Generative AI: Future

Generative AI

Future Paths

Anti-technology view: safety behind, dystopia ahead.

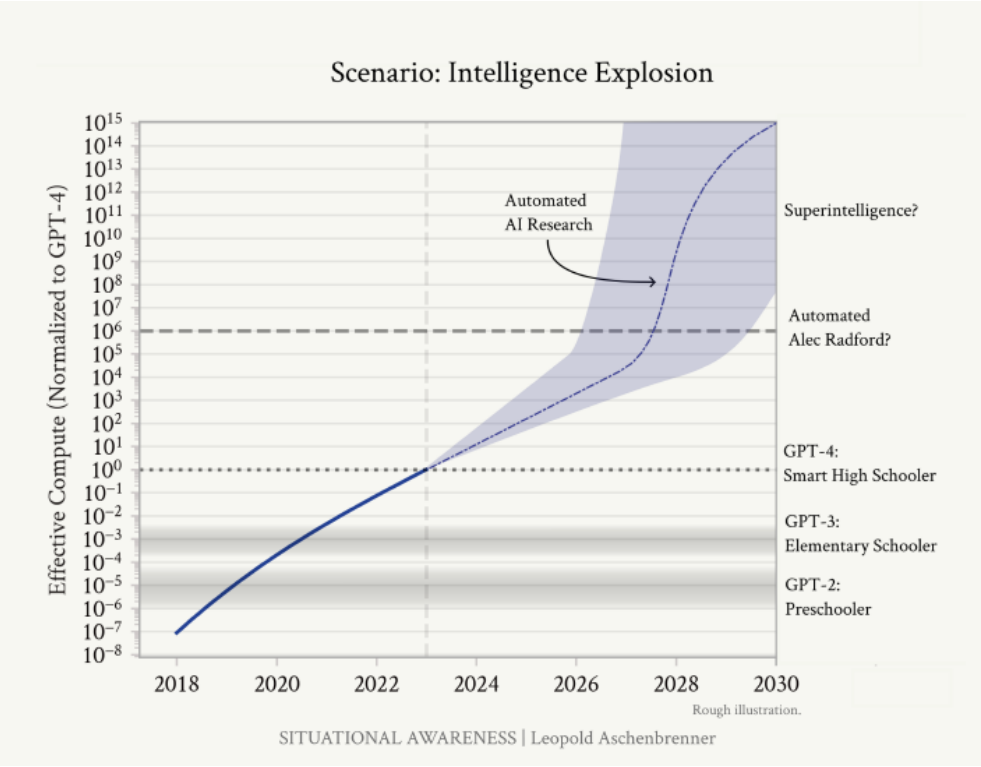
Accelerationist view: dangers behind, utopia ahead.

My view: dangers behind, but multiple paths forward ahead: some good, some bad.

Source: Vitalik Buterin on X, https://x.com/VitalikButerin/status/1729251808936362327

Generative AI

Compute and Intelligence



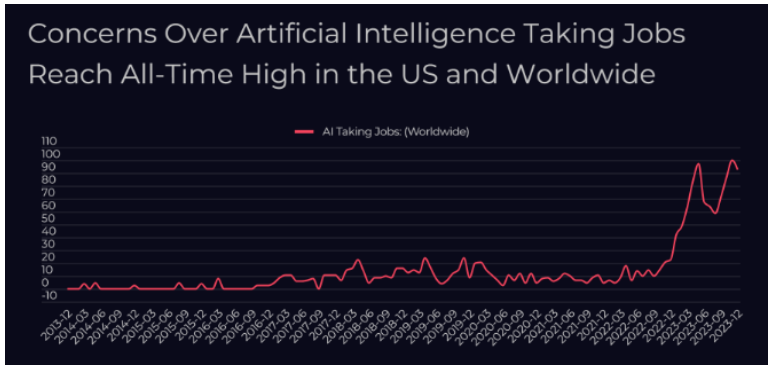
Growth mode	Date began to dominate	Doubling time of global economy (years)
Hunting	2,000,000 B.C.	230,000
Farming	4700 B.C.	860
Science/commerce	1730 A.D.	58
Industry	1903 A.D.	15
Superintelligence?	2030 A.D.?	???

Source: Leopold Aschenbrenner „Situational Awareness“

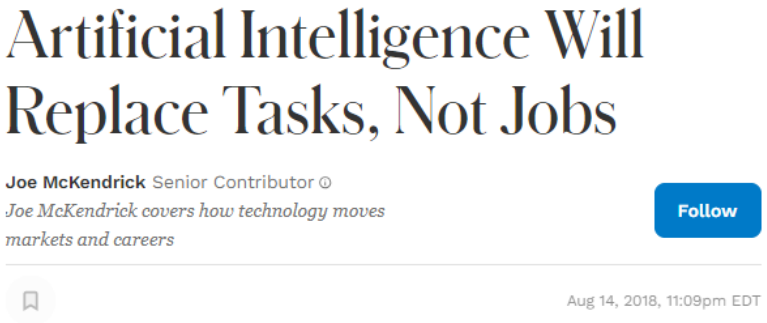
Jobs

Generative AI: Future

Jobs



Source: https://www.digitalinformationworld.com/2023/12/searches-for-ai-taking-jobs-soared-by.html



Artificial Intelligence Will Replace Tasks, Not Jobs

Joe McKendrick Senior Contributor

Joe McKendrick covers how technology moves markets and careers

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Aug 14, 2018, 11:09pm EDT

Source: https://www.forbes.com/sites/joemckendrick/2018/08/14/artificial-intelligence-will-replace-tasks-not-jobs/

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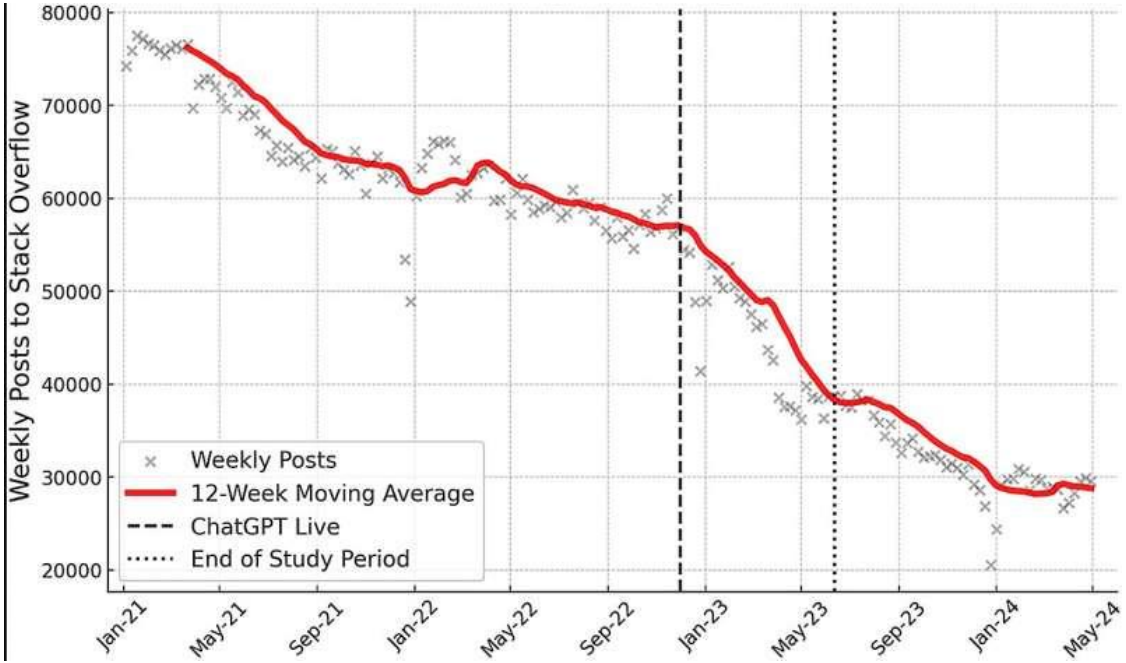
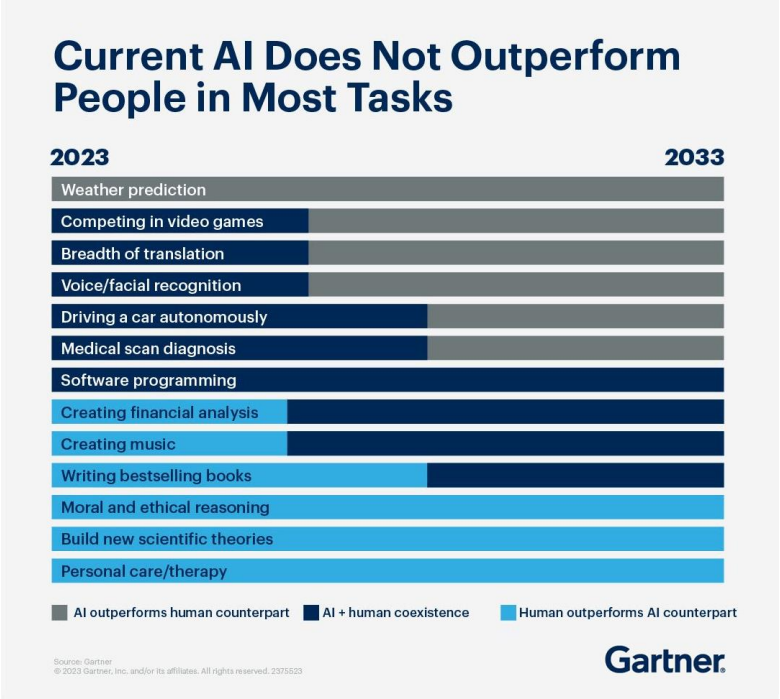
Jobs: Example Stackoverflow



Source: https://techxplore.com/news/2024-09-chatgpt-linked-decline-knowledge-online.html#google_vignette

Generative AI: Future

Jobs



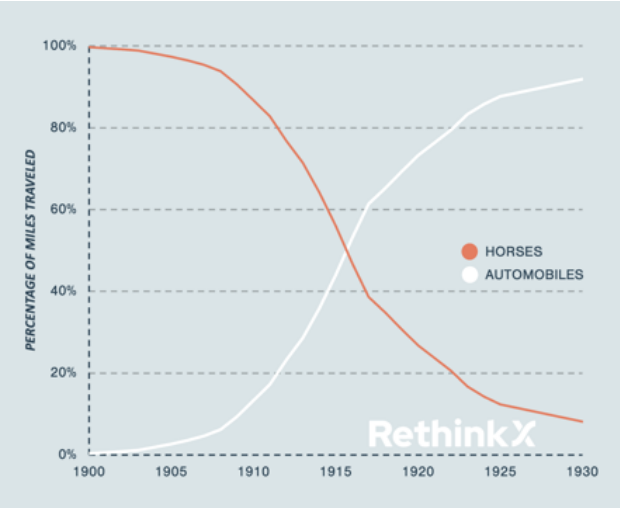
Source: https://www.digitalinformationworld.com/2023/12/study-shows-that-ai-wont-impact-jobs-by.html

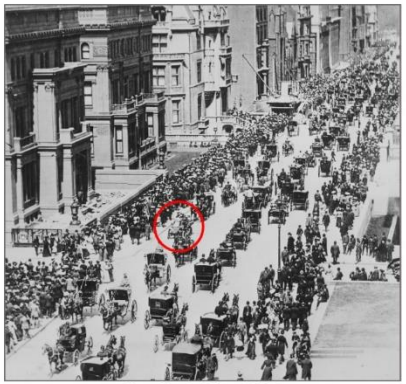
Robotics

Generative AI: Future

Robotics

- Between 1907 and 1922 horses went from 95% to <20% miles-travels




New York City, 1900

New York City, 1913

A factory in 2025

A factory in 2040

Source: RethinkX.com: „This time, we are the horses“, 09.05.2024