

AI Is Building a More Abundant Future

→ Bryce Chinault | Director of State Government Affairs

BOTTOM LINE

The AI debate often centers around what might go wrong. Meanwhile, AI is already improving lives across medicine, science, work, agriculture, energy, and public safety, helping people do things that were once too expensive, too difficult, or simply impossible. This is what abundance looks like right now.

CORE RULE Weigh AI's benefits as seriously as its risks, and give people room to discover what the technology can do.

WHERE AI IS DELIVERING TODAY

AI is already paying off. It drove 39% of US economic growth in the first nine months of 2025, and Goldman Sachs expects that boost to our economy to grow into the 2030s. Everyday Americans are winning too: they get about \$172 billion a year in value from AI tools, way more than they pay for them.

BETTER HEALTH, EARLIER

- A new AI tool can spot signs of heart disease from a routine ECG in under two seconds, helping doctors fast-track high-risk patients for more testing.
- Another model can predict which drugs are most likely to work for individual breast-cancer cases.
- When doctors miss diagnoses like shoulder endometriosis, rare diseases, or tethered cord syndrome, patients are frequently finding them through chatbots. AI isn't replacing doctors, but improving the path to the right ones.

FASTER SCIENTIFIC DISCOVERY

- MIT researchers built an AI system that can design new materials more likely to stay chemically stable in real-world conditions.
- AI agents are finding errors in scientific literature that went unnoticed for decades.
- Other systems help researchers design experiments, engineer proteins, and attack previously intractable math problems.

A SAFER, CLEANER PHYSICAL WORLD

- Deep-learning systems turn satellite observations into global maps of methane plumes and their sources, pinpointing emissions that can be fixed.
- Farmers deploy AI-powered machines that target weeds precisely, reducing reliance on pesticides.
- A new forecasting model can predict tropical cyclones with up to an extra day of warning, time that matters when communities prepare or evacuate.

MORE PRODUCTIVE WORKERS

- [Small businesses](#) are using AI to cut paperwork and keep employees focused on customers. One [window-and-door company's](#) app listens to showroom conversations and drafts quotes for salespeople to review, so staff serve more customers with fewer errors.

MORE INTELLIGENCE, AVAILABLE TO MORE PEOPLE

Expertise has always been scarce and expensive. AI makes pieces of it dramatically cheaper and more widely available:

- A student gets personalized explanations.
- A small business analyzes information that once required a large staff.
- A scientist explores more hypotheses.
- A doctor identifies which patients deserve closer attention.

POLICYMAKERS SHOULD

- 1. Weigh benefits as seriously as risks.** Rules that prevent harms but delay new medicines, scientific breakthroughs, better disaster forecasts, and productivity gains carry costs of their own.
- 2. Meet real challenges with serious solutions.** AI will create real challenges, and they deserve real answers.
- 3. Leave room to discover.** Give people room to find out what this technology can do, and make sure those benefits reach everyone.

AI is already showing us what is possible. The opportunity now is to turn that possibility into abundance.

Explore hundreds more examples, from medicine and science to agriculture, energy, conservation, and education, at aiopportunities.org.

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Bryce Chinault
Director of State Government Affairs
bryce@abundance.institute

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