

Extending the RIMS Ecosystem with AI

Trusted, Confident Co-Creation

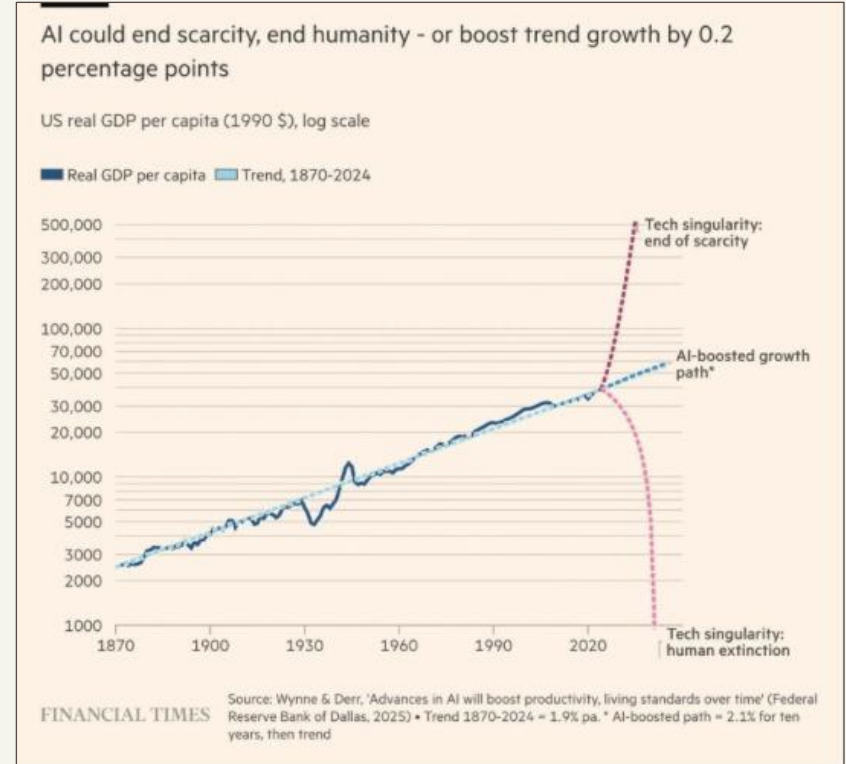
Malene Knudsen, Senior Product Manager for Integrations, Pure



Advancing human progress together

The impact of AI

- 99% of the discourse on AI is extreme
- Report from Financial Times showing how the majority of coverage on AI is either around utopian or dystopian narratives



Historically, we struggle to predict the full impact of new technologies

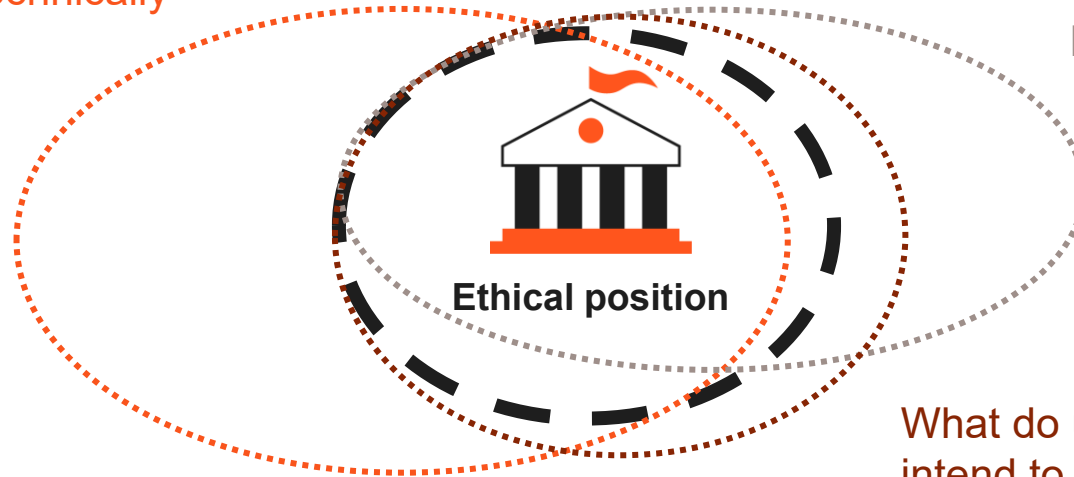
- Social science studies of other technological advances find the same polarities
- Radio, television, internet, social media
- All had real and material impacts on society, but not the ones that were necessarily predicted



We tend to over-emphasise the power of technology and under-estimate individual and institutional influence over how the technology evolves and gets adopted

What can technically
be done?

What can legally
be done?



AI exploration in Pure starts with institutional data ownership and responsible AI

Institutions remain in control of their data	Customer data is never used to train LLMs	Responsible AI principles guide all AI development	Enterprise-grade security and privacy safeguards
			
Institutions retain ownership, governance, and control over their data	Zero-retention agreements with OpenAI, Anthropic, Azure, and AWS Prompts and documents are not stored or used to train models	Elsevier applies five Responsible AI principles focused on: • Transparency • Safety and quality • Human oversight • Privacy and security • Ethical use of AI	Same security architecture, audits, and validation as all Elsevier products Data encrypted in transit (TLS 1.2+) and at rest (AES-256)

With these guardrails in place, the next question is where AI could deliver practical value for institutions.

“A simple AI chatbot over Pure data”

UX

Prompt engineering

Permissions & access control

Regional constraints and customer sensitivity to AI

Auditability & traceability

Hallucination risk mitigation

Trust & explainability

Evaluation frameworks & benchmarks

Organizational and delivery complexity

Human-in-the-loop validation

Unpredictable LLM cost at scale

Commercial model & monetization

Reliability at scale

Model & vendor changes

No one-size-fits-all AI

Legal / contractual constraints

When “almost right” is not acceptable

Pure API Enables.....



API-first: Pure API as the backbone for institutions to leverage *your* data and extend Pure.



Core **enabler of interoperability** and easy to plug into.



Consistent, **comprehensive API coverage** across core capabilities.

Some institutions are already experimenting with AI across research information workflows

**Getting data
into Pure**

**Improving
data quality**

**Chatting
with
research
data**

**Bring-
your-
own AI stack**

**Supporting
research
management
workflows**



Aalborg University

piloted generative AI to improve Pure metadata quality, including org type and country enrichment, keyword generation, media-name normalization, affiliation relevance checks, and impact-story drafting. It was a proof of concept, not production.

Source:

<https://www.youtube.com/watch?v=n5hnB5hM4OI>



Universitat Autònoma de Barcelona

used AI translation with Pure API workflows to detect non-English abstracts, translate Spanish/Catalan to English, and upload the results back to Pure to improve institutional fingerprinting.

Source:

https://youtu.be/jyPQpAF3_dU



University of Groningen

described a warehouse/lakehouse pulling data from Pure, SciVal, Scopus, OpenAlex, funders, and university systems. Follow-up includes agentic AI for Pure validation/import, data quality improvements EG. Cleanup of External organisations

Source:

<https://www.youtube.com/watch?v=Ju5a1SOHJcA>



Universidad de Monterrey

is building an internal AI system to organize & analyze publications, theses, conferences, projects, and impact narratives. It enables automated classification, trend detection, mapping societal contributions, and identifying theses with high impact potential.

Source:

<https://www.youtube.com/watch?v=ul0BqEGt8Vs>

“The goal isn’t to add AI. The goal is to improve how institutions work with Pure—every day, for real users.”

Thank you

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