



## How big will the AI economy become?

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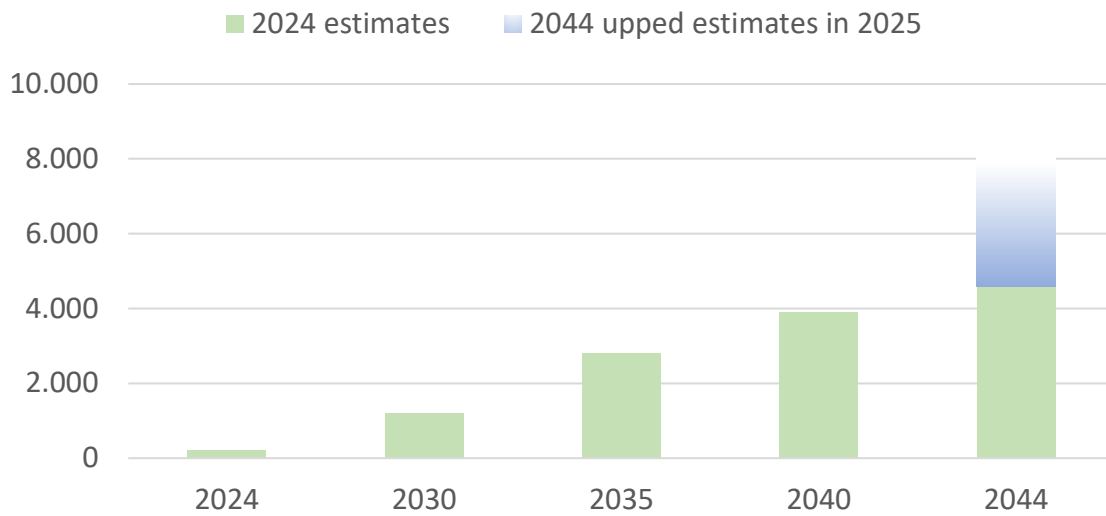
### **Roadmap 2025 estimated \$4.6 trillion in AI revenues in 2044, up 20 fold from 2024**

In the Roadmap for 2025, projections for 2044 suggest a major shift in global business and economic dynamics. AI and related software services and hardware products are expected to grow significantly above the Roadmap 2025 estimate of \$4.6 trillion in revenue by 2044—up from less than \$200 billion in 2024. That’s more than a twentyfold increase in just two decades.

But even that figure may be conservative. Oracle recently revised its forecast for cloud-based AI services, aiming for over \$500 billion in cumulative sales by the early 2030s. And they’re not alone. Tech giants like Microsoft, Google, Alibaba, and SAP are scaling up their AI investments across both software and hardware, signalling a broader acceleration.

So, how big will it really be? If current trends hold—and if AI continues to integrate more and more in industries from healthcare to finance—the 2044 estimate might not just be understated. It could be dwarfed and 2044 could be more than \$6.0 trillion based on new information in 2025.

The AI economic market size towards 2044  
In billion USD



**Beyond software: the AI hardware frontier will expand too**

While most projections for AI revenue focus on software, cloud services, and data analytics, that’s only part of the story. The real economic footprint of AI includes a vast and rapidly growing hardware ecosystem—everything from smartphones and autonomous vehicles to industrial robots and smart appliances.

AI is no longer confined to data centers and dashboards. It’s embedded in the physical world. To give a few examples;

**Consumer devices**

Smartphones, wearables, and home assistants increasingly rely on on-device AI for voice recognition, image processing, and predictive behaviour. By 2044, AI-enabled consumer electronics could generate over \$1 trillion in annual revenue, driven by edge computing and personalized experiences.

**Automotive and mobility services**

Autonomous driving, predictive maintenance, and intelligent traffic systems are transforming transportation. AI hardware in vehicles—including sensors, chips, and control



systems—is projected to contribute \$800 billion to \$1.2 trillion annually by 2044, with electric and autonomous vehicles leading the charge. The value of autonomous vehicles comes on top

### **Industrial robotics and automation**

Factories and logistics hubs are adopting AI-powered robots for precision tasks, quality control, and adaptive workflows. This sector alone could account for \$600–800 billion in annual revenue, as AI becomes the backbone of smart manufacturing.