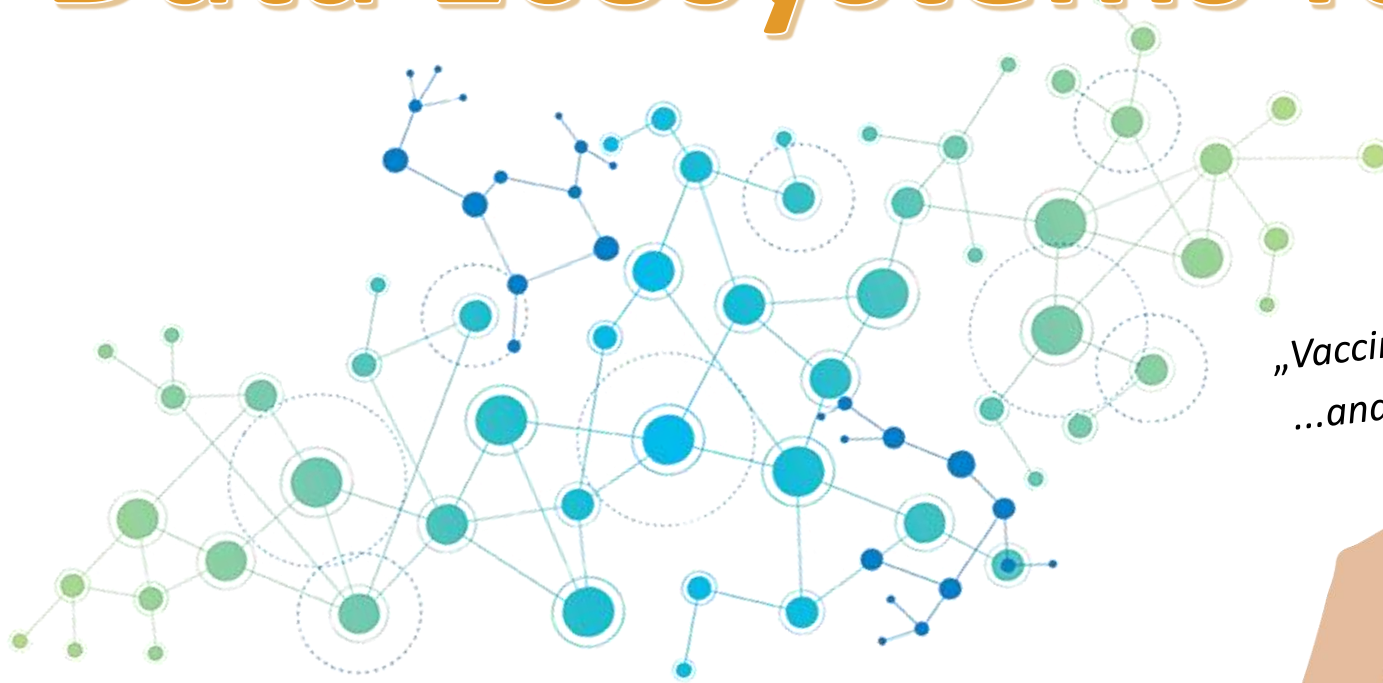
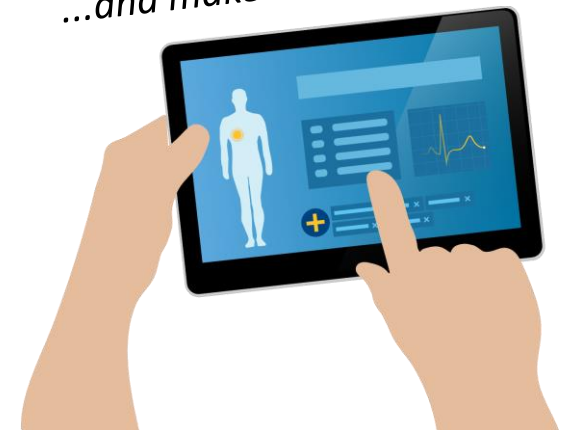




# The Power of Data Ecosystems for AI



*„Vaccinate Data against Abuse“  
...and make it shareable for AI*



# AI: Ready to deliver MOON SHOTS, but bear in mind ...



- Computing Power
- Appetite for Data
- AI Talent
- AI System Development
- Continuous Adaptation
- Regulation and Ethics

<https://www.linkedin.com/pulse/high-costs-developing-advanced-artificial-prof-ahmed-banafa-mpjic/>

[Prof. Ahmed Banafa](#)



# AI: The HIGHEST Investments ever made in IT History

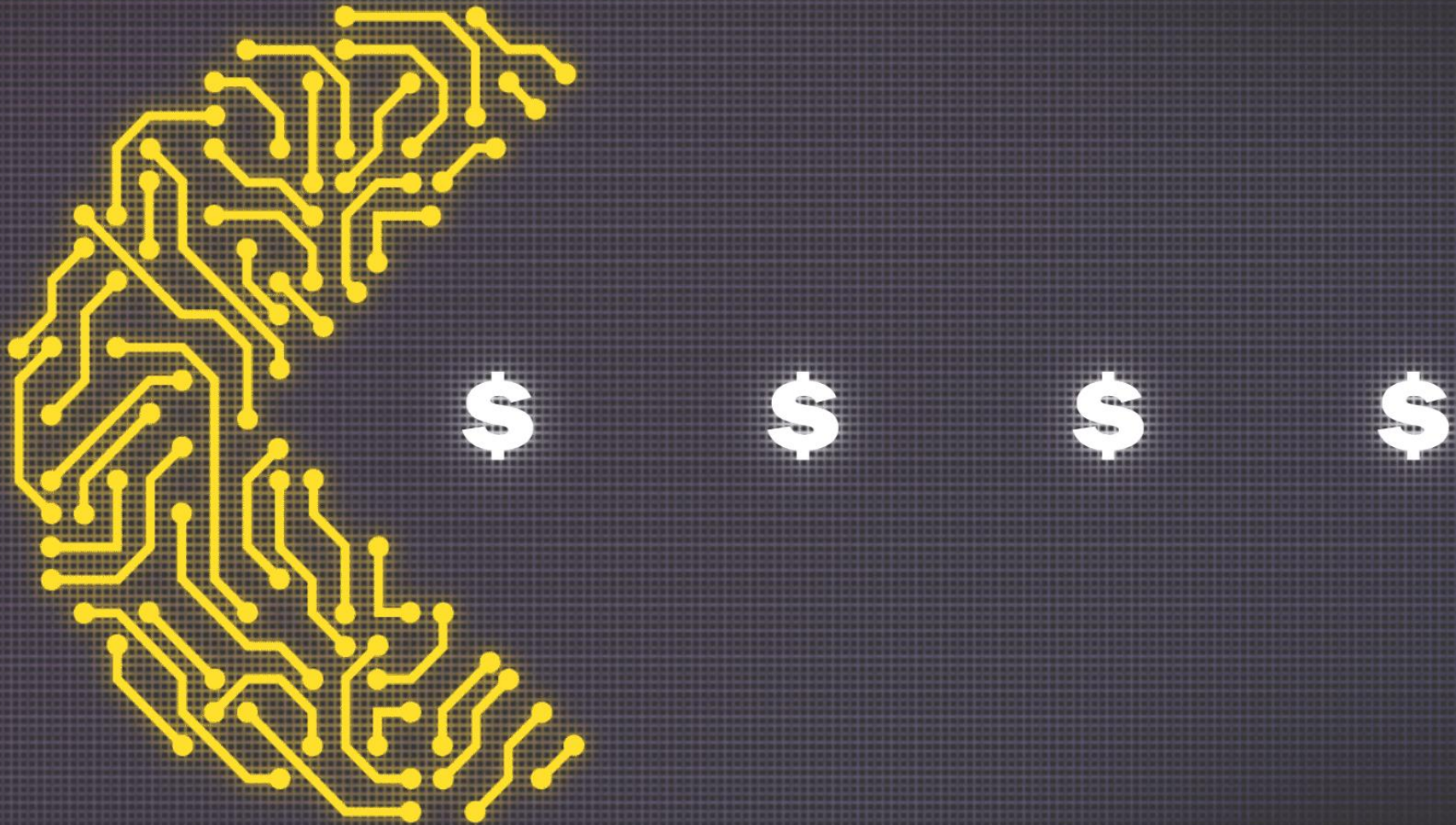


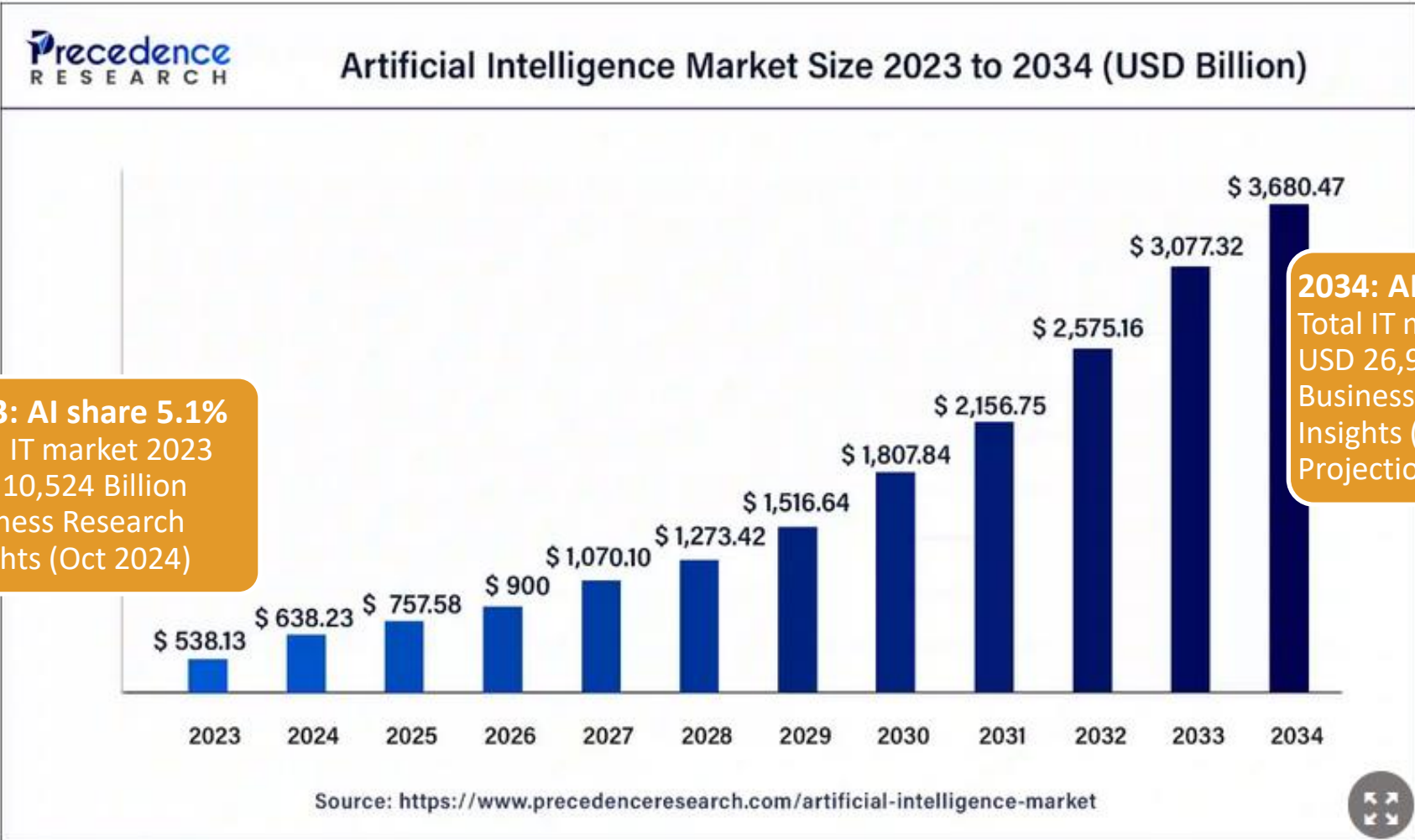
Illustration by Lon Tweeten; Getty Images; Time Magazine, By [Will Henshall](#), 03 June 2024

# AI Projected to Outpace all other Segments of IT Market



Artificial Intelligence Market Size Projected to Hit **USD 3,680.47 Billion by 2034**  
[Precedence Research](#)

Market for AI products and services could reach up to **USD 990 Billion by 2027**,  
[Bain & Company's Global Technology Report](#)



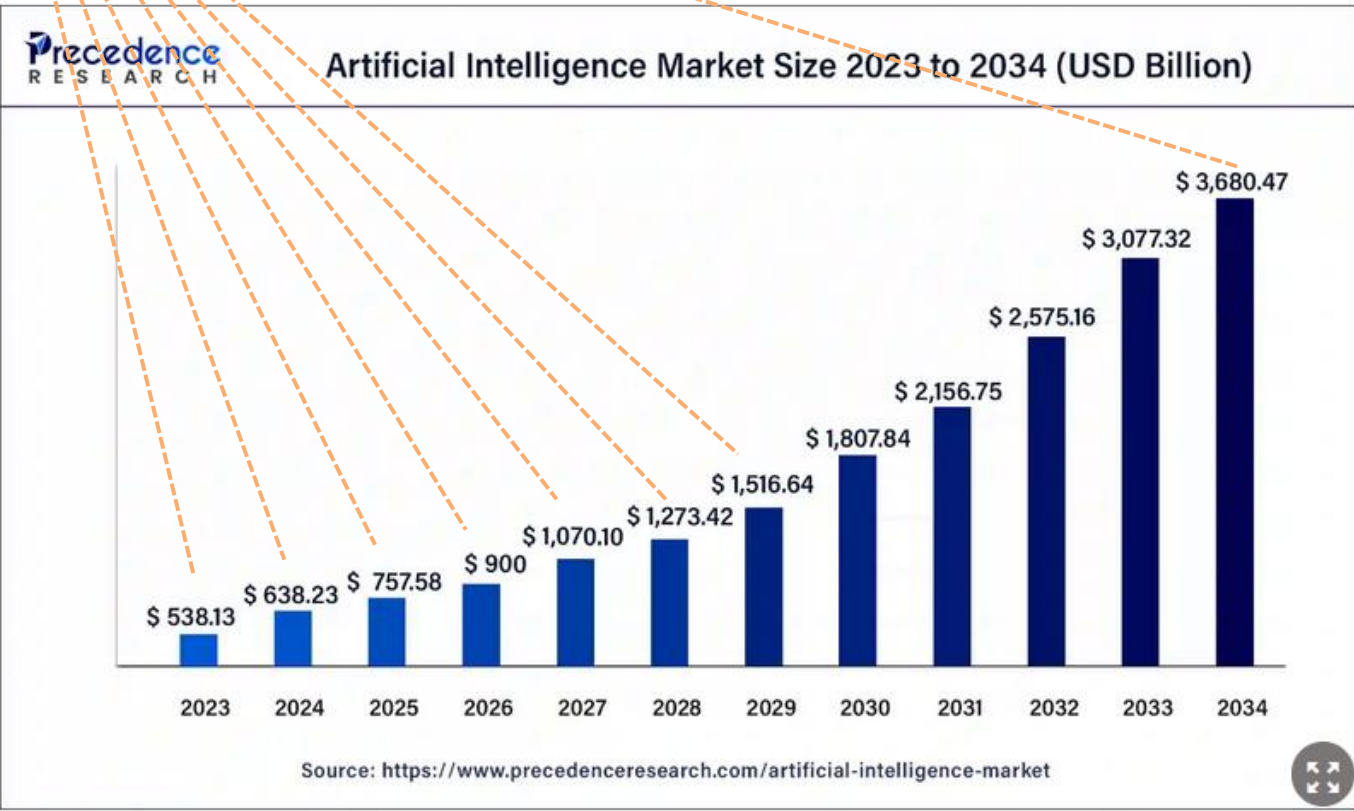
**2023: AI share 5.1%**  
Total IT market 2023  
USD 10,524 Billion  
Business Research  
Insights (Oct 2024)

**2034: AI share 13.7%**  
Total IT market 2034  
USD 26,925 Billion  
Business Research  
Insights (Oct 2024)  
Projection for 2034

# Revenues of IT Sector = Costs for Customers



For the **AI Party** to continue at the rapid pace projected, AI must return very substantial benefits to customers very quickly.





# Learnings from AI Crash Landings: **It's the Data, Stupid!**

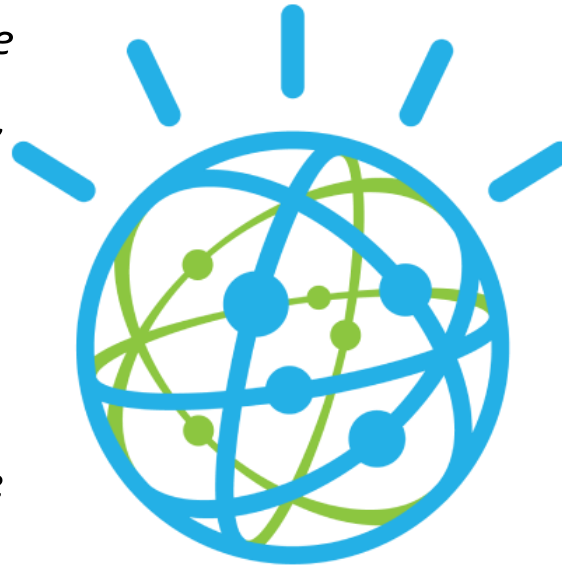


*“Our moon shot will be the impact we have on health care,” Ms. Rometty said.*

*“A doctor involved said that there wasn't enough data ...trouble with complexity of patient files.”*

*“no connectivity (between sets of data)”*

*“The march of ...AI... will be more step-by-step evolution than cataclysmic revolution.”*



**IBM Watson**



*“..marketing got way ahead of the capabilities”*

*“...frustrated by the complexity, messiness and gaps in the genetic data...”*

*“legacy tech infrastructure”*

<https://www.nytimes.com/2021/07/16/technology/what-happened-ibm-watson.html>

[How IBM's Watson Went From the Future of Health Care to Sold Off for Parts \(2022\)](#)

# Good “Data Food” is Key to Good AI !



**No Junk Food,  
Please!**

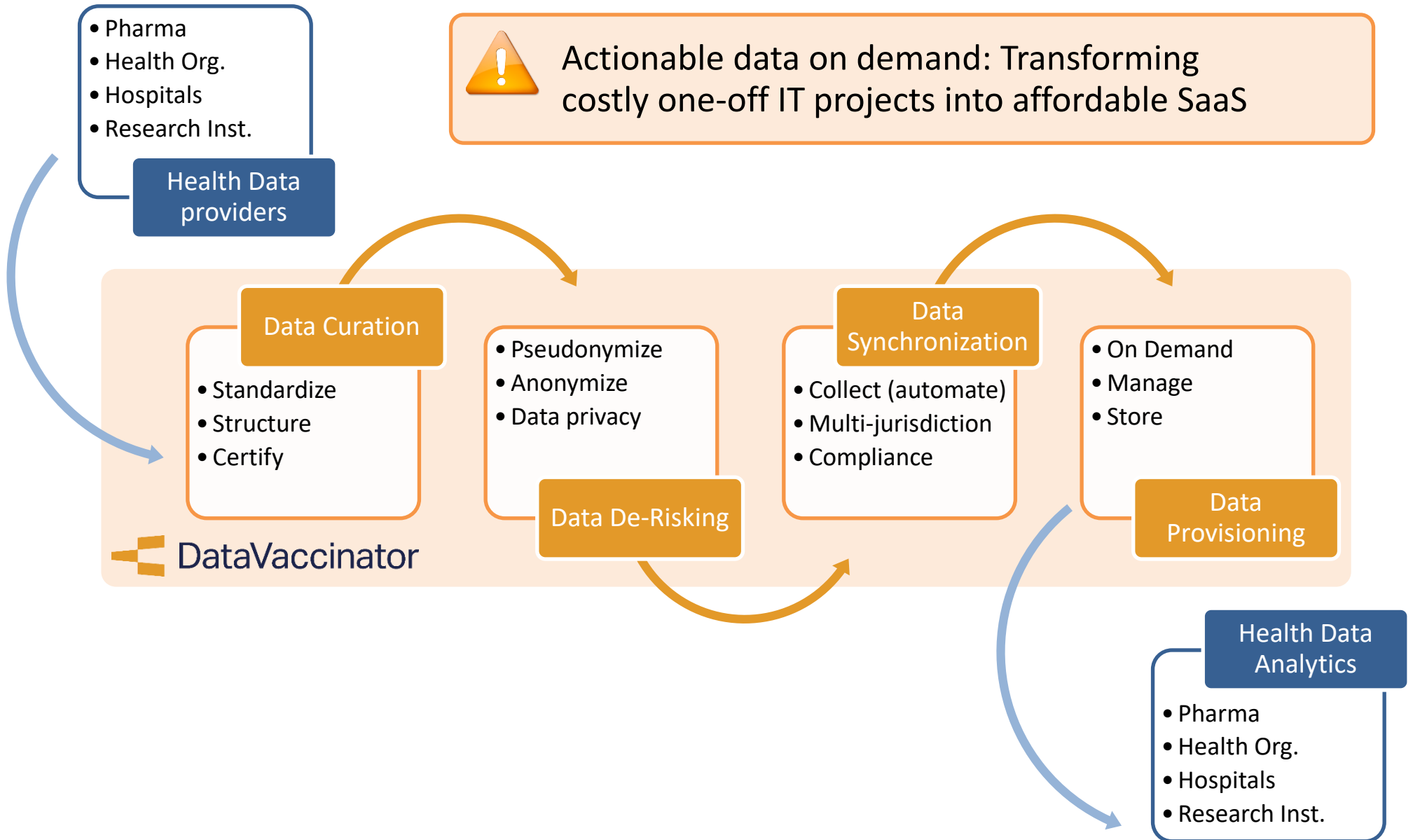


## **The 5 C's of Data Quality**

- **clean**
- **consistent**
- **conformed**
- **current**
- **comprehensive**

**Fresh High-Quality Data Food on Demand, at Scale, wherever it sits!**

# DataVaccinator - "AI-Ready" Data at Scale







Whitepaper, co-authored with Singapore-based AIQURIS ([TUVSUD](#) center for AI) on leveraging PPP.

## LEVERAGING PUBLIC-PRIVATE PARTNERSHIPS (PPP) STRUCTURES FOR AI

To prevent regulation from stifling AI innovation, governments and private organisations must collaborate through Public-Private Partnerships (PPPs). PPPs provide a promising model for managing health data ecosystems. Governments must enforce data sovereignty, while private organisations focus on enabling data sharing within regulatory constraints. This collaboration ensures both innovation and compliance, creating a balanced ecosystem for AI in healthcare.

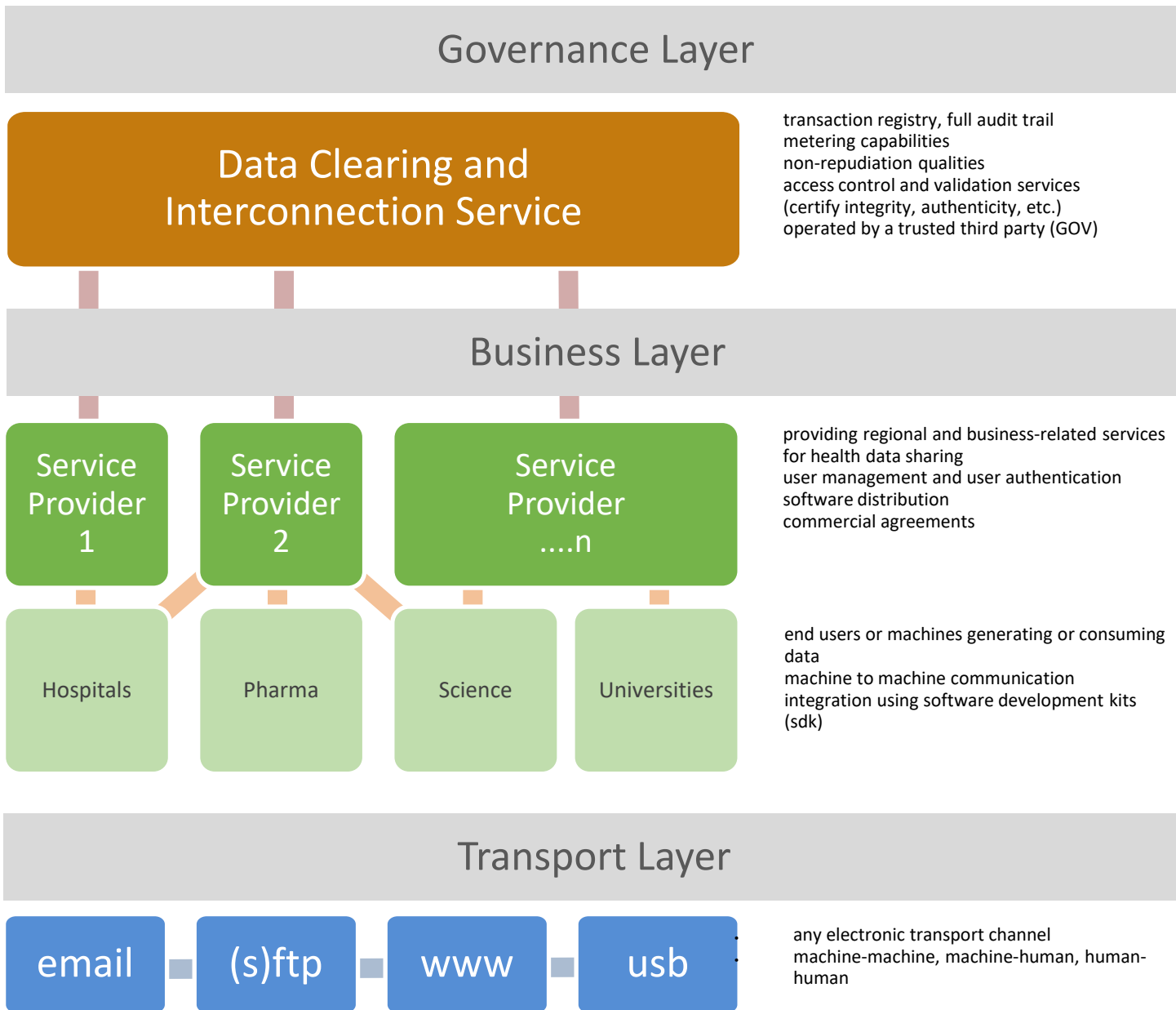
## PPP USE CASE: HEALTH DATA EXCHANGE



[Access whitepaper](#)

<https://datavaccinator.com/news.html>

# PPP Architecture for Effective AI with Federated Data

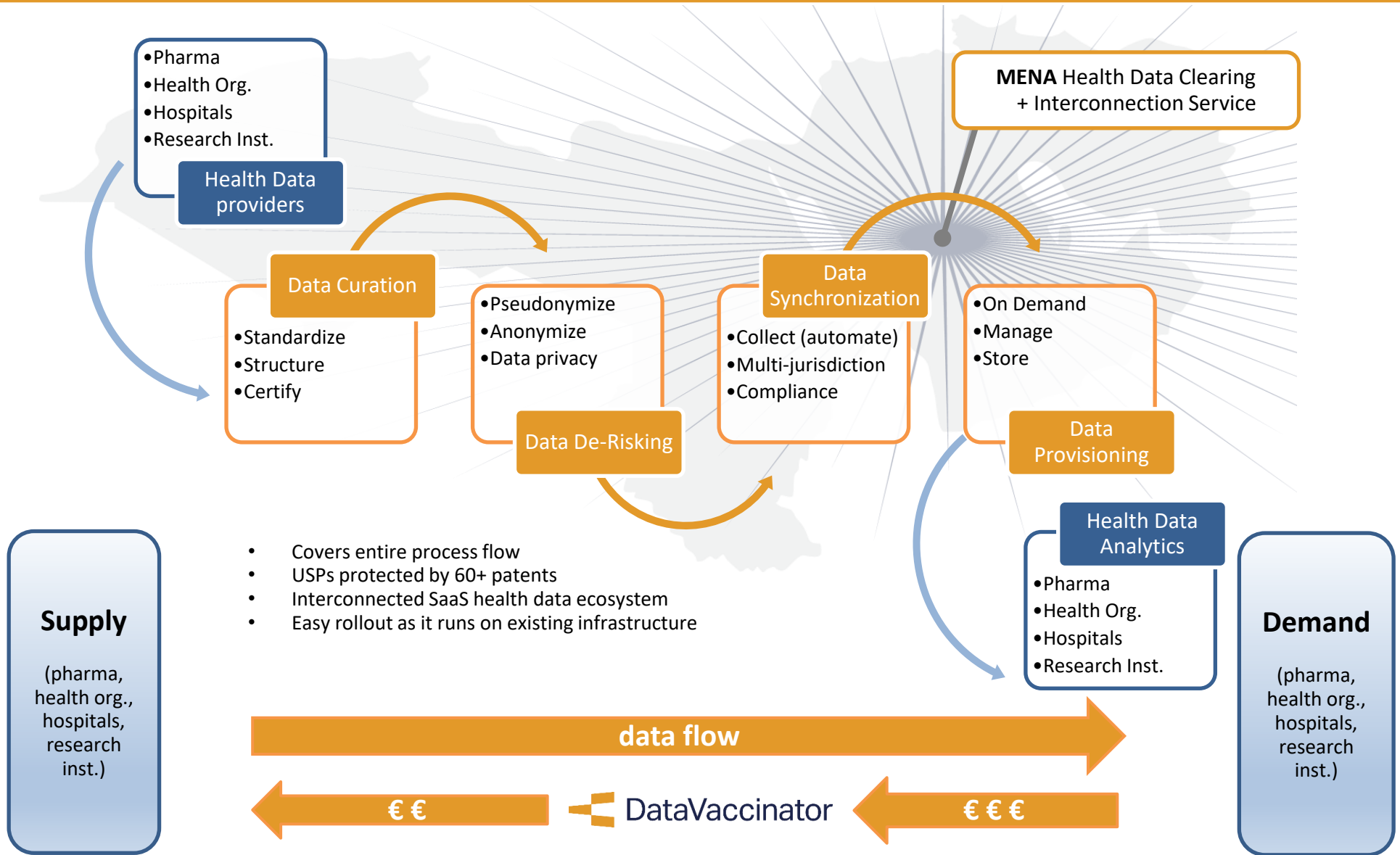


## 24/7 Governance

provided in line with regulation by

- Trusted 3rd Party Operators
- Public Authorities
  - Health, Finance
  - Justice, Economy ...

# MENA Health Data Market with regional Clearing Service







# Thank you.

You find the slides at

<https://datavaccinator.com/news.html>

Kurt Kammerer

[kurt@datavaccinator.com](mailto:kurt@datavaccinator.com)

**DataVaccinator SARL**

7, route d'Esch  
L-1470 Luxembourg  
Luxembourg

**DataVaccinator Limited**

VD, 1st floor  
Masdar City, Abu Dhabi  
United Arab Emirates