

The Scientific Revolution - 1500-1700

- Power Source: The Scientific Method discovering truth through observation, experiment, and math.
- Names made famous:
 - Galileo (evidence over authority), Newton (laws of motion, gravity) and Kepler (planetary motion)
- Changed Society:
 - Created professions of scientists, engineers, mathematicians
 - Laid intellectual groundwork for industry, medicine, navigation
 - Increased literacy and demand for education
- Big Impact: It gave humanity a reliable way to understand the world, enabling every revolution that followed.





- Steam Power, Textiles, Steel Manufacturing, Machinery, Railways
- Farms to Factory jobs, Small to Large Business, Rural to Urban population, incomes rise
- Productivity Explodes



1750-1850

1st Industrial Revolution

Steam Power, Textiles, Steel
Manufacturing, Machinery,
Railways
Farms to Factory jobs, Small to
Large Business, Rural to Urban
population, incomes rise

Productivity Explodes

1914-1950

The War Revolutions

Nuclear Power, Aircraft,
Radio, Weapons, Synthetic
Materials
War Production, Women in
Workforce, Government control,
suburban explosion
Innovation Explodes

2020 - Now

The AI Revolution

Data Power, Algorithms,
Robotics, Scale, Intelligence,
Machine Learning
Mass Information, Data control,
Corporate control, bad actors
arrive
Misinformation Explodes

1500ad

1500-1700

The Scientific Revolution

Knowledge Power, Science,
Empirical Discovery,
Evidence of Truth
New professions, Universities,
Telescopes, Scientific Method
Academia is born
Infrormation Explodes

1870-1915

2nd Industrial Revolution

Oil Power, Telephone,
Combustion Engine, Mass
Production
Skilled professions, Factory work
improves, Productivity
Skyrockets, Middle class explode
Jobs Explode

1970-2020

The Digital Revolution

Computer Power, Personal Computers, Internet, Cell Phones

New industries & professions, information stream automation, globalization, Social Media

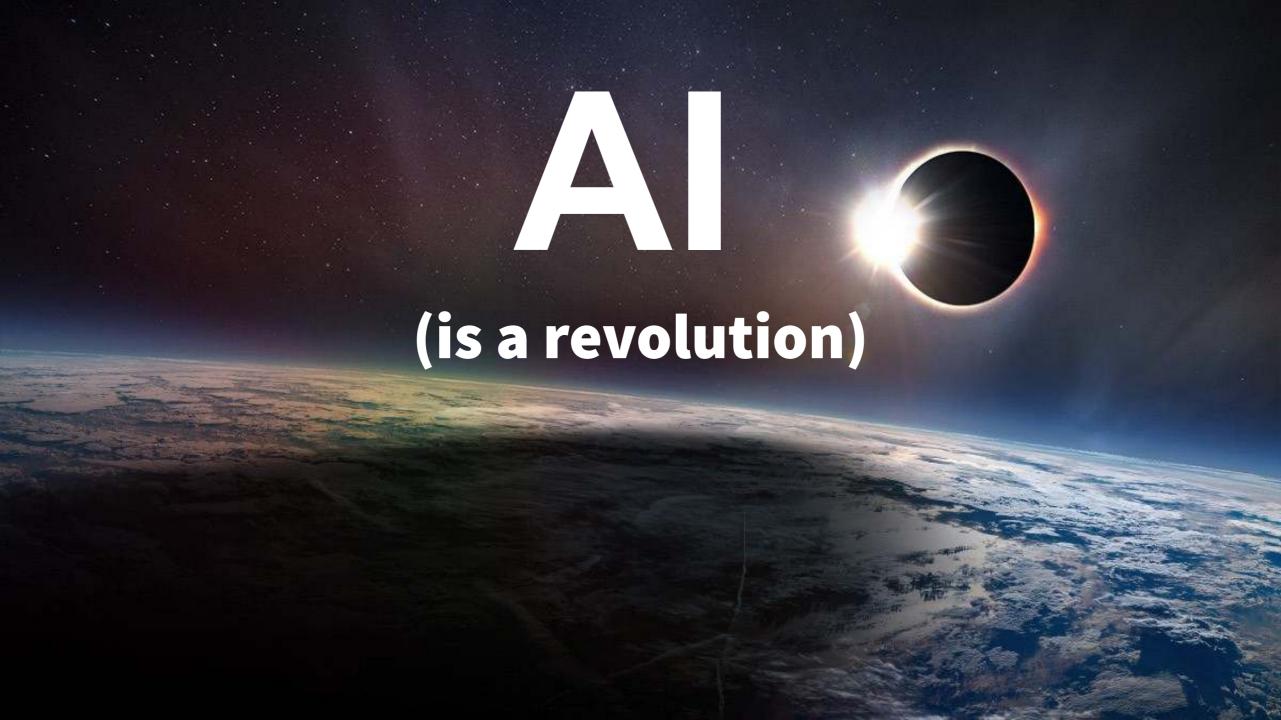
Knowledge Explodes

1914-1950 **The War Revolutions** 1750-Nuclear Power, Aircraft, 1st Industrial Radio, Wea 2020 - Now Steam Power, 1 Ma Manufactur' \{ The Al Revolution War Produc Data Power, Algorithms, Workforce, Gc suburba Robotics, Scale, Intelligence, 18 Historica! 2nd Indust Machine Learning Mass Information, wer, T Misinformation, Corporate 1500-11 concentration, bad actors The D The Scientific Jobs Contract Massively Compu Oil Power, Tel Computers, I าet, Cell **Combustion En** Phor.es **Product** New industries & professions, Skilled professions information stream automation, improves, Pro globalization, Social Media Skyrockets, Middle Jobs Expand

Jobs Exploae

- 1. Consolidated power upward
- 2. Widened wealth inequality
- 3. Increased institutional reach
- 4. Diminished privacy and freedom

Al is projected to amplify all four trends to levels





1750-1850

1st Industrial Revolution

Steam Power, Textiles, Steel
Manufacturing, Machinery,
Railways
Farms to Factory jobs, Small to
Large Business, Rural to Urban
population, incomes rise

Jobs Expand

1914-1950

The War Revolutions

Nuclear Power, Aircraft,
Radio, Weapons, Synthetic
Materials
War Production, Women in
Workforce, Government control,
suburban explosion
Historical Job Expansion

2020 - Now

The Al Revolution

Data Power, Algorithms,
Robotics, Scale, Intelligence,
Machine Learning
Mass Information,
Misinformation, Corporate
concentration, bad actors
Jobs Contract Massively



1870-1915

2nd Industrial Revolution

Oil Power, Telephone,
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Production
Skilled professions, Factory work
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Skyrockets, Middle class explode
Jobs Explode

1970-2020

The Digital Revolution

Computer Power, Personal
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New industries & professions,
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ARTIFICIAL INTELLIGENCE

is the ability of computer machines to perform tasks that normally require human intelligence, such as learning, reasoning, problem-solving, perception, and decision-making. Essentially, it is technology that enables computer systems to process data, perceive their environment, and act to achieve specific goals, adapting their behavior based on experience.



Al is in

(traffic light control systems, power grid load balancing, credit card fraud detection, Google Maps routing, online banking risk models, mortgage and loan approval engines, email spam filtering, website customer-service chatbots, social media content ranking algorithms, Netflix recommendation systems, YouTube recommendations, Spotify music engines, smartphone camera image processing, predictive text and autocorrect, online shopping recommendation engines, grocery and retail supply-chain forecasting, targeted digital advertising, ride-share pricing, warehouse automation systems, facial recognition unlocking on phones, voicemail transcription, spam call blocking, airline dynamic pricing systems

"I believe that at the end of the century the use of words and general educated opinion will have altered so much that one will be able to speak of machines thinking without expecting to be contradicted".

ALAN TURING (1950)



Al can sound authoritative

- Turing imagined "thinking machines," but he didn't foresee how persuasive they would become:
- Al can mimic empathy
- Al can influence emotions
- Al can generate propaganda
- Al can shape opinions subtly

We now treat machine-generated language as **trusted**, even when it's wrong or biased.



Trusting Al over human reasoning

- Al systems now write documents, answer questions, give advice, and make decisions—often with more confidence than humans.
 The dark side:
- People accept Al's answers as "truth"
- Critical thinking is weakening
- Manufactured mistakes can spread faster
- In short: we outsource thought to the machine.



Al Machines are defining "truth"

- Not intentionally... but in practice.
 - Search results are Al-ranked
 - Recommendations are AI-filtered
 - Information is Al-generated
 - Conversations are Al-mediated The danger: We mistake algorithmic output for reality.



Human vs Al content is blurring

- Turing predicted acceptance.
 He didn't predict blurred identity:
- Many social media posts are Al
- News articles are Al
- Images are Al
- Videos and "deepfakes" are Al
- Soon: voices, conversations, entire personalities
- People increasingly cannot tell who is thinking or who is speaking.

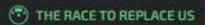


No human beats Al's global influence

- Turing imagined machines that think.
 What we have are machines that predict, simulate, and persuade at massive scale.
- This power can be used for:
- mass surveillance
- behavioral prediction
- political manipulation
- corporate influence
- social control







Anthropic chief says AI could surpass "almost all humans at almost everything" shortly after 2027

Amodei: "I think progress really is as fast as people think it is."

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⇒ A photo of co-founder and CEO of Anthropic, Dario Amodel, dated May 22, 2024. Credit: Chesnot via Getty Images

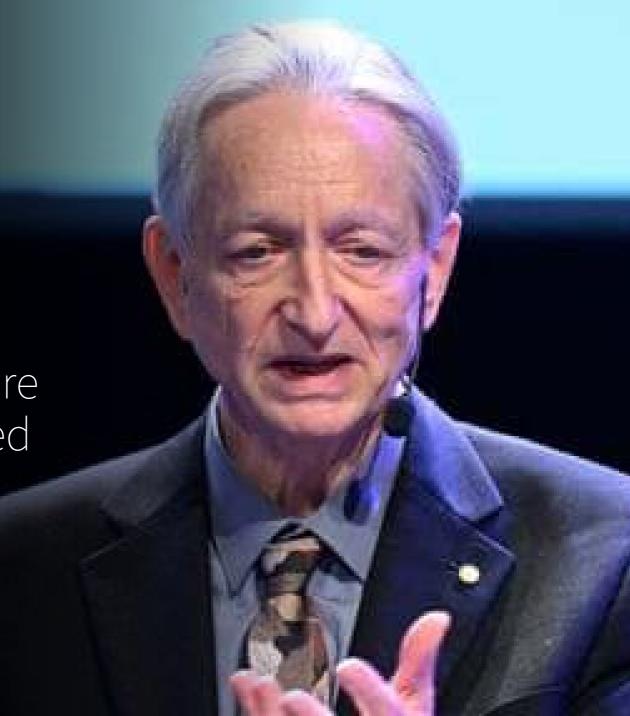
Past revolutions controlled energy, industry, materials, or information.

- AI controls intelligence itself.
- Whoever controls intelligence controls:
 - Stock markets
 - Labour force
 - Social narratives
 - culture
 - innovation
 - politics
 - warfare



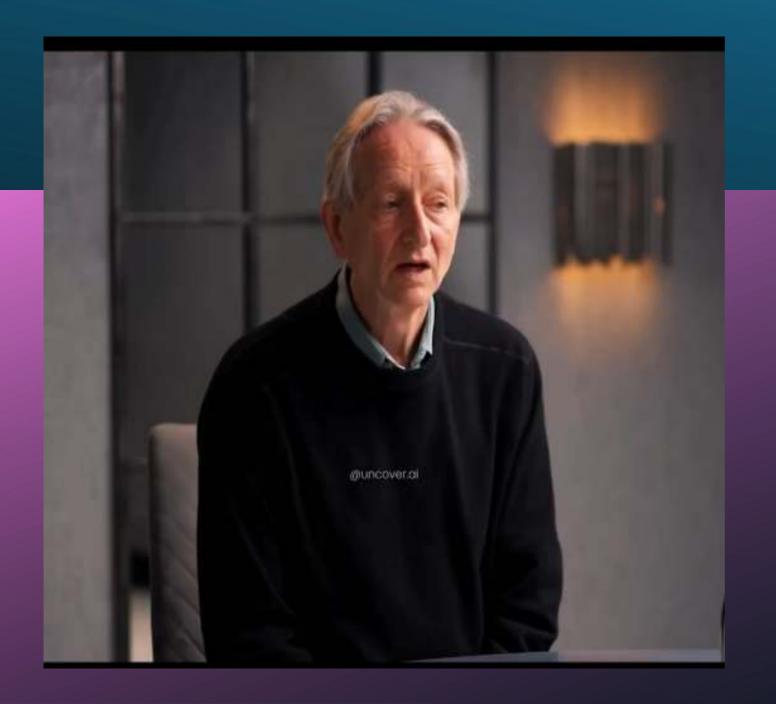
"We've never had to deal with things more intelligent than ourselves before...how many examples do you know of a more intelligent thing being controlled by a less intelligent thing?

Geoffrey Hinton: 2025



A and the Global Takeover of Humanity





A and the Global Takeover of Humanity

Al and the Global Takeover of Humanity



and the Global Takeover of Humanity





Almost all (business) survey respondents say their organizations are using AI, and many have begun to use AI agents.

McKinsey and Company Survey July of this year



Human Ambition and the Tower of Babel (Genesis 11:1-9)

- The Tower of Babel account is one of the clearest biblical parallels to humanity's drive toward technological domination.
- Humanity united to "make a name for ourselves" (v.4) through a vast project of human ingenuity and control.
- God intervened, not because of the tower itself, but because of the *spirit behind it* the desire to be self-sufficient and independent of Him.
- **Lesson:** The Bible warns that human innovation without humility or moral restraint leads to confusion, division, and judgment.
- Al can be seen as a modern "Babel moment" humanity pushing the limits of knowledge and power, but often without moral anchoring or spiritual guidance.



Knowledge Without Wisdom (Daniel 12:4)

- Daniel was told that in "the time of the end... many shall run to and fro, and knowledge shall increase."
- This increase in *knowledge* not necessarily *wisdom* aligns remarkably with the explosion of information and computing power in the modern era.
- Yet, despite all this "knowledge," humanity still struggles with moral confusion and conflict.
- **Lesson:** The Bible distinguishes between *knowledge* (data, intelligence, information) and *wisdom* (spiritual understanding and moral discernment). All represents an enormous growth in human knowledge but the same ancient question remains: *Will we use it wisely or foolishly?*



The Image That Speaks (Revelation 13:14–15)

- One intriguing passage describes an "image" made by men that is given breath and can speak, causing people to worship it. Some interpreters have noted that this could symbolically resemble an artificial or lifelike system, animated and powerful in influence.
- The "image of the beast" may represent a man-made imitation of life that becomes an object of awe and submission.
- Whether literal or symbolic, the principle fits: humanity creating something in its own image that ultimately rules over it.





God's Sovereignty Over Human Innovation

- Finally, the Bible repeatedly affirms that **God remains sovereign**, even as human inventions multiply.
- "The LORD brings the counsel of the nations to nothing; He frustrates the plans of the peoples." Psalm 33:10
- So while technology and AI may shape the world's systems and even threaten autonomy or truth, Scripture reminds believers that **the**Creator remains in control. The challenge is not technology itself—
 it's whether humanity uses it *in service to God or in rebellion against Him.*

