Accelerating discovery with open research data

JUNE 15, 2022

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Part I
2005

https://en.wikipedia.org/wiki/iPhone_(1st_generation)
1. Limit redundant effort
2. Enable collaboration
3. Support individual growth
4. Fix failures
5. Accelerate discovery
Google engineer put on leave after saying AI chatbot has become sentient

Blake Lemoine says system has perception of, and ability to express thoughts and feelings equivalent to a human child

Richard Luscombe
@richlusc
Sun 12 Jun 2022 18:36 BST

https://www.theguardian.com/technology/2022/jun/12/google-engineer-ai-bot-sentient-blake-lemoine
“The value of a data set increases with the number of other data sets being made available; allowing more correlations and cross linking… the benefit for science [will] only exponentially increase if the data sets are openly available and reproducible.”


* Former advisor on open access to the European Commission
Part II
1. Systems (a lot of systems!)
2. Policy
“Ultimately, the sharing of scientific data expedites the translation of research results into knowledge, products, and procedures to improve human health.”

3. Practice
4. Curation
“Ultimately, actionable knowledge and translation of its benefits to society will be handled by humans in the “machine era” for decades to come. But as computers are indispensable research assistants, we need to make what we publish understandable to them.”


* Former advisor on open access to the European Commission
5. Software
6. Power to realise
Part III
1. More data / data sharing
2. Enable reuse and discovery
3. Demonstrate reuse
4. Extend credit
An Open Data Publishing Platform & Community

Vision: All research data is openly available and routinely re-used

Mission: Enable and promote the re-use of research data
AN OPEN DATA PUBLISHING PLATFORM & COMMUNITY

- For all research domains
- Exclusively research data
- Fully curated
Responsible Principles of Open Scholarly Infrastructure
Accelerating discovery with open research data

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