# Effective Governance of AI

AI systems can contribute to holistic human and social prosperity, competitiveness, and security. However, because of the nature of AI systems, these benefits can be achieved only if those charged with the governance of these systems work to provide the right balance of investments, incentives, and frameworks. Guard rails are needed to prevent potential harms, as well as to enable the public to understand the potential impact of AI on society and build public support for its responsible adoption. Insufficient attention to AI as a fast-moving, emerging technology could result in high-profile controversies, critical failures, and even loss of life. An internationally competitive and prosperous workforce is needed within and beyond government to develop, deploy, and manage the AI systems that already impact many aspects of American society and will only continue to expand into more facets of citizen and government functions.

## What should governments do to ensure AI contributes to American prosperity, competitiveness, and security?

Realize the economic benefits of AI systems while adhering to meaningful democratic governance:

- Calibrate public trust, understanding, and discourse about AI systems.
- Support AI education and retraining opportunities to meet future workforce needs.
- Increase government access to AI technical expertise.

Generate sensible legal and diplomatic frameworks for AI:

- Establish reliable, predictable, bias-free, and robust legal frameworks for AI systems.
- Balance the approaches to the governance of AI systems.
- Prioritize international cooperation for ethical, trustworthy AI systems.

Encourage the technical development of competitive, safe, and ethical AI systems worthy of public trust:

- Ensure awareness, access, research, and testing on the fairness, safety, security, privacy, and societal impacts of AI systems.
- Increase government investment in AI to levels that exceed those of competing nations.
- Increase funding and quality of testing, evaluation, certification, and investigation for AI systems.
- Identify and address vulnerabilities in AI systems.
- Develop and promote standards for ethical, trustworthy AI systems through market-driven, consensus-based standards development processes adhering to the core principles of due process, openness, consensus, balance, and the right of appeal.