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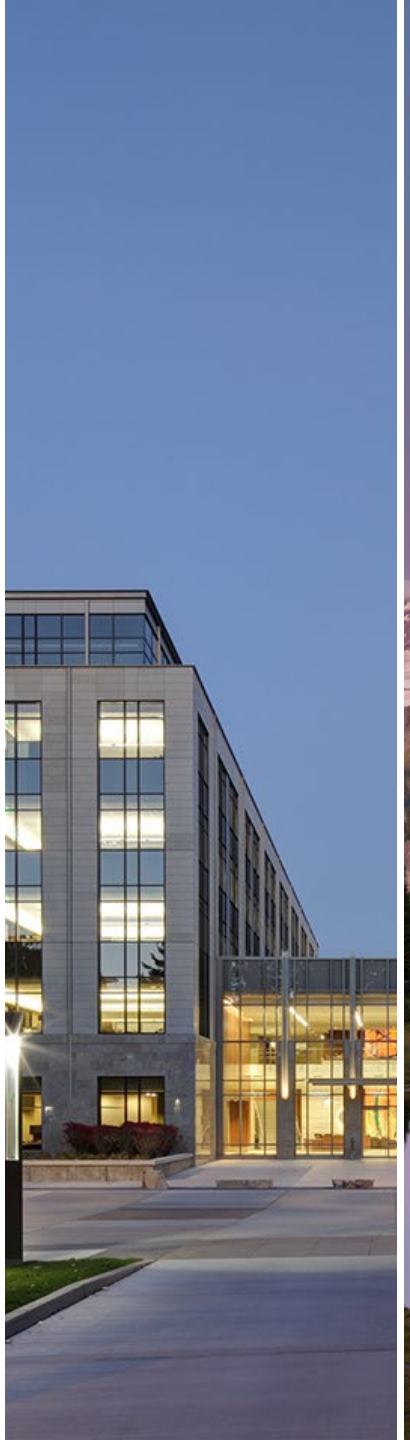
Executive Order 24-01:

Preparing Washington for Generative AI

House Technology, Economic Development, & Veterans Committee

Jan. 22, 2025







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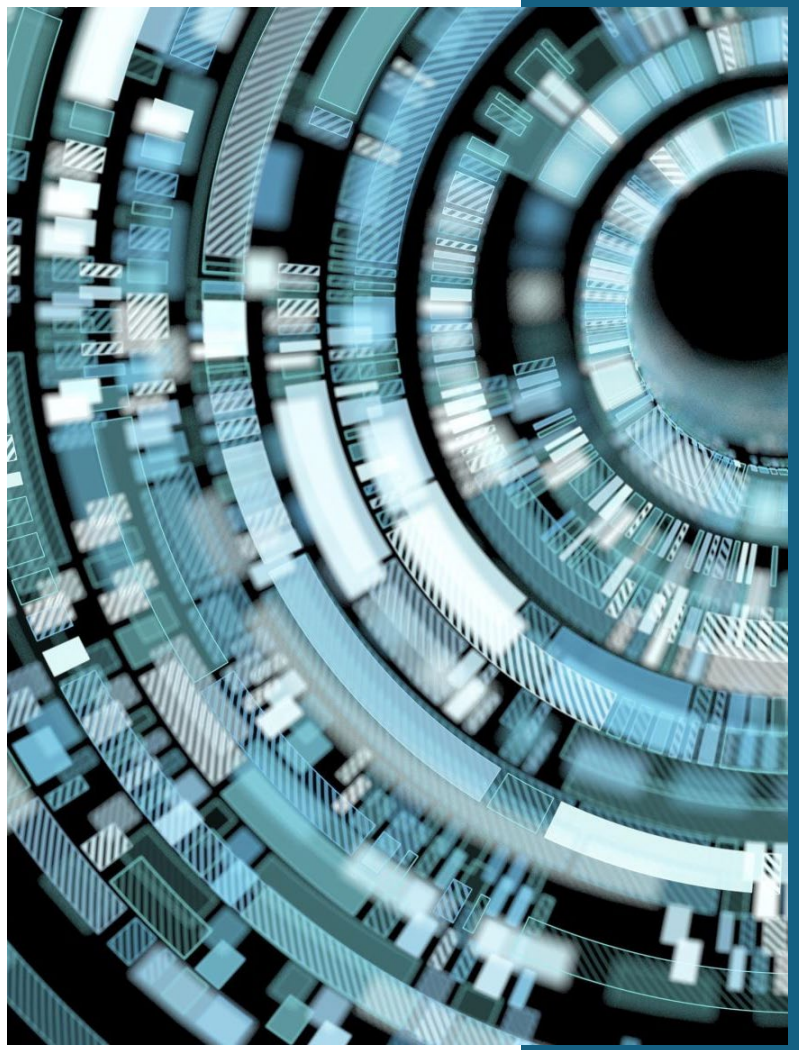
- **Introduction:** Overview of Executive Order 24-01 and WaTech's leadership.
- **Reports Overview:** Summary of reports required by the order.
- **Outreach and Collaboration:** Engagement efforts with external partners.
- **WaTech Reports:** Focus on Generative AI Initiatives, Procurement Guidelines, Risk Assessments, and Equity Analysis Guidelines.
- **Governance and Conclusion:** Next steps for governance and adoption of guidance and risk assessment processes.
- **Q&A:** Discussion.

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Introduction

- The Executive Order tasked multiple agencies, including WaTech, with creating deliverables to support the responsible adoption of generative AI in Washington.

- Our focus today will be on the work WaTech led: Interim Generative AI Guidelines, The Generative AI Report, Procurement & Deployment Guidelines, Risk Assessments, and Equity Analysis Impacts.



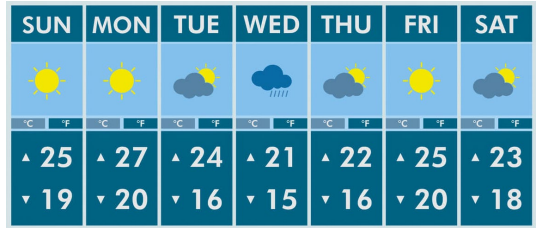
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AI Definitions and Examples

ARTIFICIAL INTELLIGENCE
Technology that emulates human intelligence. perception, and predictive abilities



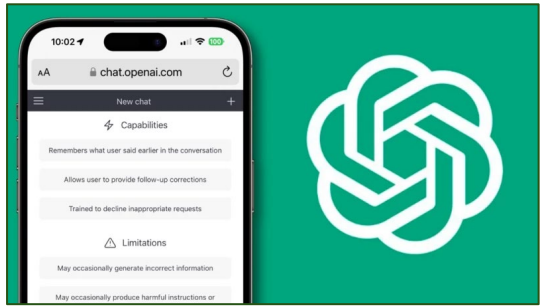
MACHINE LEARNING
Using algorithms to parse data, learn from it and determine or predict something



DEEP LEARNING
Neural networks with “deep” layers that can be trained with massive amounts of data.

NETFLIX

GENERATIVE AI
Generative AI learns patterns and relationships from massive amounts of data, which enables them to generate new content.



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AI Initiatives in Washington State

AI Community of Practice

- State agencies
- Local government
- Higher education
- Subcommittees
  - Risk
  - Policy
  - Use cases
  - Local government

AGO AI Taskforce

- Executive Committee
  - (19 members)
  - Industry, advocacy, government, legislative members
  - Subcommittees focused on various dimensions and impacts of AI

EO 24-01 – Generative AI

- Focused on Generative AI
- Required nine actionable reports
- Multi-agency partnership: WaTech, Department of Enterprise Services, Office of Financial Management, Office of Equity, Workforce Training and Education Coordinating Board

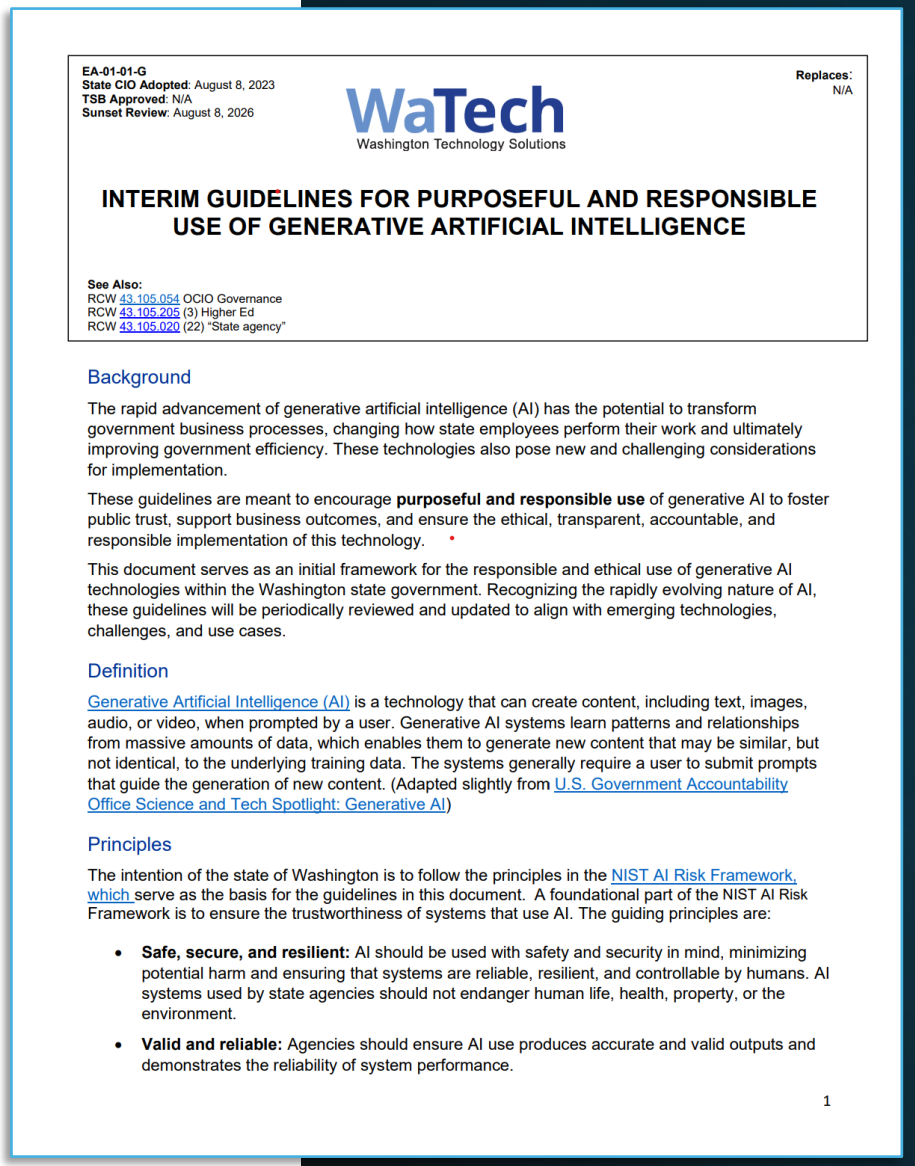
WaTech Emerging Technology Program

- WaTech program focused on accelerating the adoption of emerging technology.
- Developing statewide GenAI sandbox.
- Producing report on public sector best practices for Artificial Intelligence.

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Interim Guidelines for Purposeful and Responsible Use of Generative AI

- Adopted August 2023.
- Lays out guiding principles
  - Based on National Institute of Standards and Technology AI Risk Management Framework to ensure adoption of trustworthy AI.
- Outlines Gen AI "Do's and Don'ts"



EA-01-01-G
State CIO Adopted: August 8, 2023
TSB Approved: N/A
Sunset Review: August 8, 2026

Replaces: N/A

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INTERIM GUIDELINES FOR PURPOSEFUL AND RESPONSIBLE USE OF GENERATIVE ARTIFICIAL INTELLIGENCE

See Also:
RCW 43.105.054 OCIO Governance
RCW 43.105.205 (3) Higher Ed
RCW 43.105.020 (22) "State agency"

Background

The rapid advancement of generative artificial intelligence (AI) has the potential to transform government business processes, changing how state employees perform their work and ultimately improving government efficiency. These technologies also pose new and challenging considerations for implementation.

These guidelines are meant to encourage **purposeful and responsible use** of generative AI to foster public trust, support business outcomes, and ensure the ethical, transparent, accountable, and responsible implementation of this technology.

This document serves as an initial framework for the responsible and ethical use of generative AI technologies within the Washington state government. Recognizing the rapidly evolving nature of AI, these guidelines will be periodically reviewed and updated to align with emerging technologies, challenges, and use cases.

Definition

Generative Artificial Intelligence (AI) is a technology that can create content, including text, images, audio, or video, when prompted by a user. Generative AI systems learn patterns and relationships from massive amounts of data, which enables them to generate new content that may be similar, but not identical, to the underlying training data. The systems generally require a user to submit prompts that guide the generation of new content. (Adapted slightly from U.S. Government Accountability Office Science and Tech Spotlight: Generative AI)

Principles

The intention of the state of Washington is to follow the principles in the NIST AI Risk Framework, which serve as the basis for the guidelines in this document. A foundational part of the NIST AI Risk Framework is to ensure the trustworthiness of systems that use AI. The guiding principles are:

- **Safe, secure, and resilient:** AI should be used with safety and security in mind, minimizing potential harm and ensuring that systems are reliable, resilient, and controllable by humans. AI systems used by state agencies should not endanger human life, health, property, or the environment.
- **Valid and reliable:** Agencies should ensure AI use produces accurate and valid outputs and demonstrates the reliability of system performance.

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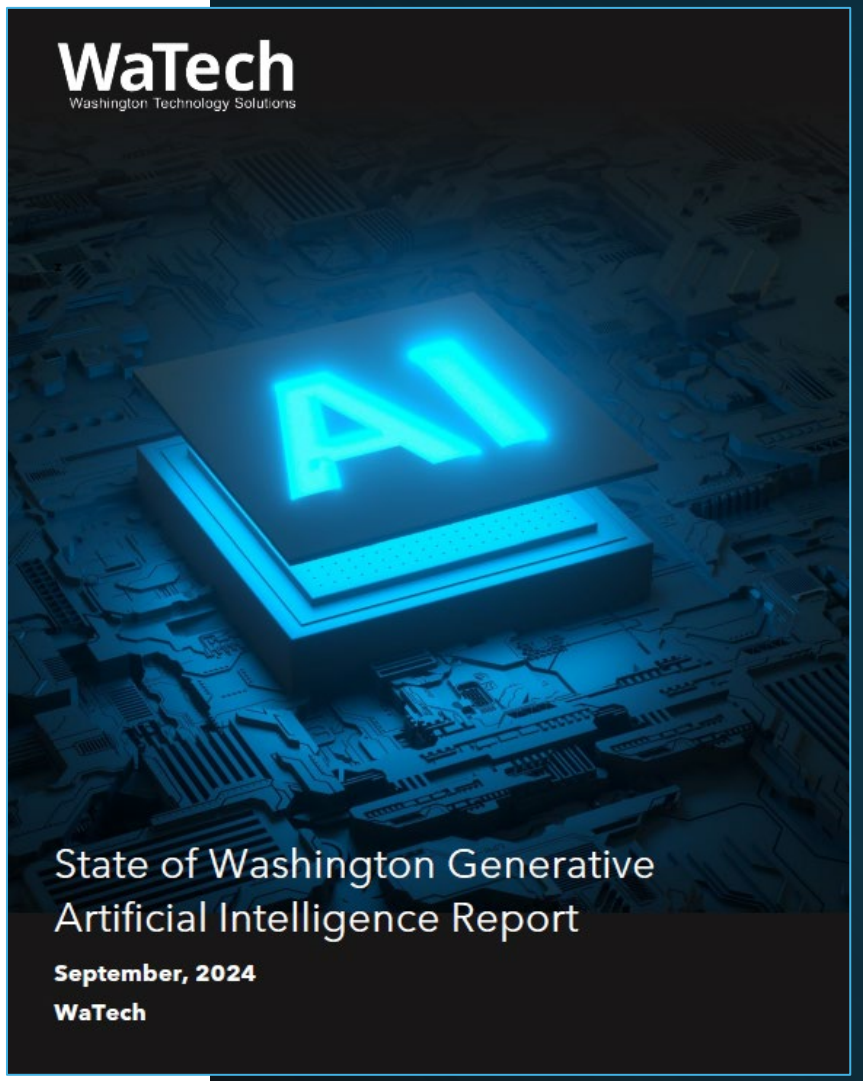
Summary of EO-24-01 – Generative AI

EO SEC.	LEAD AGENCY	NAMED COLLABORATORS	DELIVERABLE	DEADLINE
2	WaTech	Cabinet Agencies	Report of Gen AI initiatives for agencies	September 2024
3	WaTech	DES	Initial Guidelines for Procurement	September 2024
4	DES	Office of Equity WaTech	Training plan for state workers	January 2025
5	WaTech	Office of Equity Community members Tribal governments SMEs State agencies	Guidelines on impact of adopting Gen AI on vulnerable communities	December 2024
6	DES	WaTech	Contract terms templates	January 2025
7	Office of Equity	WaTech DES WTB	Accountability Framework	September 2024
8	WaTech		Risk assessments	December 2024
9	OFM	Labor organizations WTB WaTech	Report of impact of Gen AI on state workforce	December 2024
10	WTB		Identify and create research opportunities	January 2025

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Washington State Generative AI Report

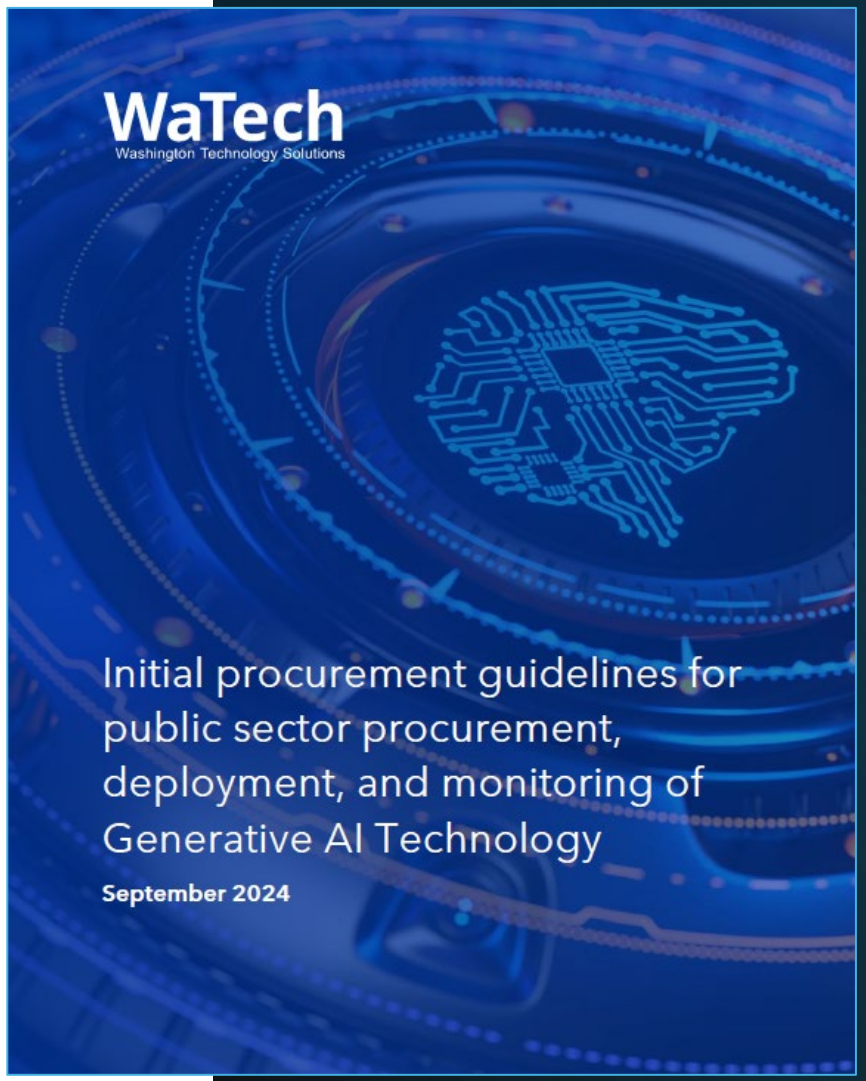
- Created under EO 24-01, provides a strategic roadmap for integrating generative AI across state agencies.
- Evaluates potential benefits and challenges, ensuring ethical and responsible use
- A phased implementation plan focused on innovation, collaboration, and governance.



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Generative AI Procurement Guidelines

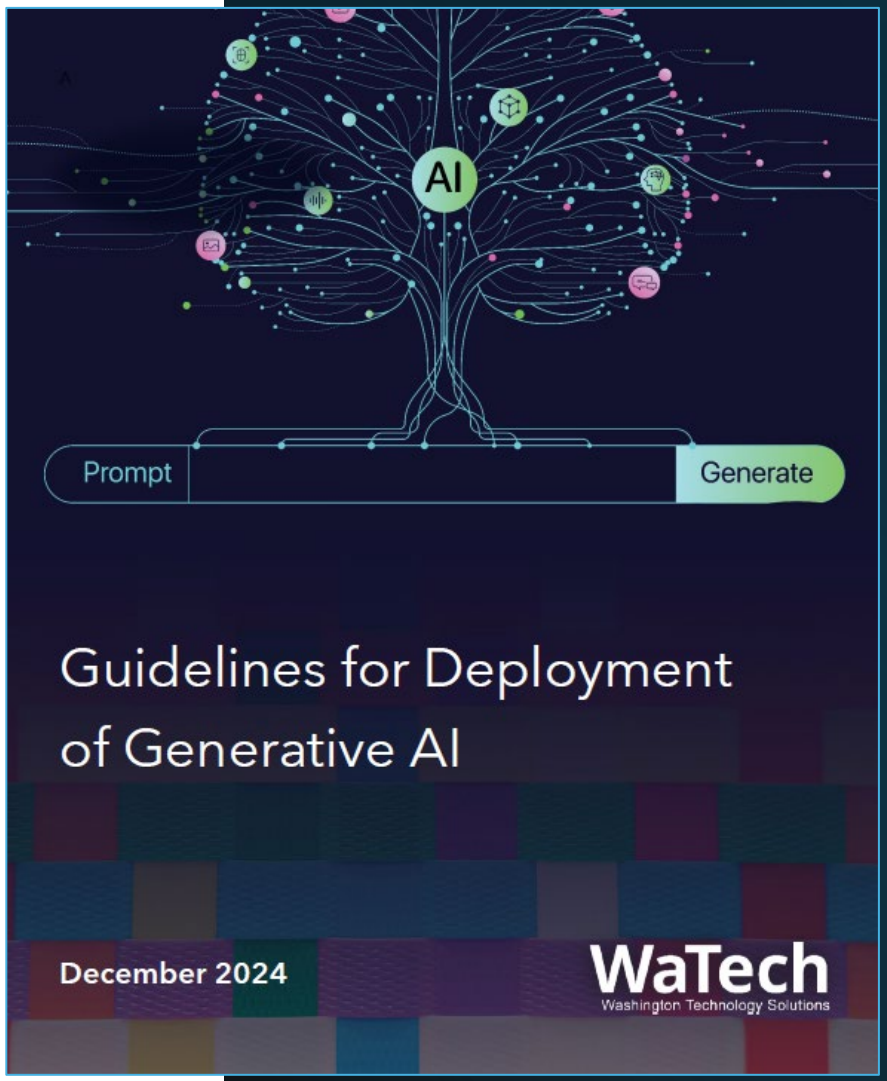
- Align with federal and state frameworks.
- Focus: safety, utility, transparency, and algorithmic fairness.
- AI opportunities and risks in public service.



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Equity Analysis Guidelines for GenAI

- Prioritize identifying and addressing impacts on vulnerable communities.
- Agencies encouraged to engage communities and mitigate biases in AI systems.
- Continuous monitoring frameworks are essential to track long-term impacts and ensure equitable outcomes.



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Risk assessments for high-risk AI systems

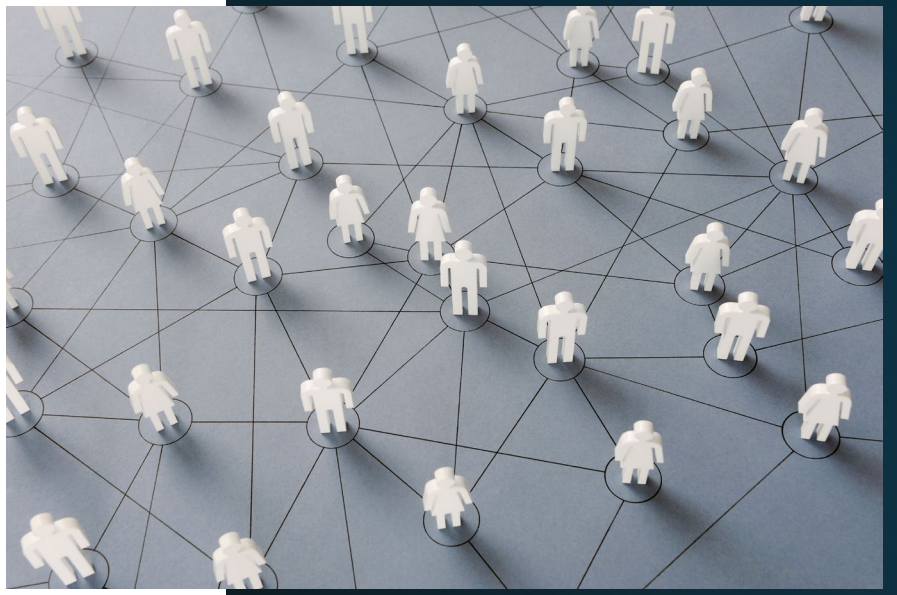
- The report provides a framework for identifying and assessing high-risk AI systems.
- Focusing on risks to health, safety, and fundamental rights.
- The implementation plan includes updates to tools and processes and sets up policies and training over time.



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Governance

- The EO deliverables lay the groundwork to ensure that Generative AI technologies are implemented responsibly across the state operations.
- EO deliverables emphasize transparency and accountability in Gen AI adoption.
- WaTech's collaboration with agency partners is essential for the responsible deployment of Generative AI technologies.



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Thank You

Point of contact:
Angela Kleis, Director of Policy & External Affairs
angela.kleis@watech.wa.gov