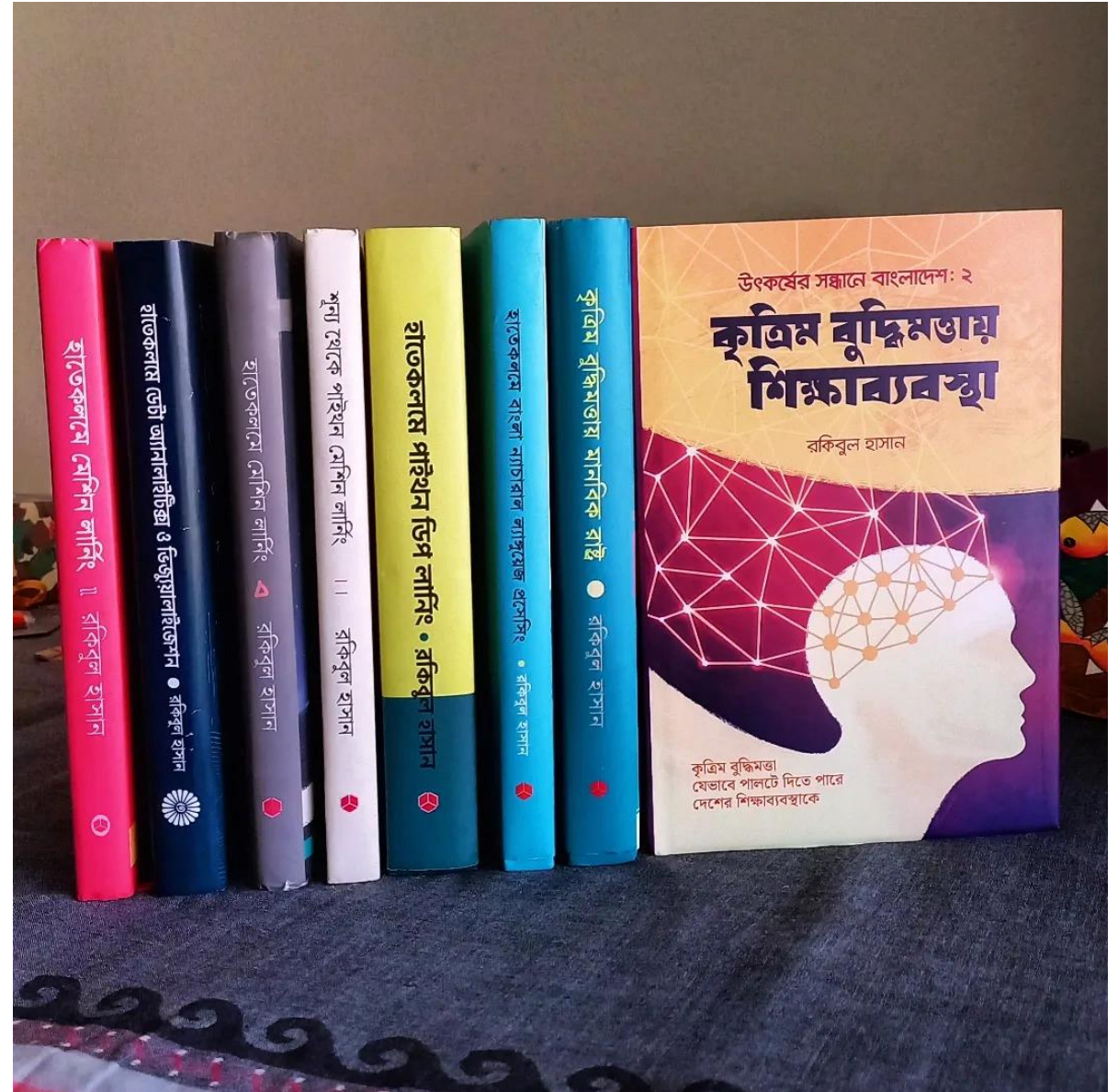


# Hype vs Reality: The Bangladeshi AI Scene

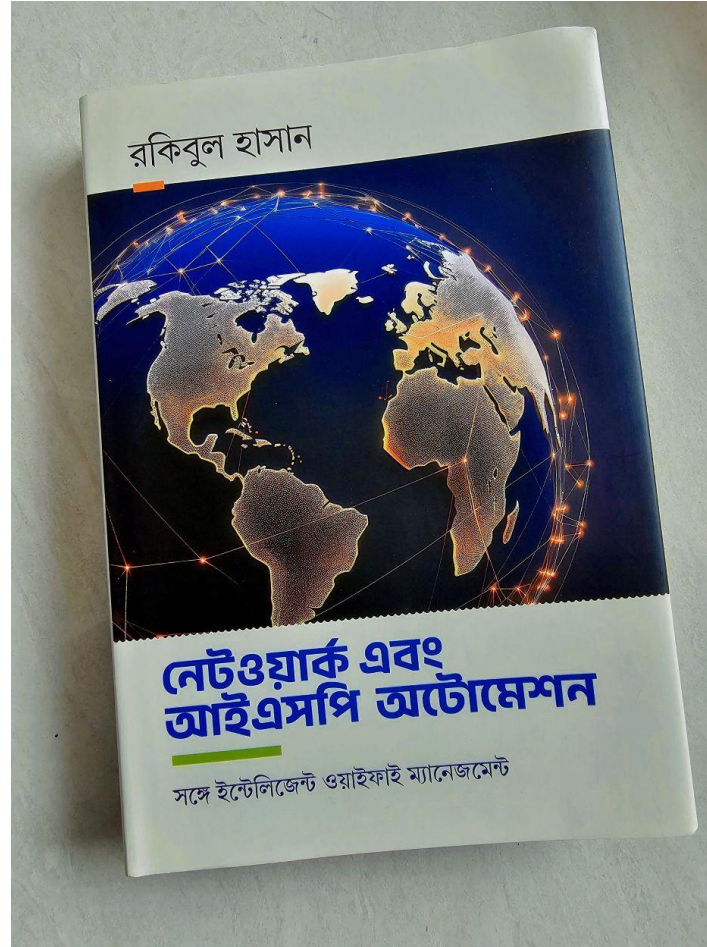
Rakibul Hassan

---

# Books Published up to 2022 (Hype)



# Books in Last Year (Reality)

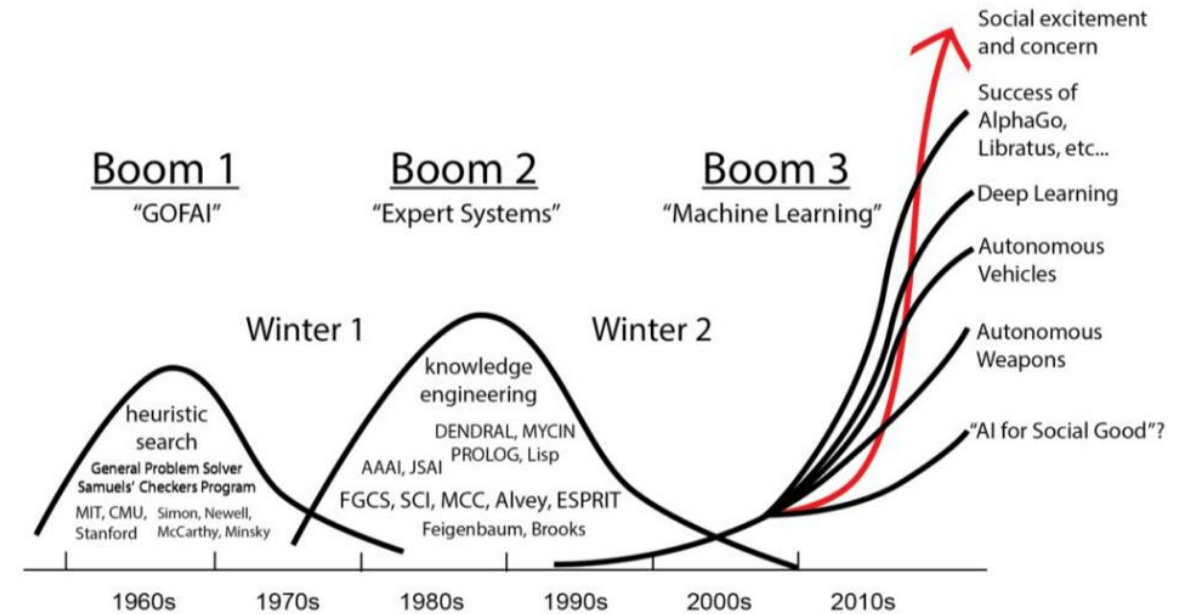


কৃত্রিম বুদ্ধিমত্তা কি  
একটা দেশ চালাতে পারে?

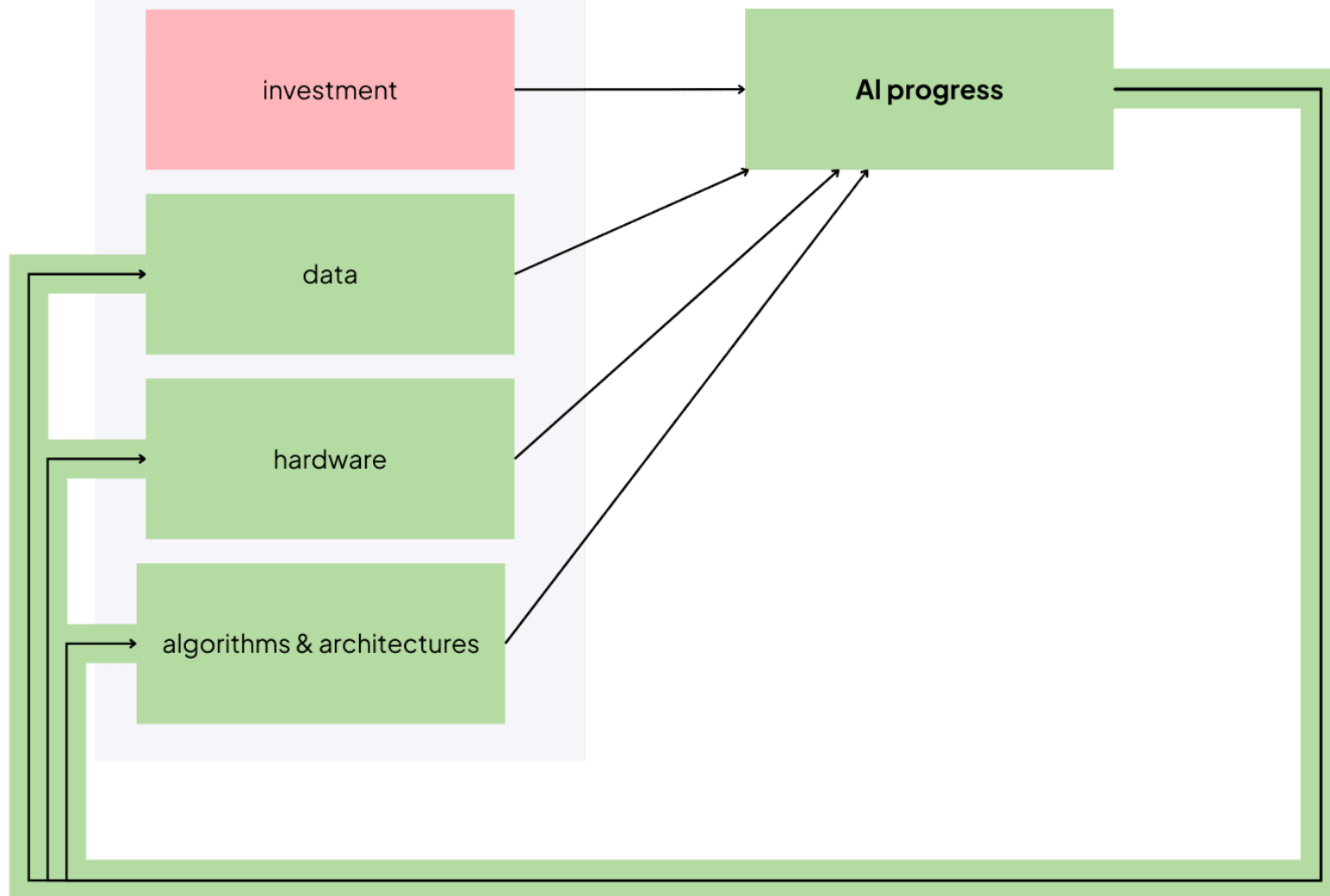
রাকিবুল হাসান  
**কল্যাণী ২.০**

আরও জানতে  
[m.me/myAdarsha](https://m.me/myAdarsha) | [01550672838](https://www.adarsha.com.bd) | [www.adarsha.com.bd](https://www.adarsha.com.bd)

# AI Winters (2)



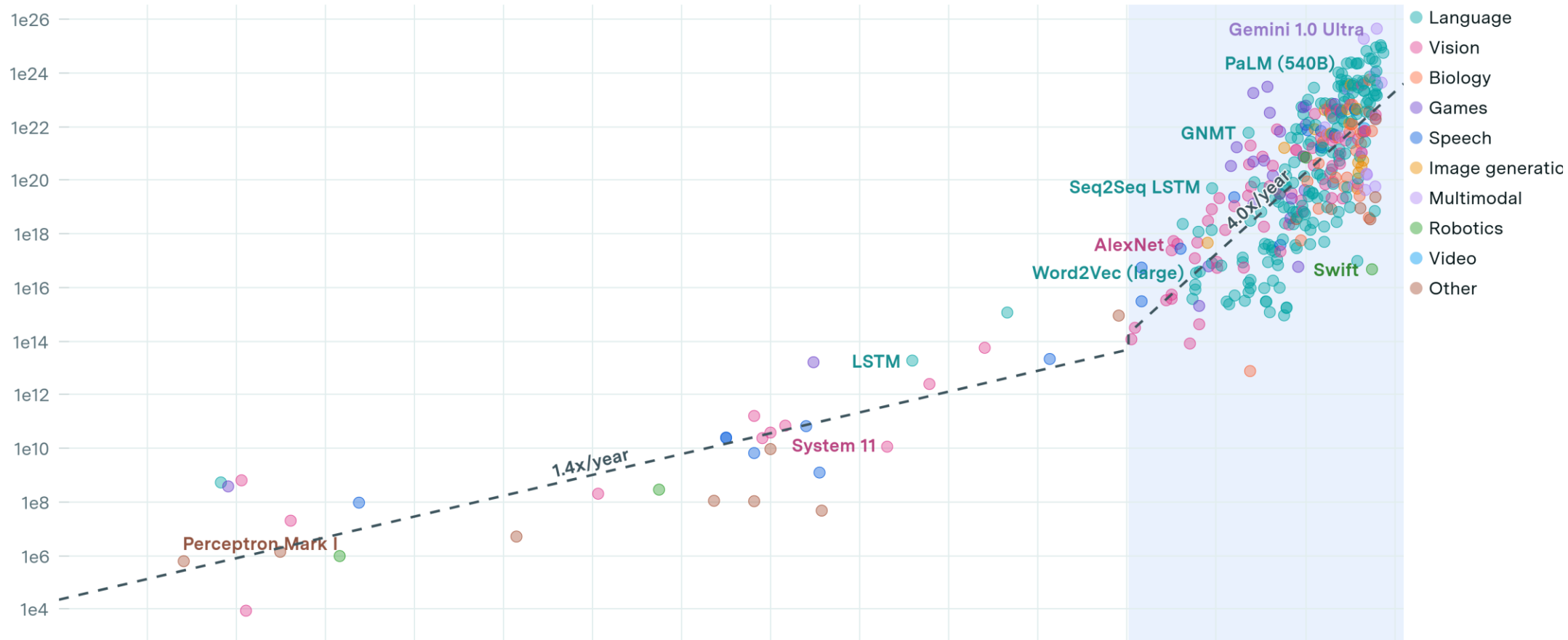
## drivers of AI progress



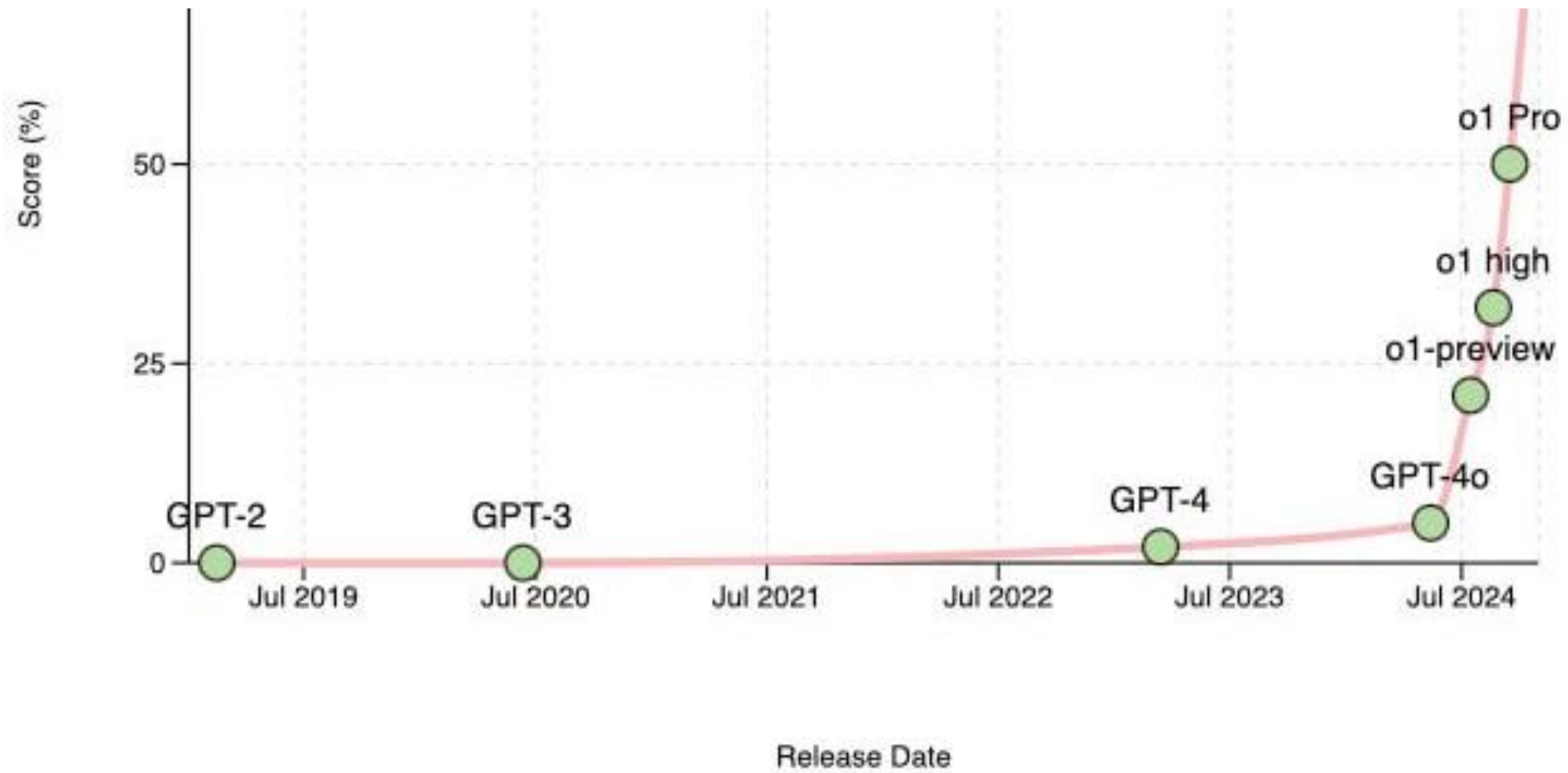
## Notable AI models



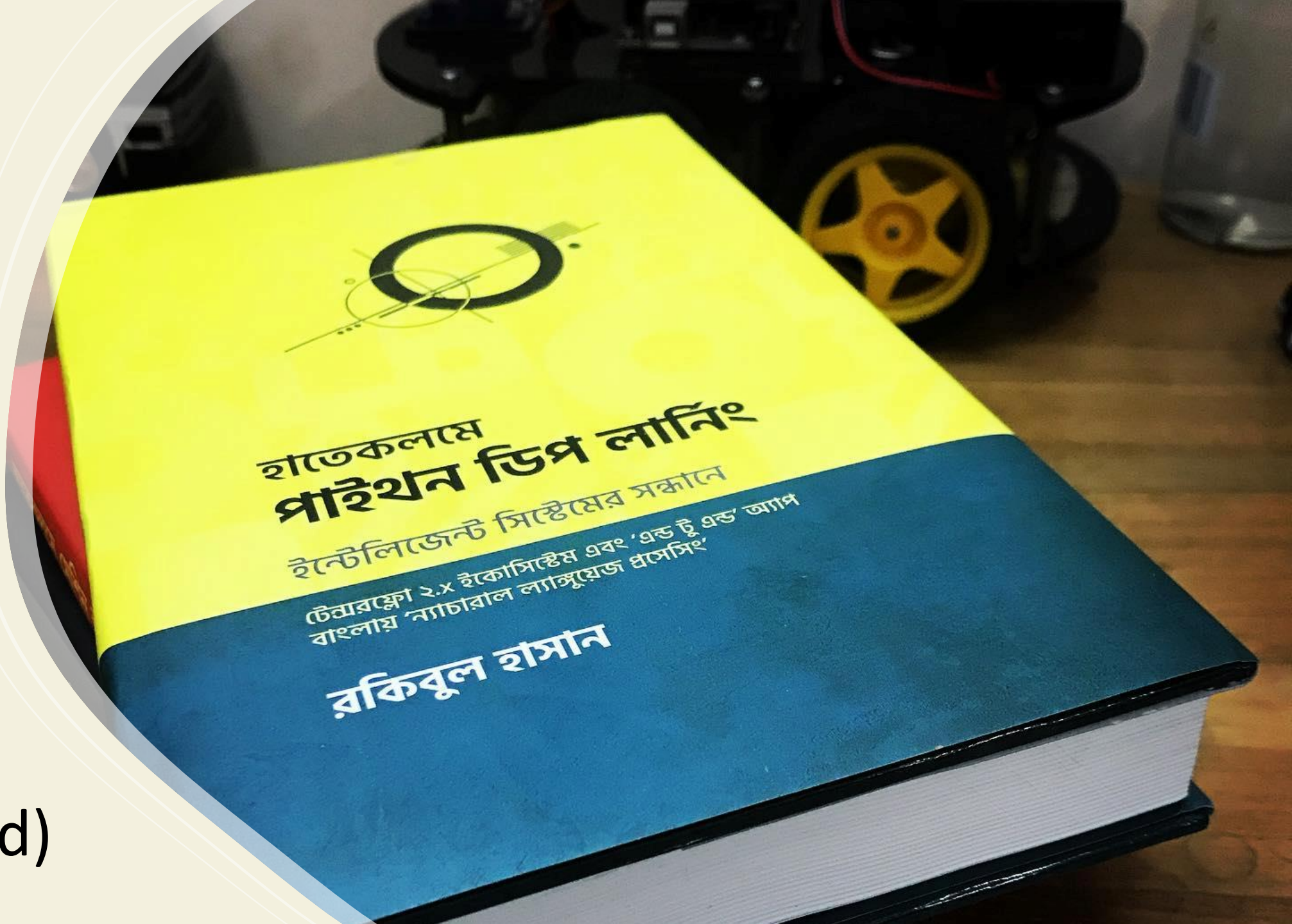
Training compute (FLOP)





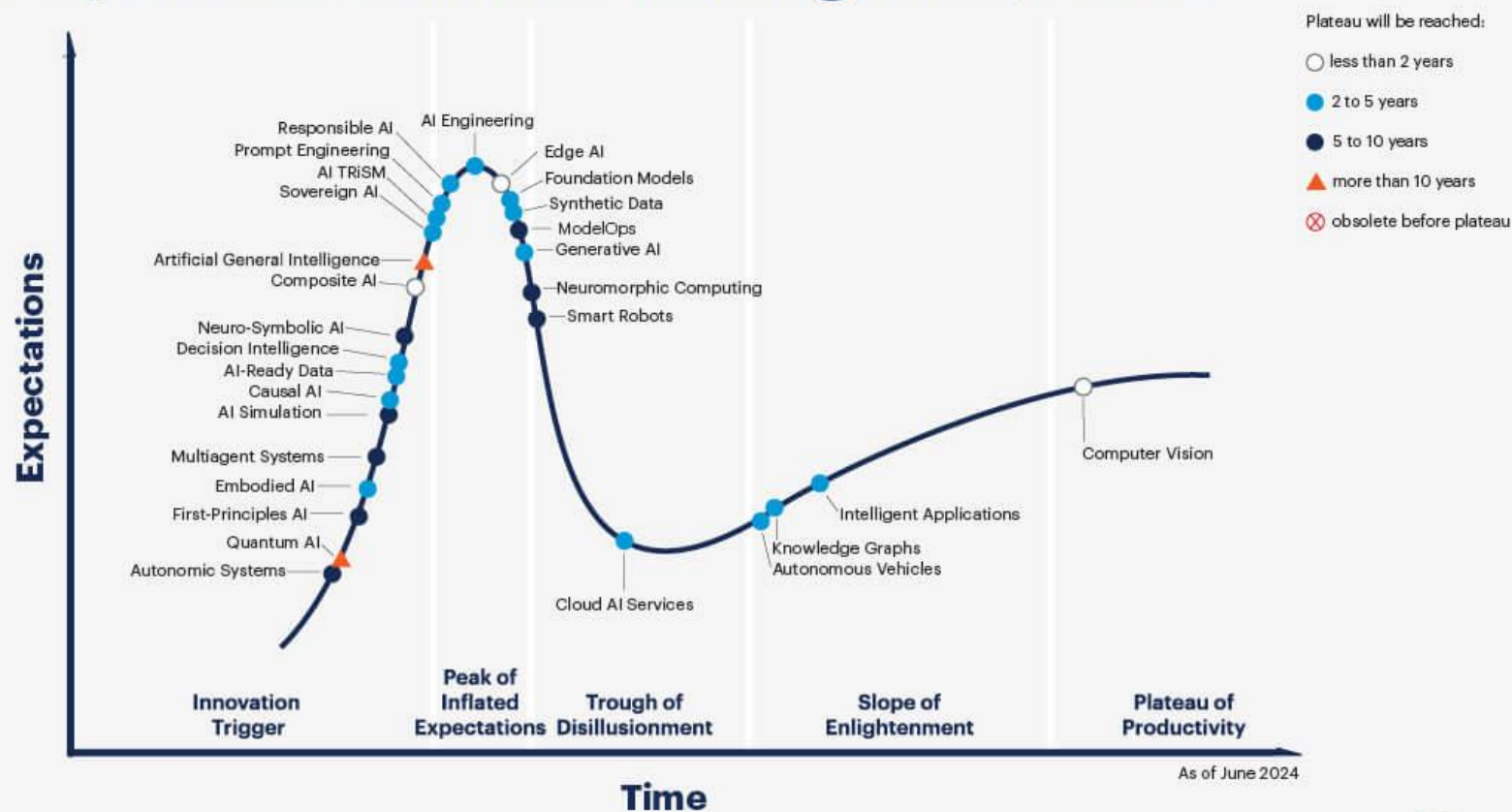


My Love  
(Continued)





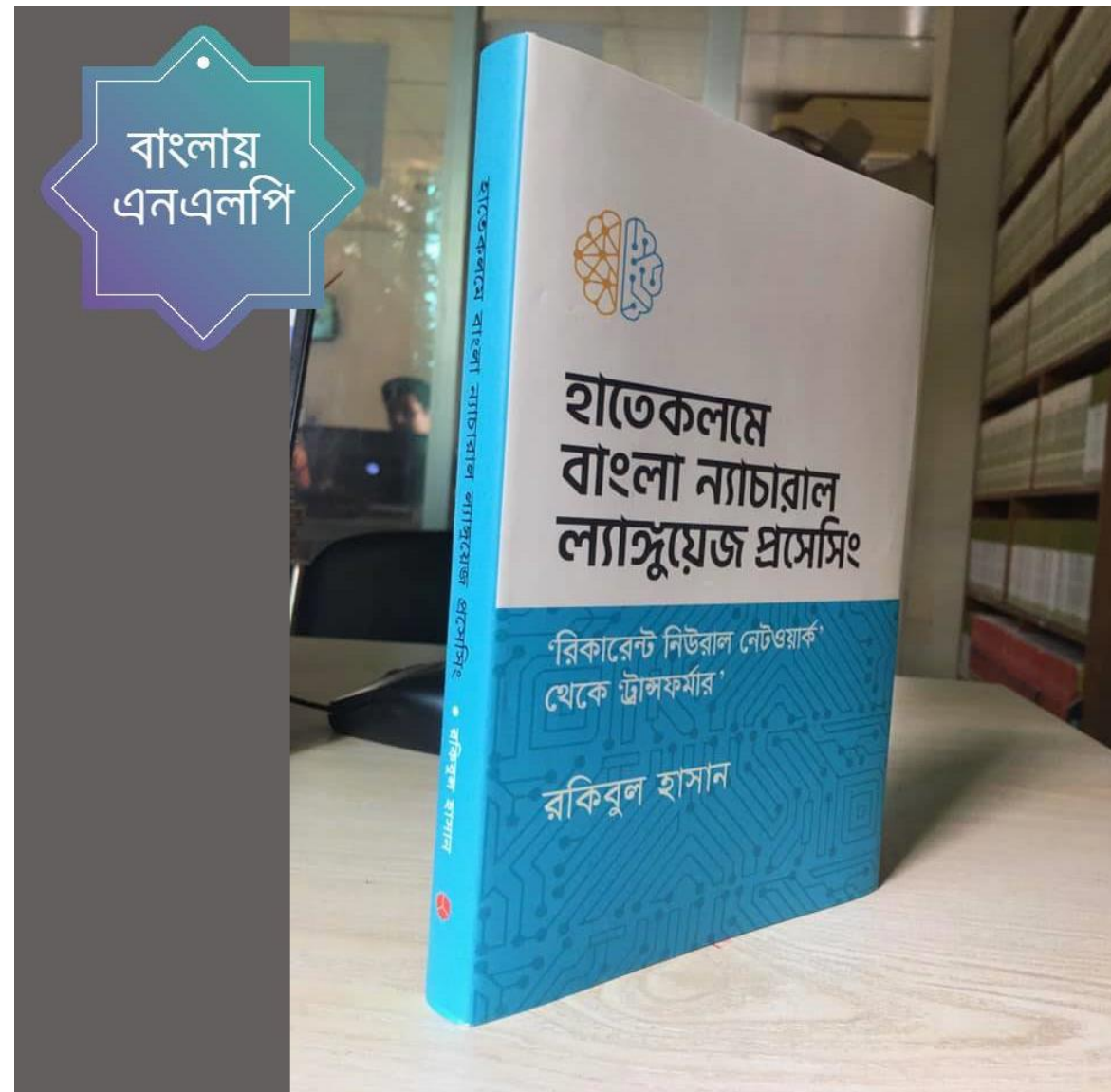
# Hype Cycle for Artificial Intelligence, 2024



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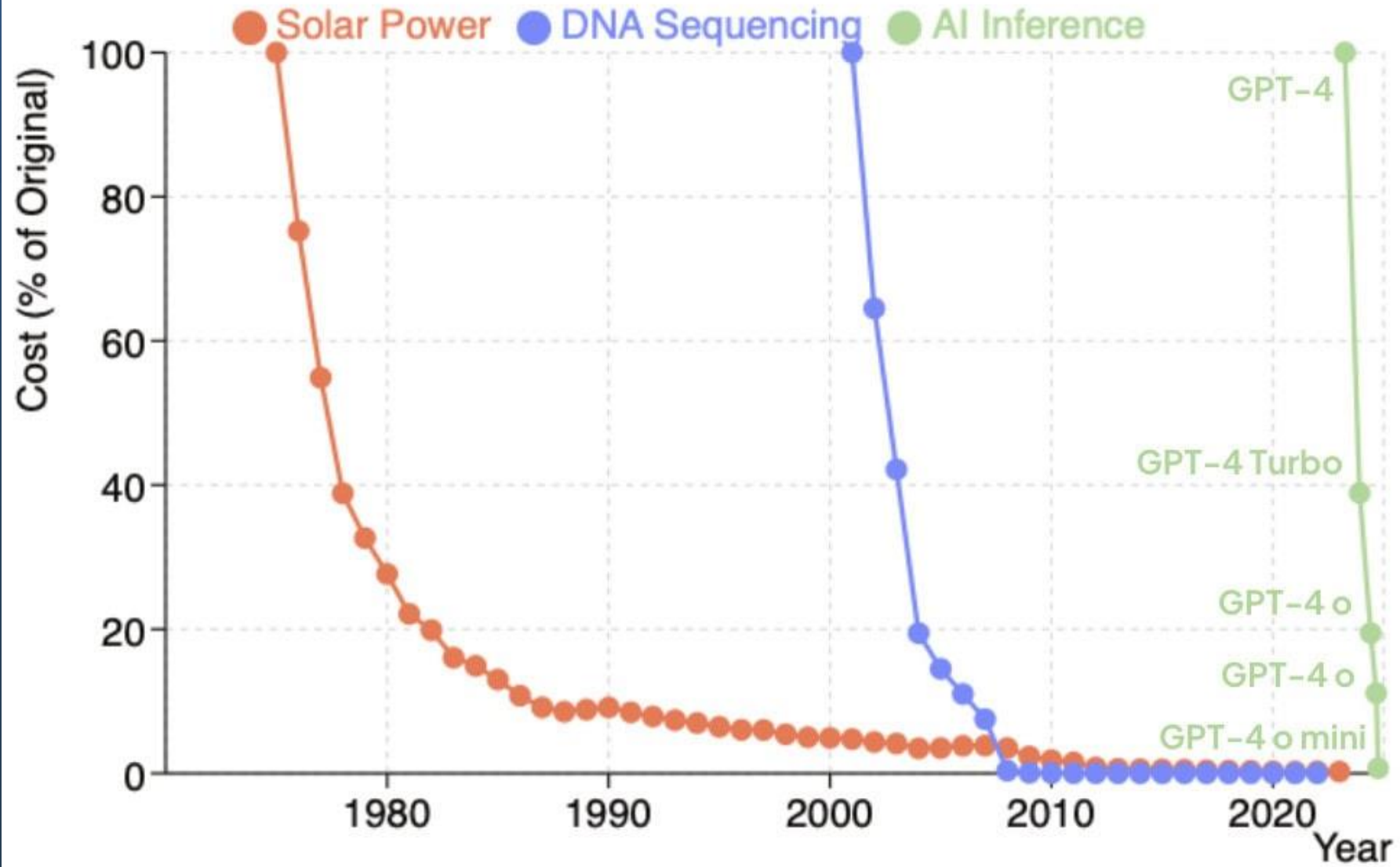
# Transformer Book?



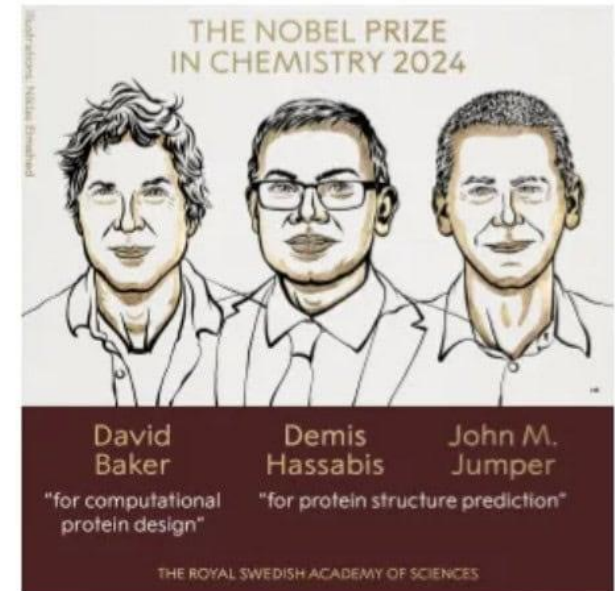
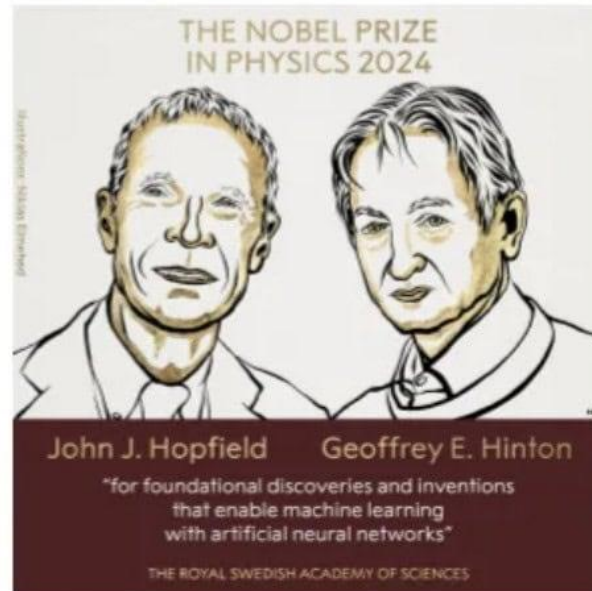
# The Shift from Hype to Habit

- AI becomes routine in business operations.
- AI as collaborator, not assistant.
- Autonomous agents & AI-driven decision-making standardizing.



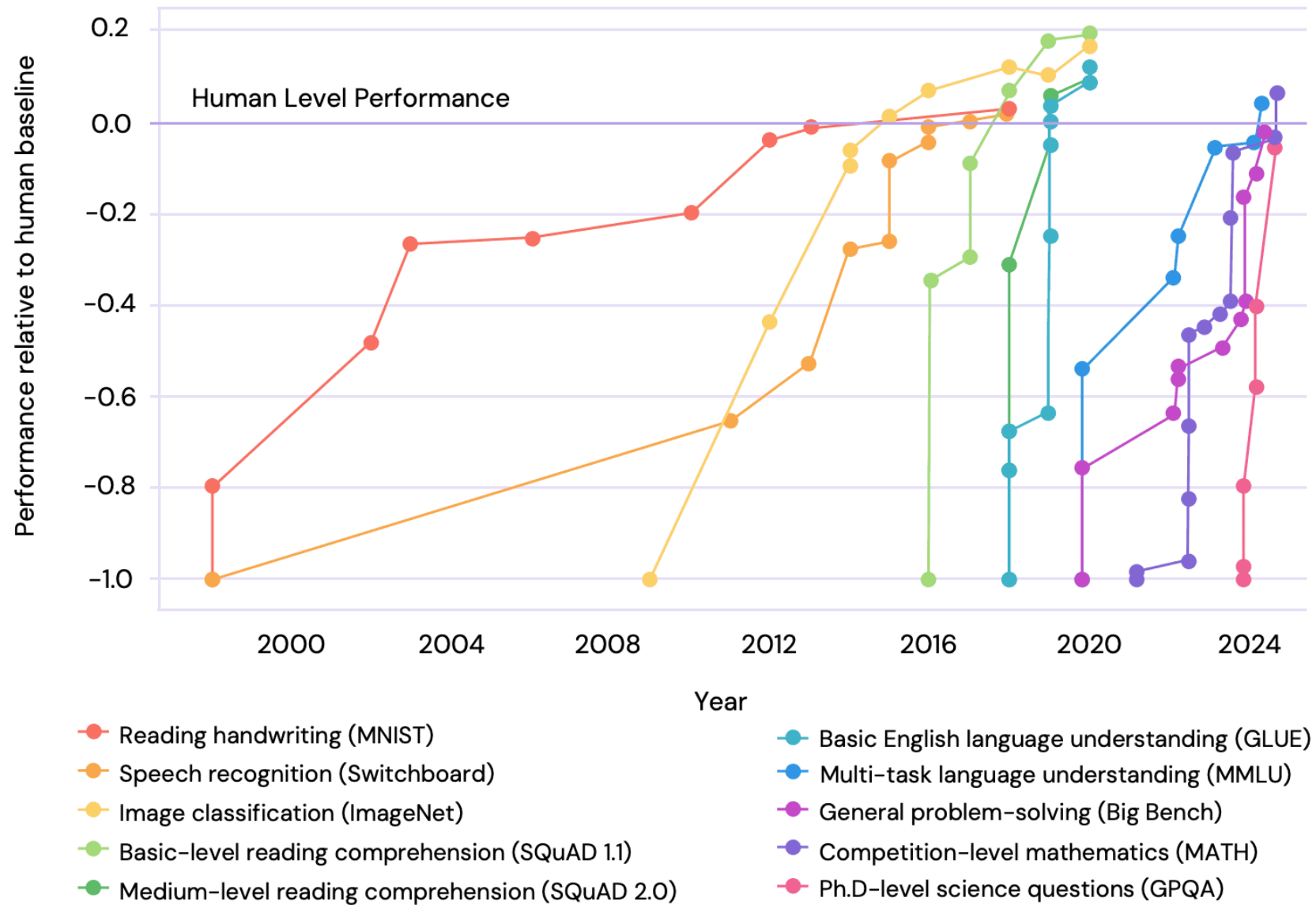


# Nobel Prizes are going to AI





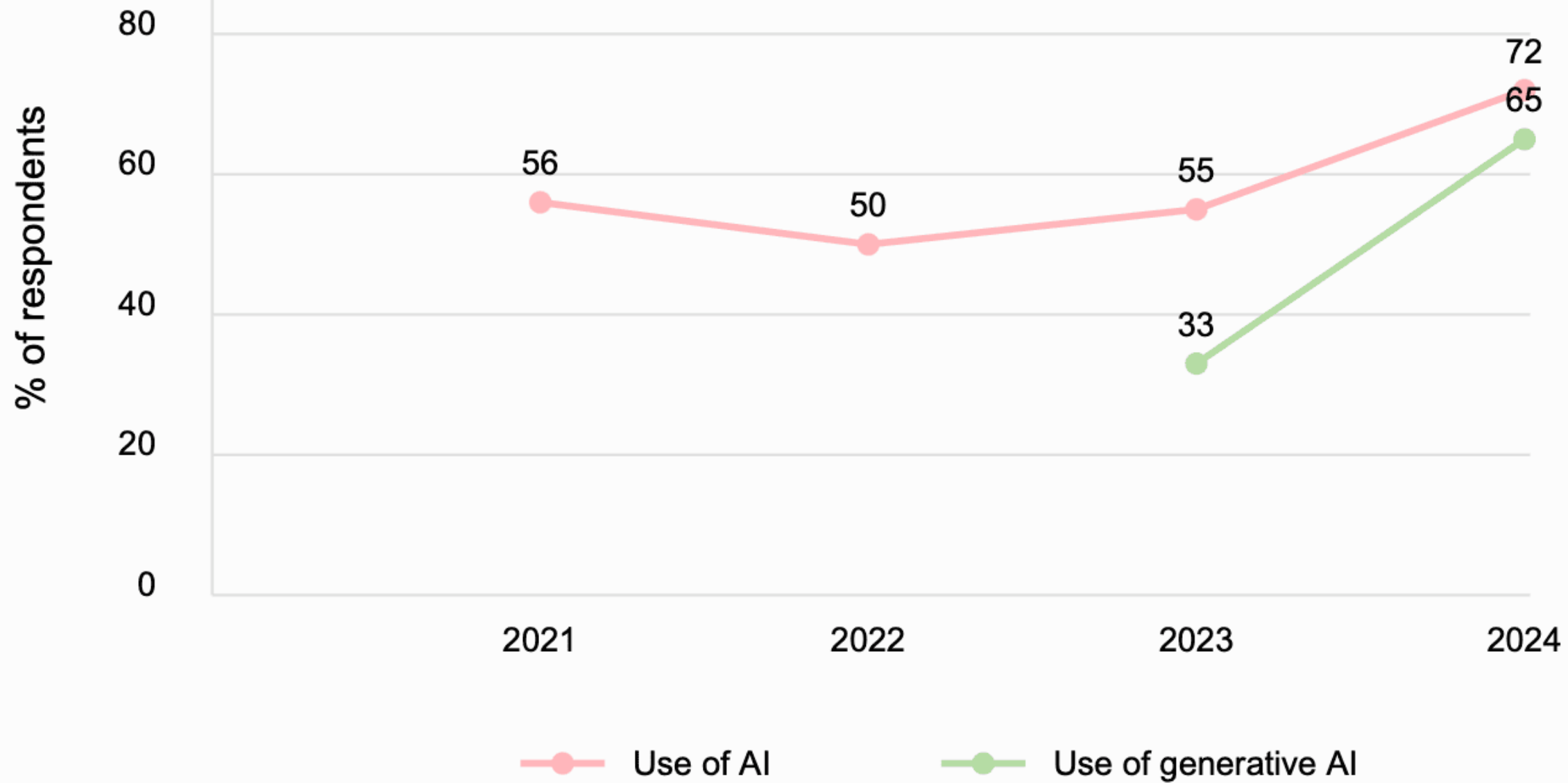
AI performance vs human performance on select benchmarks



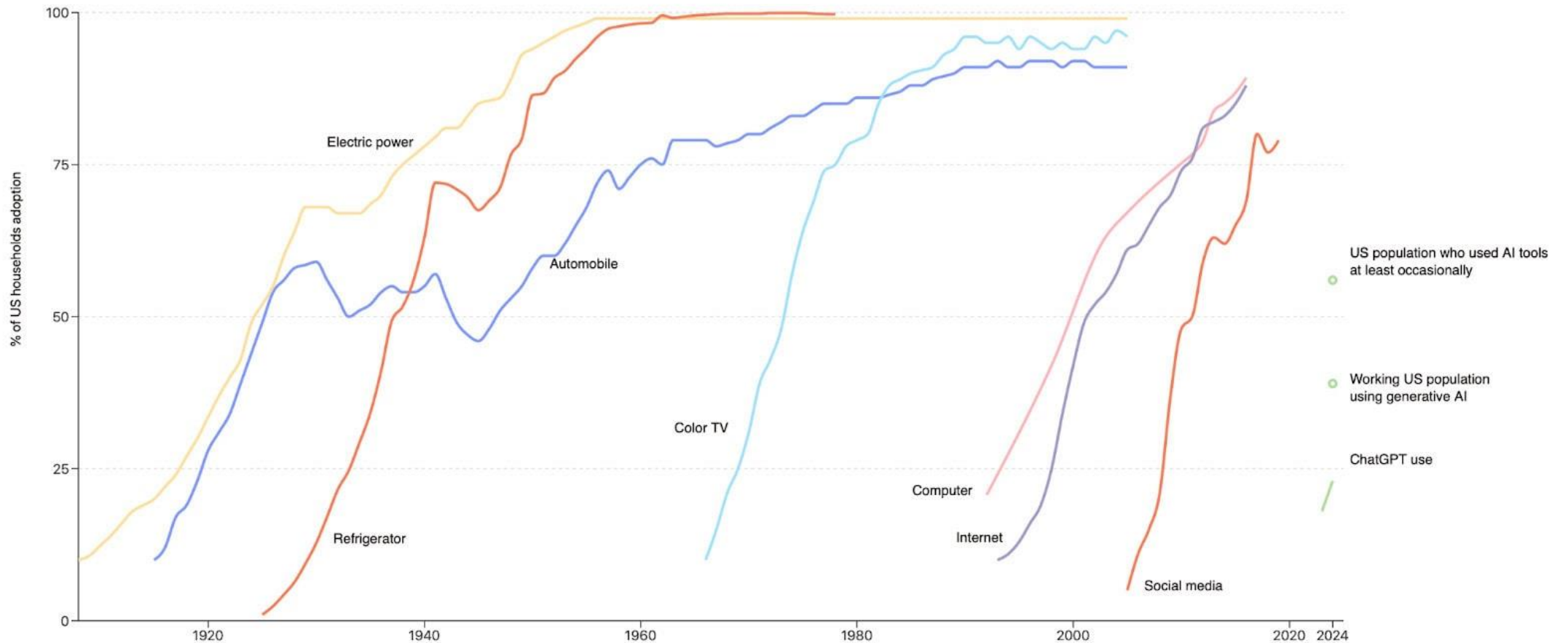
# Key Trends in AI for 2025

- Quantum AI: Advanced problem-solving.
- Edge AI: Real-time, local processing.
- Generative AI: Content revolution.
- AI in Cybersecurity: Proactive defense.
- AI & Sustainability: Efficient resource use.





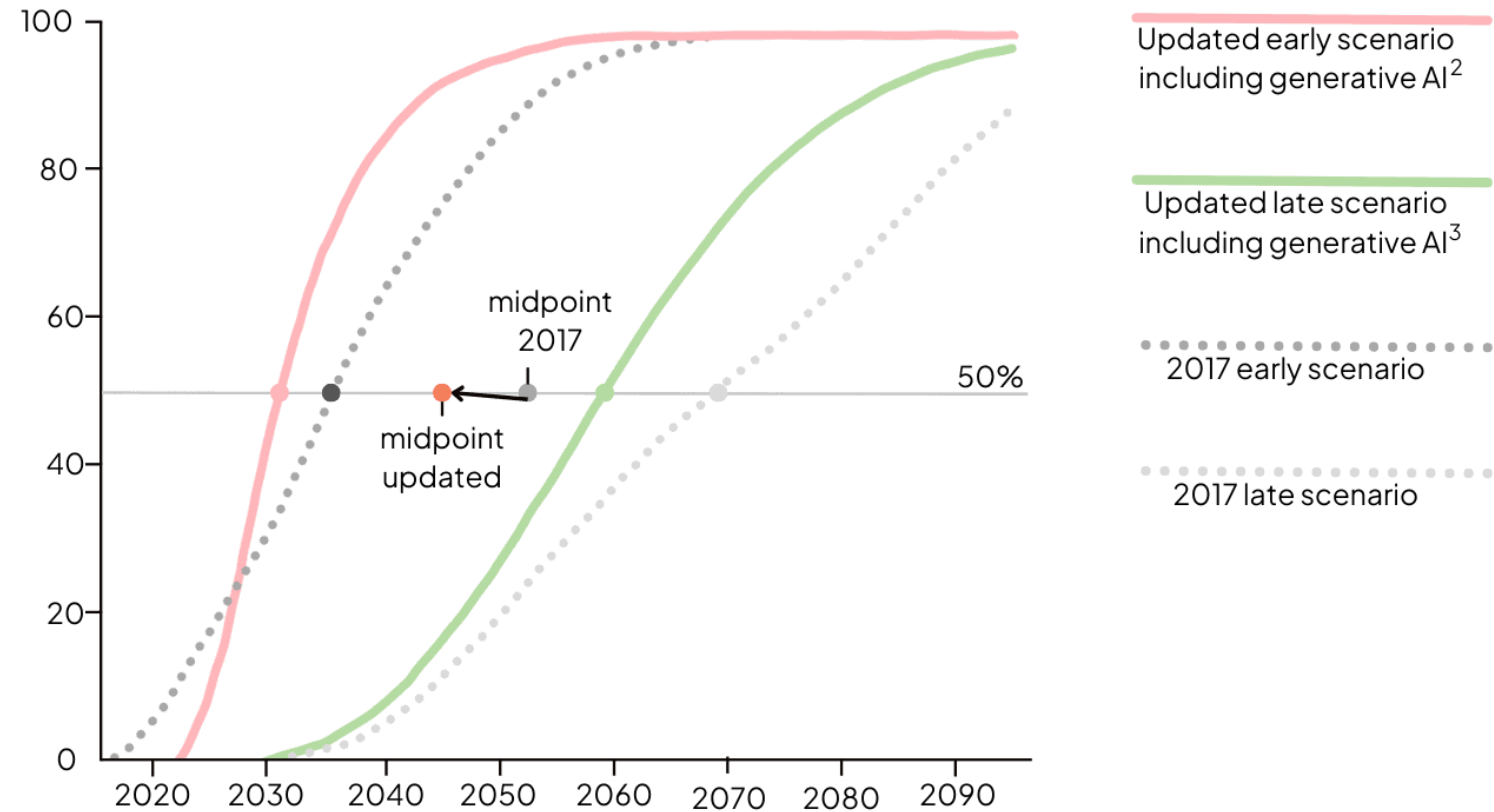
# Use of AI: Timelines



## Global Automation Scenario

The midpoint scenario at which automation adoption could reach 50 percent of time spent on current work activities has accelerated by a decade.

Global automation of time spent on current work activities<sup>1</sup>[%]



**1:** Includes data from 47 countries, representing about 80% of employment across the world. 2017 estimates are based on the activity and occupation mix from 2016. Scenarios including generative AI are based on the 2021 activity and occupation mix.

**2:** Early scenario: aggressive scenario for all key model parameters (technical automation potential, integration timelines, economic feasibility, and technology diffusion rates.).

**3:** Late scenario: parameters are set for later adoption potential.

**Source:** Adapted from McKinsey Global Institute analysis



# Bangladeshi Industry Applications

- **# Enhancing Operational Efficiency**
- AI for Customer Relationship Management (CRM)
- Personalized marketing campaigns
- Predictive customer support
- Chatbots and virtual assistants
- AI for Employee Upskilling, Edtech
- Skill assessment and recommendations
- Document processing automation
- **# AI for Creativity**
- Generative design
- Content creation
- Video editing
- **# AI for Security**
- Network security monitoring
- Fraud detection
- Endpoint protection
- **# AI for Market Research**
- Trend analysis
- Sentiment analysis
- Consumer behavior insights
- **# AI for Increased Productivity**
- Virtual meeting assistants
- AI-powered email management
- Task automation
- **# AI for Personalization**
- Dynamic content delivery
- Tailored e-commerce experiences
- Custom pricing models
- **# AI for Decision-Making and Strategy**
- Predictive analytics
- Scenario planning
- Real-time decision support
- **# AI for Talent Acquisition and Management**
- Candidate screening
- Employee retention analysis

# The Road Ahead

- Social Good
- Strategic alignment with Government
- Collaboration: Industry, academia, government
- Inclusive AI for all



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