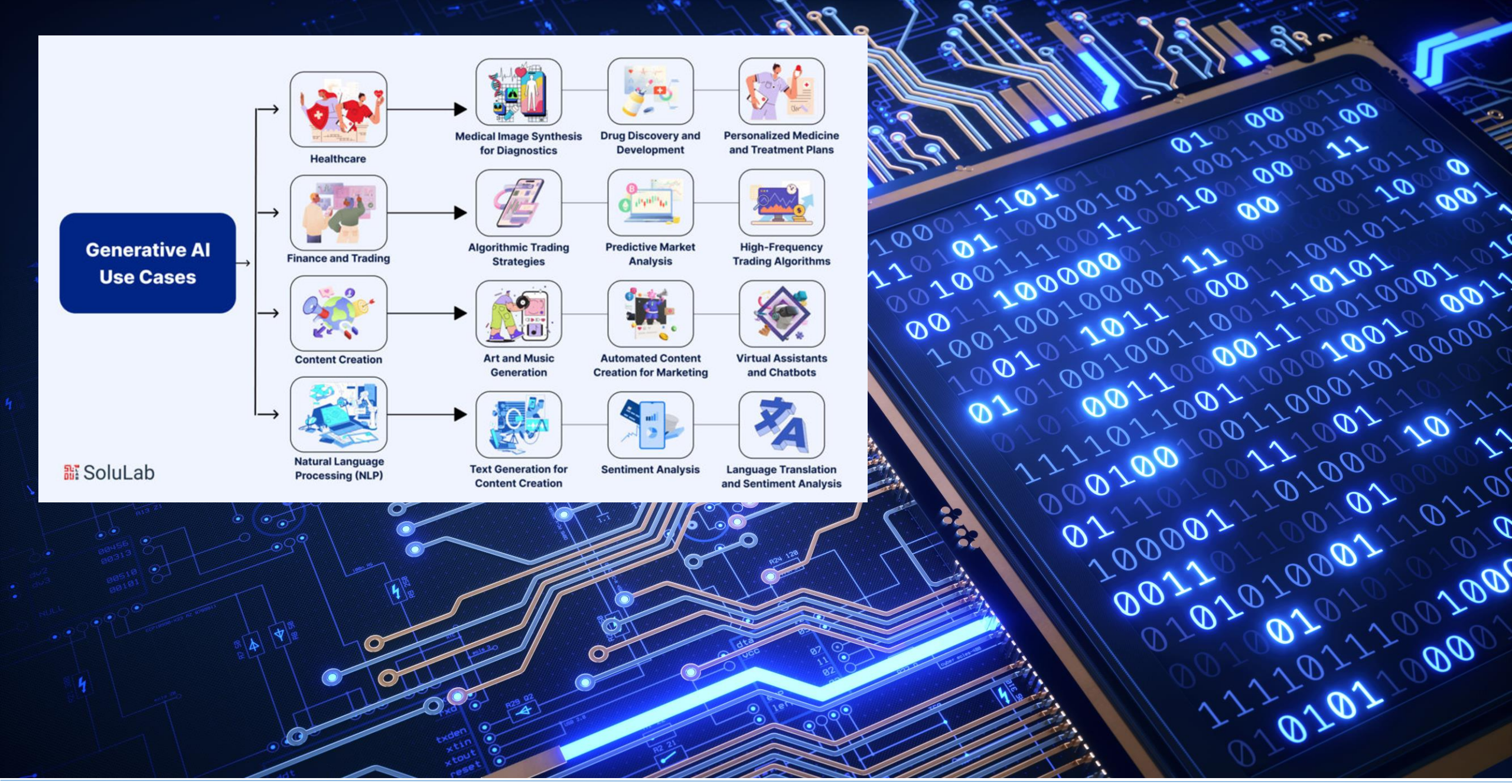
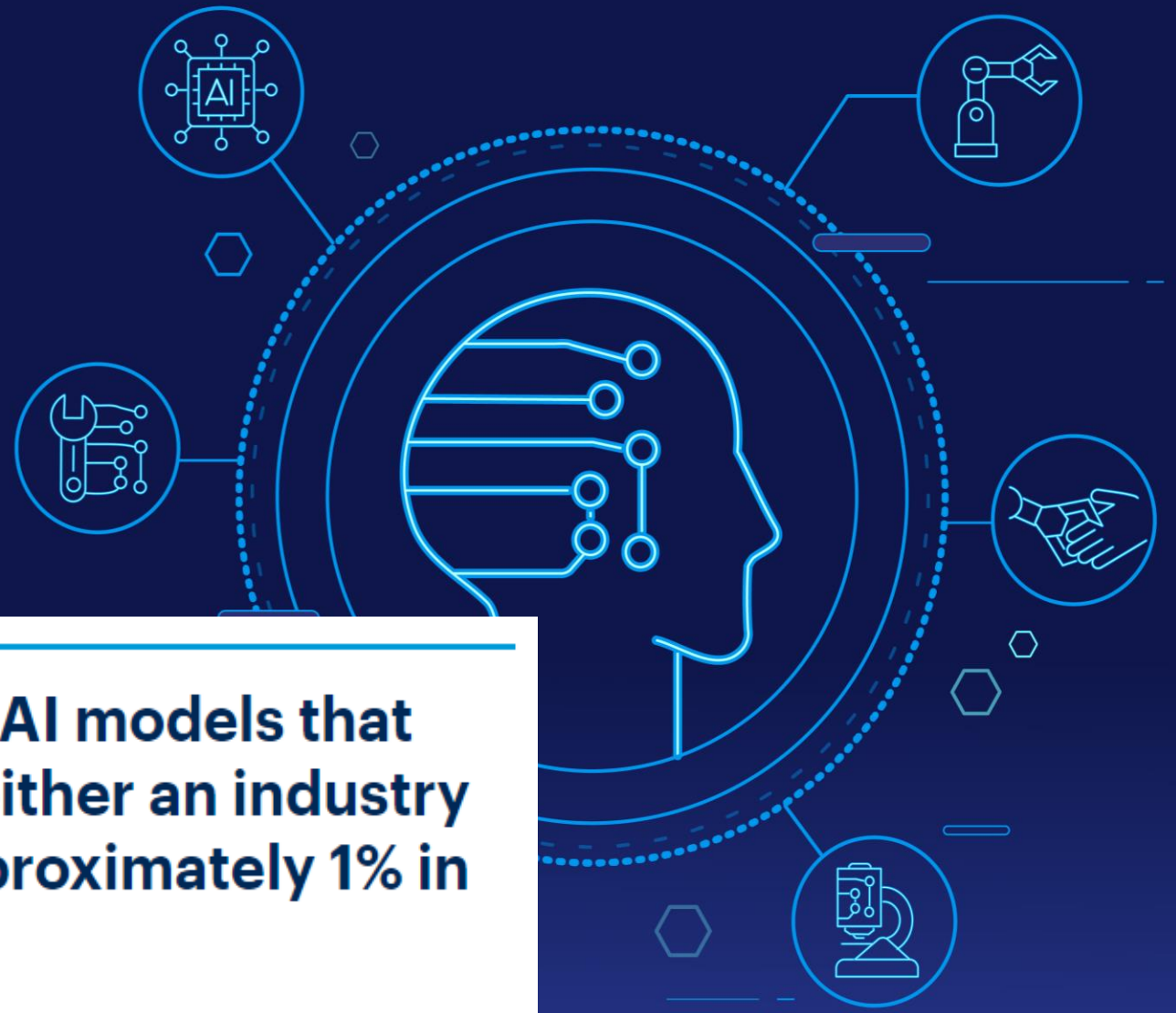
AIT


Generative AI Use Cases
Healthcare
Medical Image Synthesis for Diagnostics
Drug Discovery and Development
Personalized Medicine and Treatment Plans
Finance and Trading
Algorithmic Trading Strategies
Predictive Market Analysis
High-Frequency Trading Algorithms
Content Creation
Art and Music Generation
Automated Content Creation for Marketing
Virtual Assistants and Chatbots
Natural Language Processing (NLP)
Text Generation for Content Creation
Sentiment Analysis
Language Translation and Sentiment Analysis
SoluLab

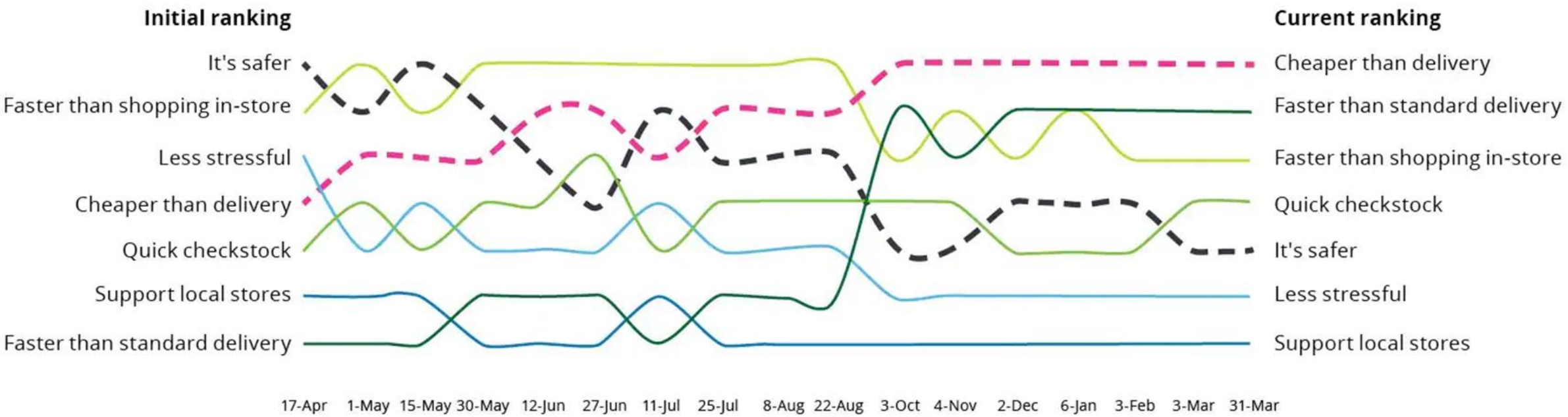
AI

Artificial intelligence



By 2027, more than 50% of the GenAI models that enterprises use will be specific to either an industry or business function — up from approximately 1% in 2023.

By 2026, 75% of businesses will use generative AI to create synthetic customer data, up from less than 5% in 2023.



By 2028, 30% of GenAI implementations will be optimized using energy-conserving computational methods, driven by sustainability initiatives.

Advances in technical capabilities could have the most impact on activities performed by educators, professionals, and creatives.

Impact of generative AI on technical automation potential in midpoint scenario, 2023

Without generative AI[1]
With generative AI

Occupation group	Overall technical automation potential, comparison in midpoint scenarios, 2023, %	Share of global employment,[2] %
Educator and workforce training	15 → 54	4
Business and legal professionals	32 → 62	5
STEM professionals	28 → 57	3
Community services	39 → 65	3
Creatives and arts management	28 → 53	1
Office support	66 → 87	9
Managers	27 → 44	3
Health professionals	29 → 43	2
Customer service and sales	45 → 57	10