

Accelerating Inclusive AI Innovation by Building Trust

American success in the development of artificial intelligence (AI) has brought about broad adoption of AI, so much so that very few aspects of our lives, individually and collectively, remain untouched by these technologies. We now stand at an important juncture that pertains less to what new levels of efficiency AI can enable, and more to whether these technologies can become a force for good in ways that go beyond efficiency. We have a critical opportunity to use AI to help make society more equitable, inclusive, and just; make government operations more transparent and accountable; and encourage public participation and increase the public's trust in government. When used according to these objectives, AI can help reaffirm our democratic values. Put another way, responsible development and use of AI to further human values and ensure trustworthiness is the only path to a sustainable ecosystem of innovation, and the only one that our society will tolerate.

What should governments do to build trust in AI and trustworthy AI?

To further human values and ensure AI is trustworthy:

- Promote eight principles: human rights, well-being, data agency, effectiveness, transparency, accountability, awareness of misuse, competence.
- Develop explicit risk-benefit analysis frameworks for government use of AI.

To achieve inclusive innovation:

- Increase federal investment for research and development on the responsible and ethical development and use of AI, and its social impacts.
- Support AI education and retraining opportunities to create a diverse AI workforce.
- Build capacity within government to develop, procure, and manage AI in ways that increase efficiency, while carefully weighing the benefits and the risks of these technologies to a range of stakeholders.
- Develop educational resources to inform members of the public about AI.

To ensure the fairness, safety, security, and reliability of AI:

- Develop, update, and enforce standards and certifications for AI and their operators.
- Fund recurring benchmarking exercises and independent studies to ensure effectiveness, competence, inclusiveness, accountability, and transparency in operation.
- Prioritize standards, certifications, benchmarking exercises, and independent studies for high-risk AI.
- Require high-risk AI be independently verified and validated prior to deployment.
- Ensure awareness, access, and research on the existence, fairness, safety, security, privacy, and ethical and societal impacts of AI.
- Eliminate barriers to parties' access to information needed to ascertain relevant evidence about and from AI/AS in legal disputes.
- Promote accountability and transparency in government AI procurement and contracting.