

# Are you a Sciborg?

Sciborgs are a rare and exceptional group of experts in the biopharmaceutical industry. Find out who they are, why they're essential, and the impact they make — and maybe if you are one yourself.

## 5 defining traits of Sciborgs

- 1 Scientific Foundation**  
Have a solid science background, typically with an advanced degree and hands-on industry experience in biopharma or biotech.
- 2 Technology Expertise**  
Skilled in tech, particularly as it applies to scientific data workflows and environments, staying current with the latest tools and advancements.
- 3 Data Proficiency**  
Deeply understands scientific data, including its formats, data pipelines, relevant metadata, and how to use analytics and AI.
- 4 Business-driven Mindset**  
Focused on driving scientific and business value and delivering measurable outcomes that support strategic goals.
- 5 "Multilingual" Communication**  
Able to speak with scientists, data engineers, IT, and data scientists in their own "language," bridging the disciplines.

In short, Sciborgs live at the intersection of science, data, and AI with a laser focus on business outcomes.

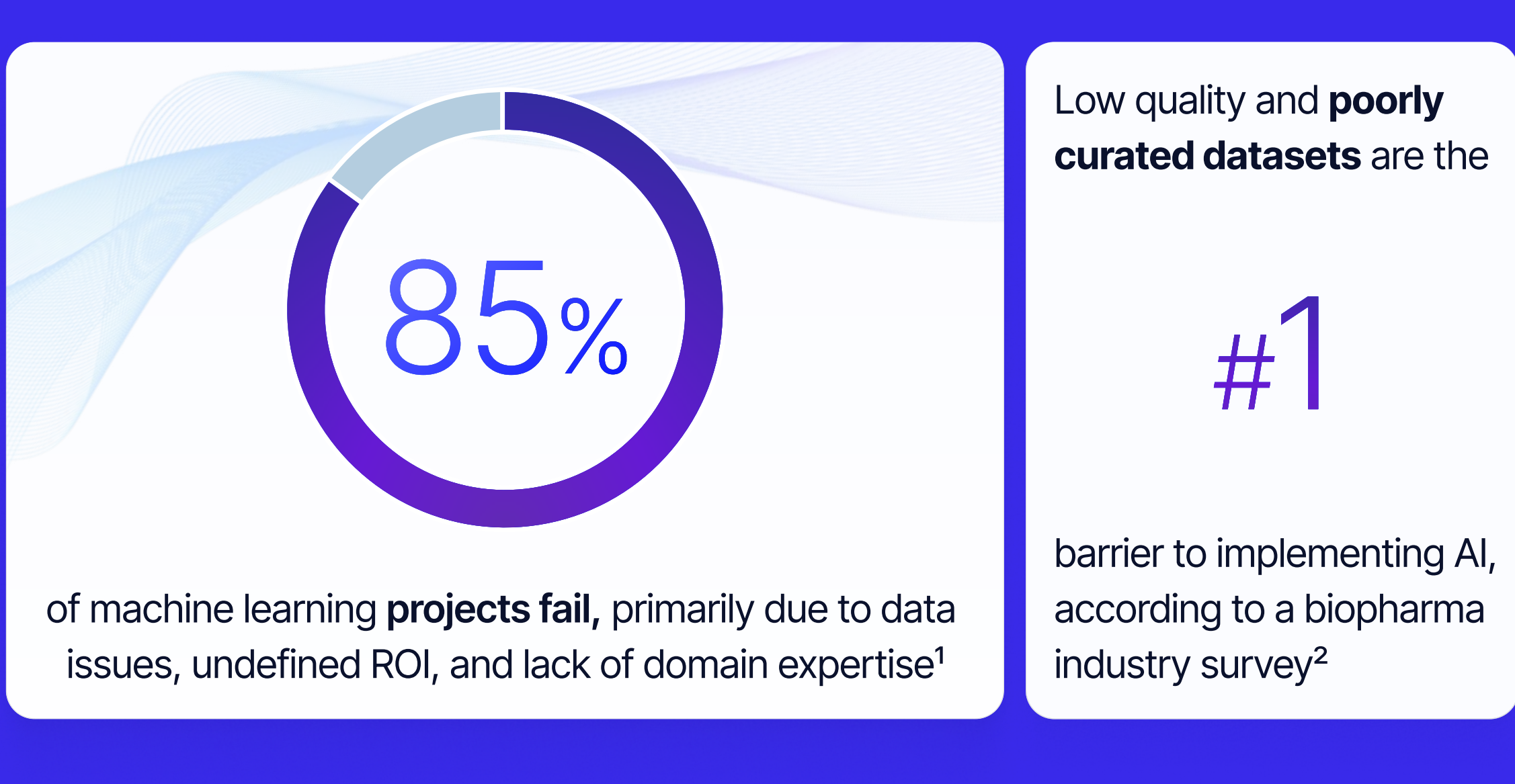
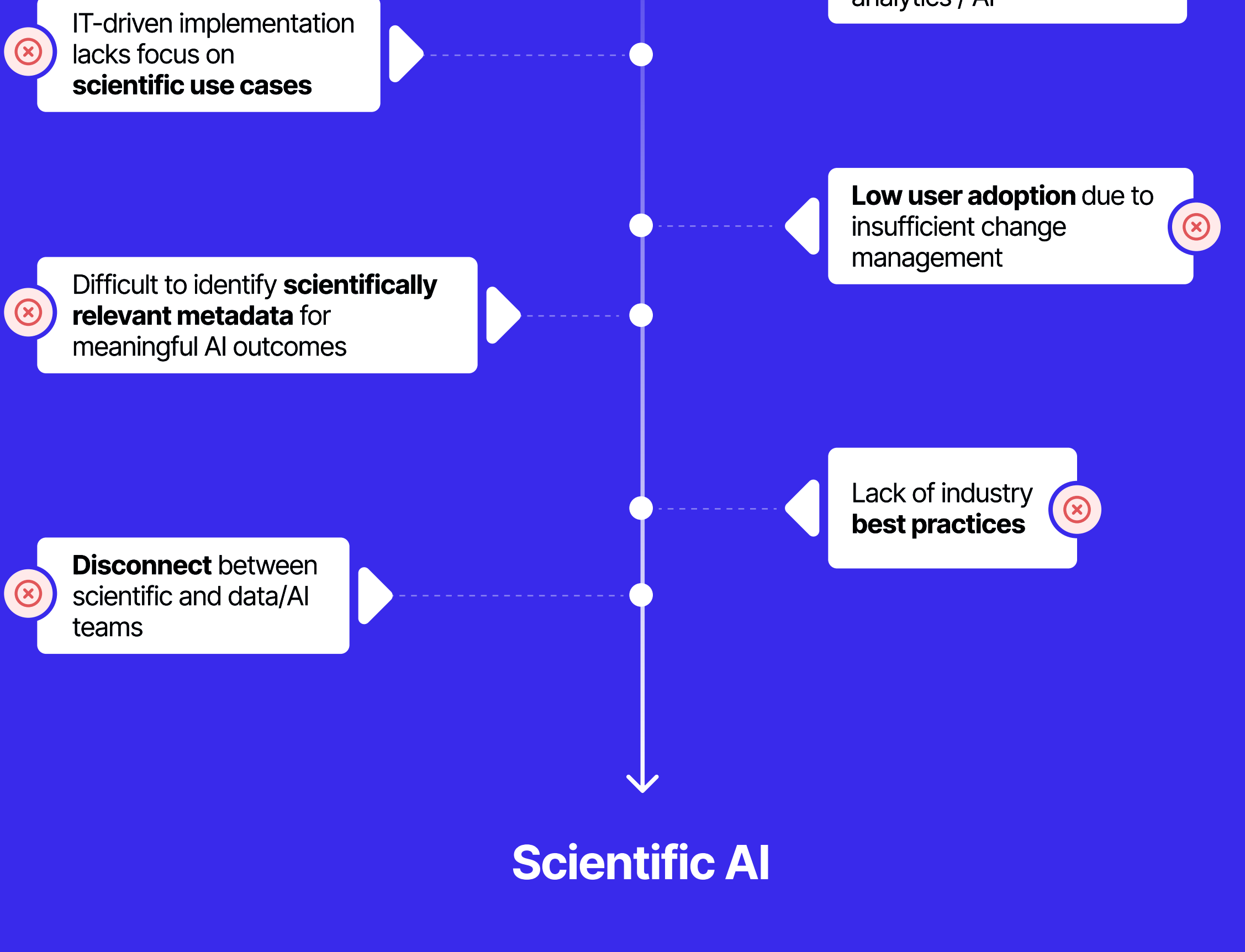
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## Challenges of AI in biopharma

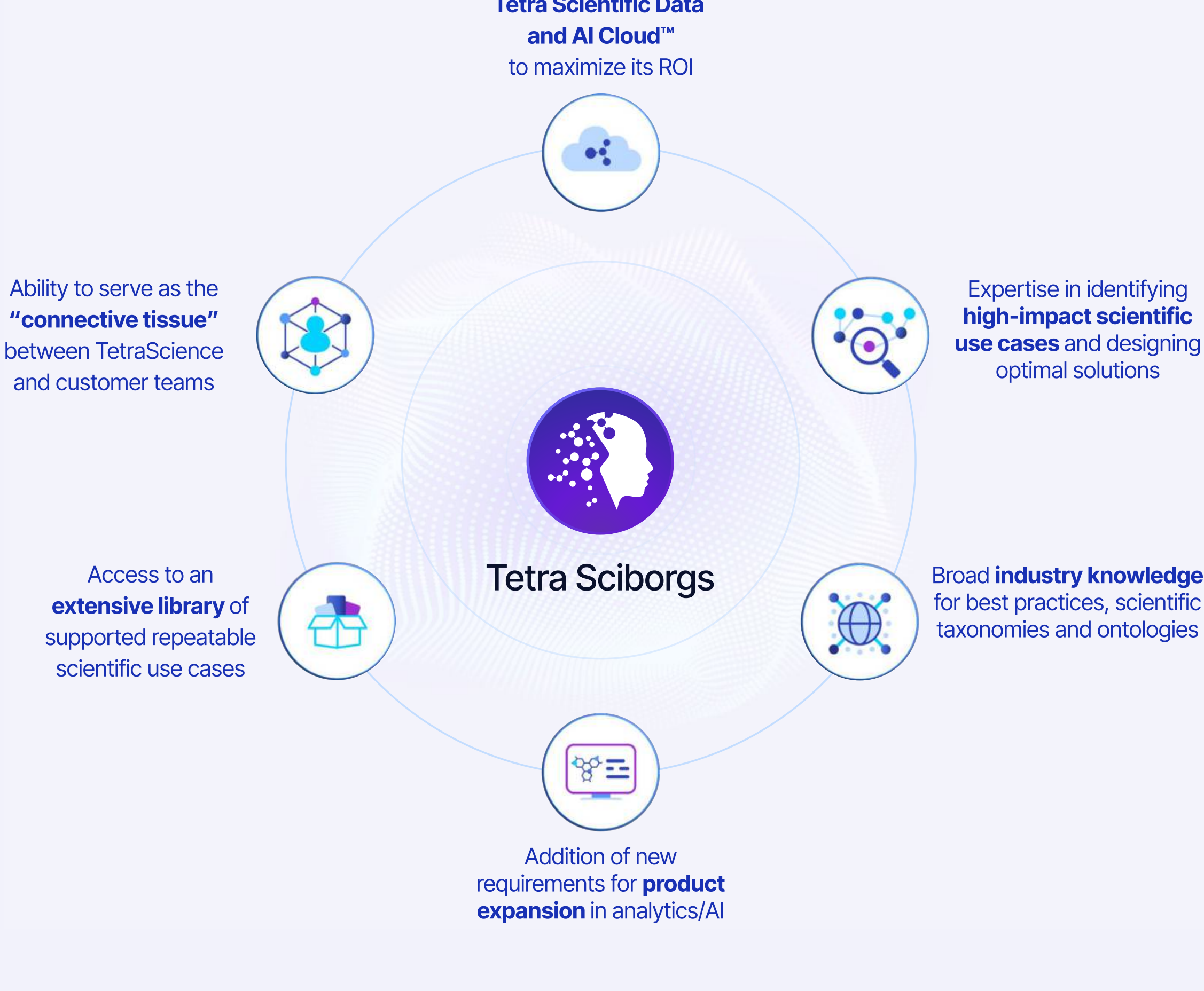
Sciborgs bring significant value to their organizations, often leading hybrid teams that drive business growth.

But companies trying to leverage analytics and AI at scale face obstacles that in-house Sciborgs typically can't overcome alone.



## Why Tetra Sciborgs

To support the Scientific AI journey of biopharma companies, **Tetra Sciborgs** possess all the critical traits described at the top, plus:

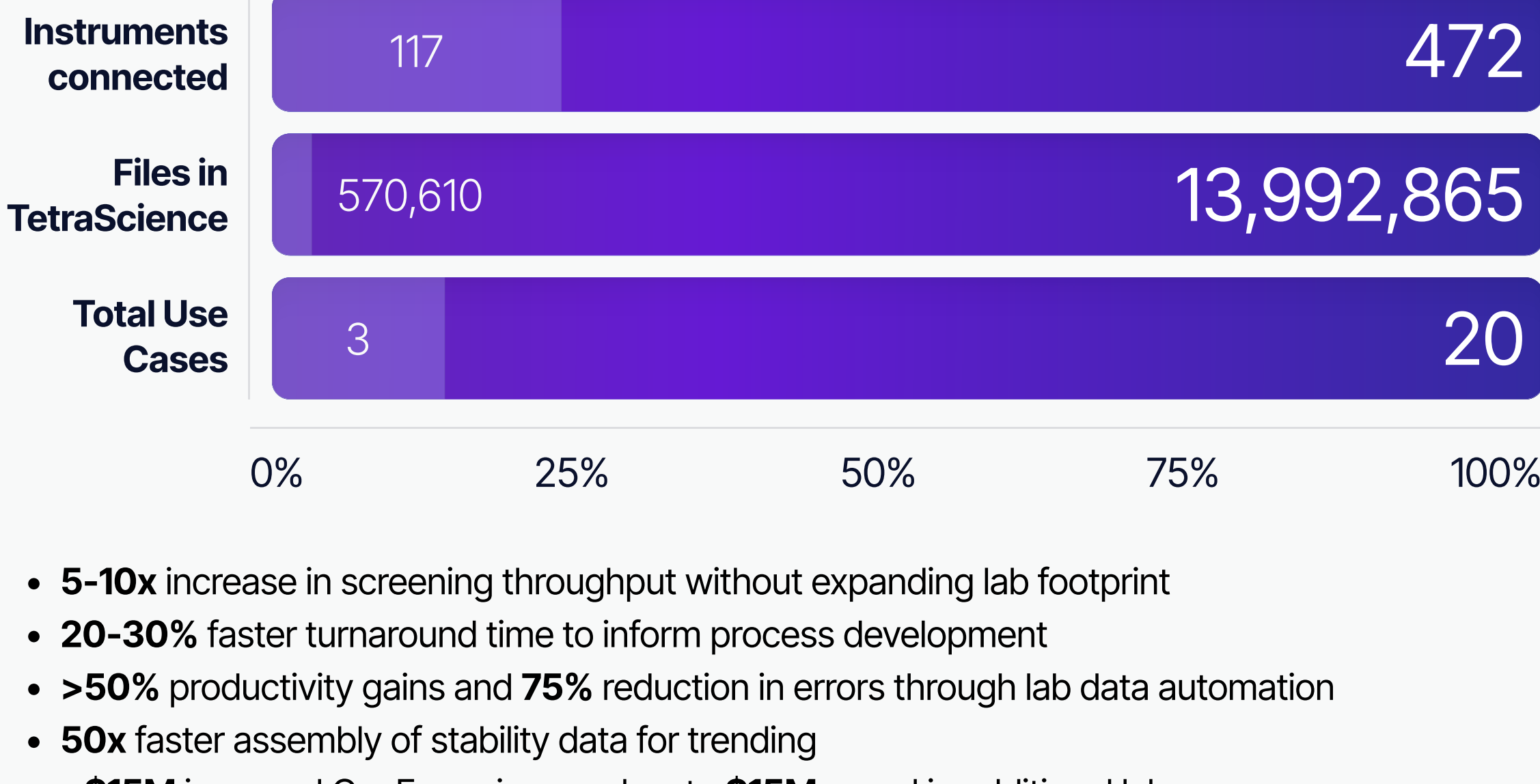


## Impact of Tetra Sciborgs

Tetra Sciborgs provide an outcomes-driven, end-to-end offering that establishes a solid foundation for advanced data science and AI. Key benefits include:

- Alignment of IT and business**
- Shorten time to value**
- Wide adoption of the new solution**
- Maximum return on investment**

## Real-world Success: A Top 20 Global Biopharma Company



- **5-10x** increase in screening throughput without expanding lab footprint
- **20-30%** faster turnaround time to inform process development
- **>50%** productivity gains and **75%** reduction in errors through lab data automation
- **50x** faster assembly of stability data for trending
- **>\$15M** in annual CapEx savings and up to **\$15M** saved in additional lab space

## What can Tetra Sciborgs do for you?

Get Started

## References

- Humera Malik, "Why 85% of Machine Learning Projects Fail – How to Avoid This," IIoT World, February 24, 2021, <https://www.iiot-world.com/industrial-iiot/connected-industry/why-85-of-machine-learning-projects-fail>
- Pistoia Alliance, "Lab of the Future 2023 Global Survey," 2023, <https://www.pistoiaalliance.org/lab-of-the-future-report-2023/>