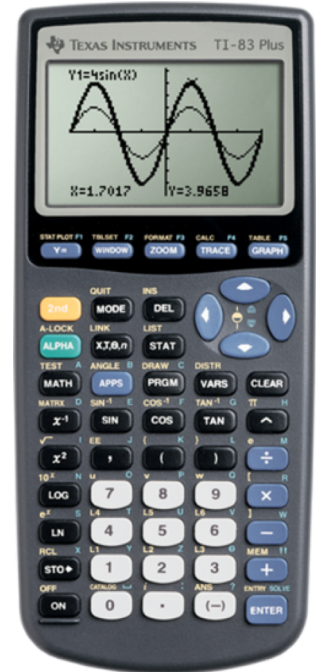
ChatGPT : language = calculator : maths

Good analogy

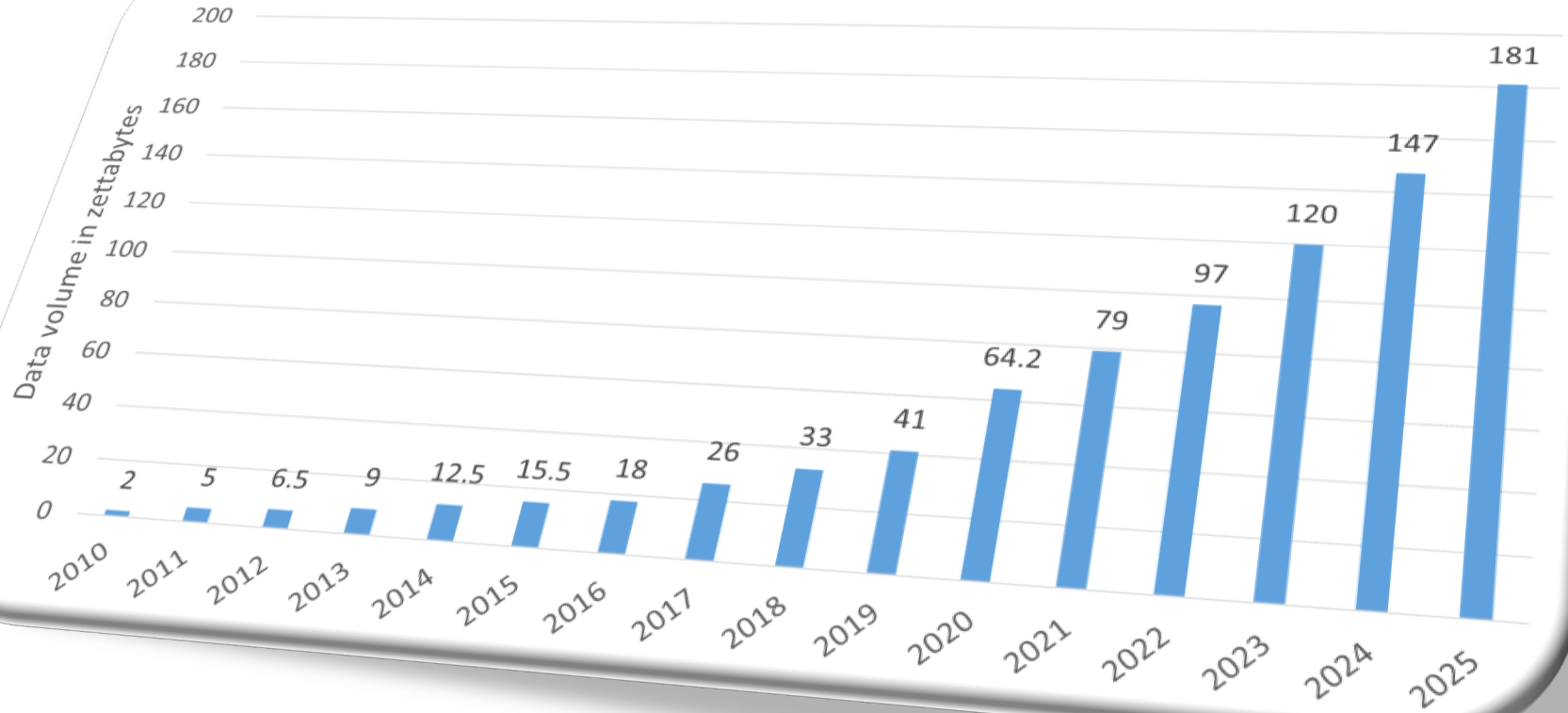
- Not a database
- Not intelligence, conscious, etc.
- No understanding
- Not a (stochastic) parrot

Bad analogy

But: not algorithmically deterministic.



Volume of data created and replicated worldwide (source: IDC)





Service management

Real-time Trans. Monitoring
Dynamic Pricing and Offers
Personalized financial rec.
Customer Service Automation
Faster Payment Processing

Content management

Transaction categorization
Transaction reconciliation
Automated Invoice Processing
Automated Compliance
Smart contract verification
Market analysis

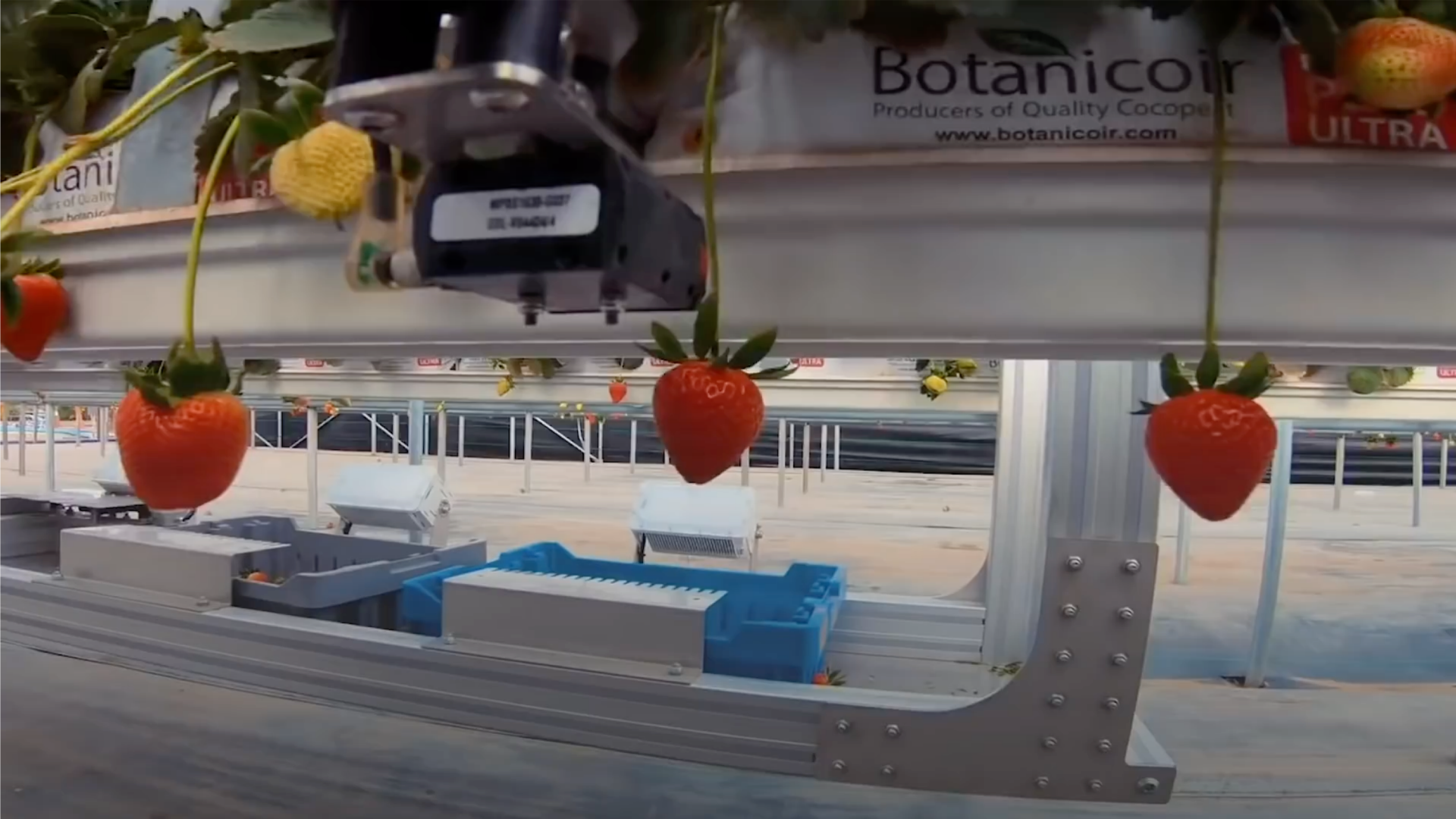
Trends management

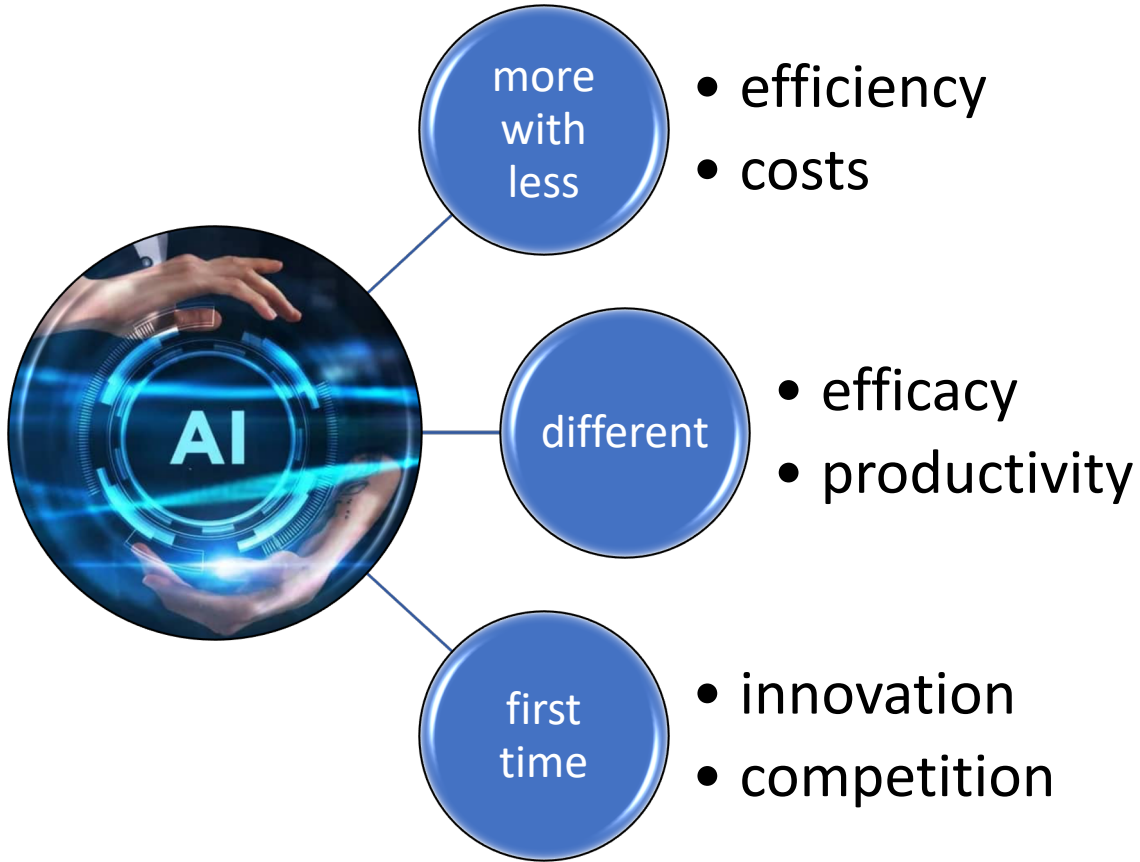
Transaction Anomaly Detection
Fraud detection and prevention
Risk assesment
Payment Predictions
Payment Forecasts and Trends
Credit scoring

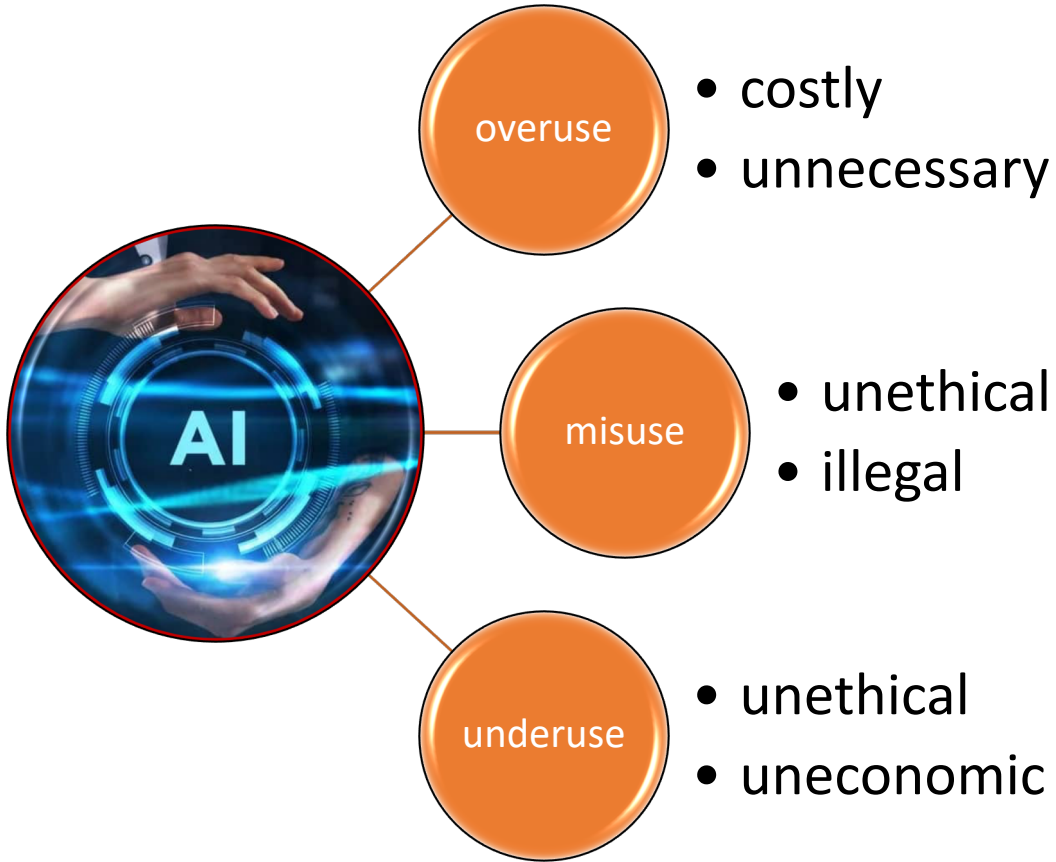
Botanicoir
Producers of Quality Cocomel
www.botanicoir.com

ULTRA

MP12120-007
TEL. 954424







Copyright infringement (training data).

Plagiarism (texts produced).

Trade secrets and confidential information (memorised data).

Authorship and ownership (whose output?).

Moral rights (derivative output).

Liability (whose legal headaches?), see also accountability and transparency.

Bias and discrimination (e.g. fairness and equal treatment).

Misinformation and manipulation (hallucinations).

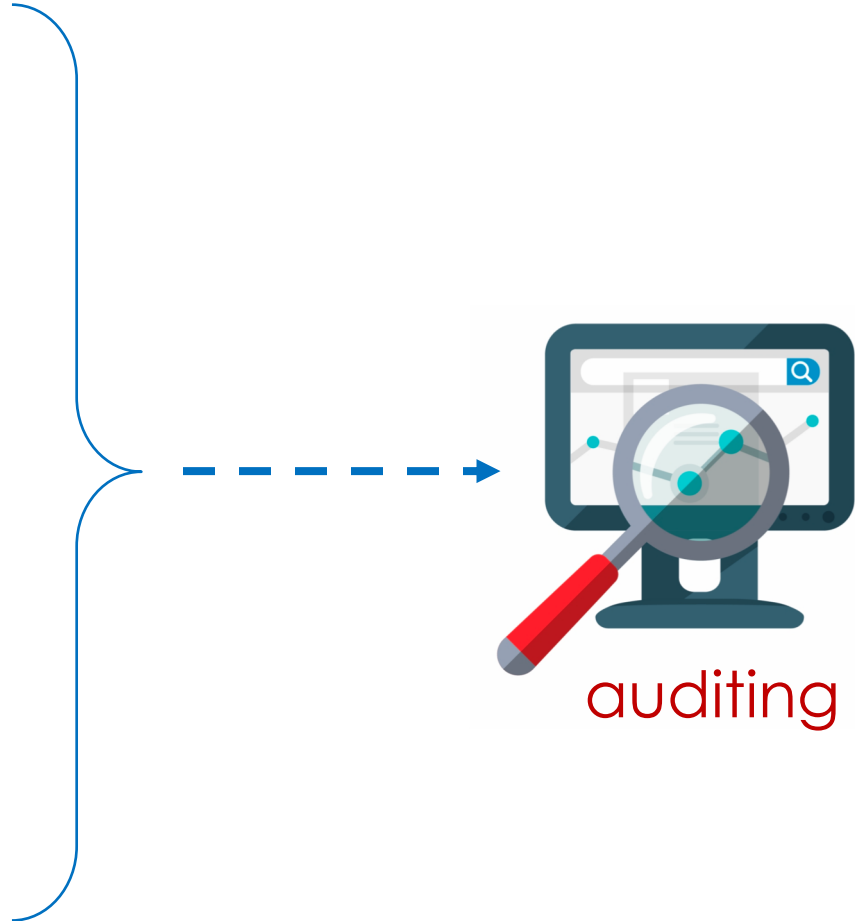
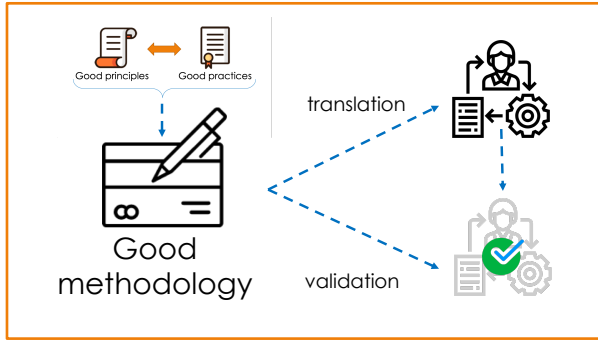
Privacy and data protection (training and usage data).

Content moderation and censorship (who decides?).

Digital deception (deepfakes, cheating).

Number of AI-Related Bills Passed into Law Globally







Top 10 accounting firms by revenue:

Deloitte – \$47.6 billion (Deloitte Info)

PwC – \$43 billion (PwC Info)

EY – \$37.2 billion (EY Info)

KPMG – \$29.75 billion (KPMG Info)

BDO – \$9.6 billion (BDO Acc. F.I.)

Grant Thornton \$ 5.45 billion

RSM – \$5.37 billion

Crowe Horwath \$ 4.3 billion

Nexia International \$4.3 billion

Baker Tilly \$3.4 billion



Insurance = translation of risk into cost

IP Law



IBM logo.
Chris J. Ratcliffe/Bloomberg

Sept. 28, 2023, 5:00 PM EDT

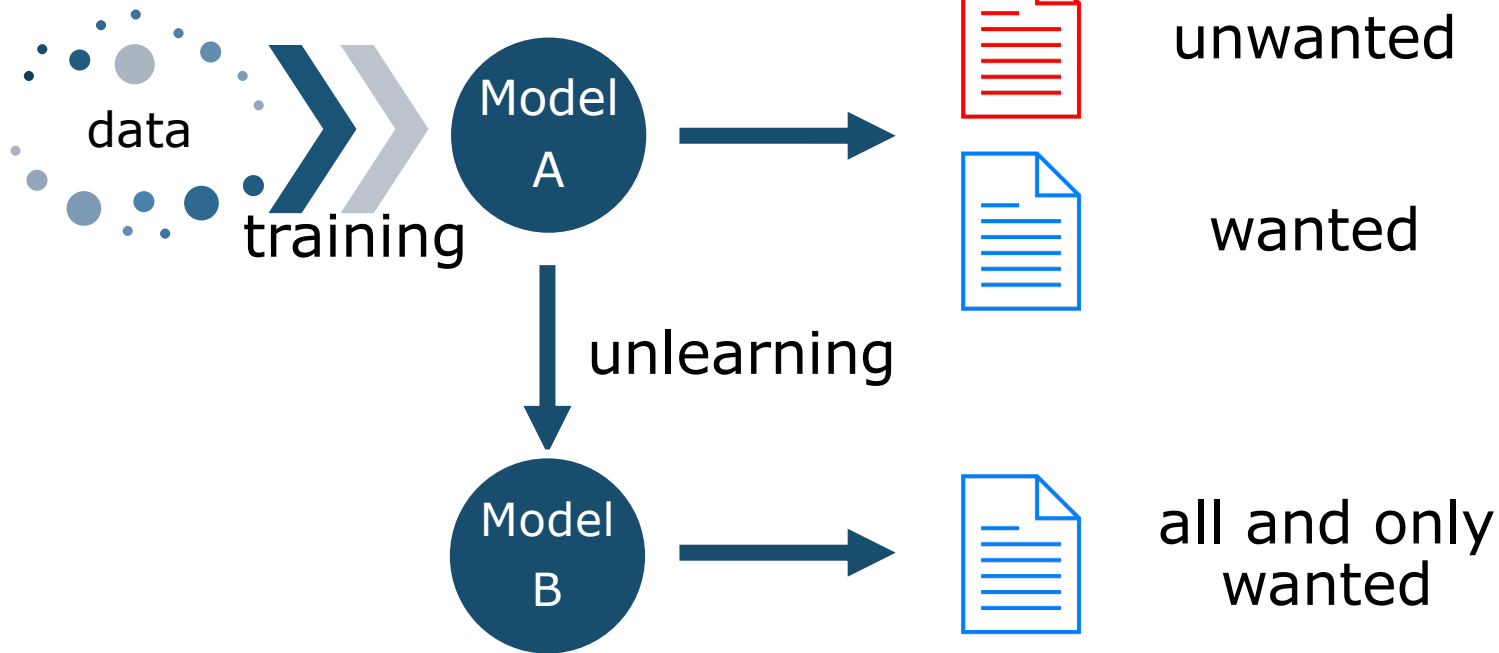
IBM Joins Microsoft, Adobe in Protecting AI Customers From Suits



Isaiah Poritz
Legal Reporter



Machine Unlearning



A woman with dark hair, wearing a blue and white striped shirt, is holding a tablet computer. She is looking towards the right. The background is a digital interface with various data visualizations, including line graphs, bar charts, and network diagrams. The overall color scheme is blue and white, with some orange and yellow highlights. The text is overlaid on the image in a clean, sans-serif font.

the new challenge is not
technological innovation but
the governance of the digital

A hand is shown holding a glowing green globe. Inside the globe, a vibrant green plant with large leaves is growing. The globe is surrounded by a circular arrangement of icons connected by a thin white line. The icons include: a sun, an oil pumpjack, solar panels, a gas pump, a corn cob, a leaf with a water drop, a recycling symbol, and a wind turbine. The background is a soft-focus green field.

The new collars are green (stewardship)



Thank you

Luciano Floridi | @Floridi

Professor and Founding Director, Digital Ethics Center, Yale University
Professor of Sociology of Culture and Communication, University of Bologna