



Cognitive Insights for Artificial Intelligence

California Governor Gavin Newsom Issues an Executive Order on AI

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Governor Gavin Newsom from the State of California on September 6th, 2023 issued an [Executive Order](#) on Artificial Intelligence (AI) to significantly prepare Californians for the progress of AI, particularly Generative AI.

As a global leader in the Generative AI space, from research and development and innovation to human capital and entrepreneurship, California intends to continue leading and promoting the responsible design, development, integration and management of emerging technologies.

The order highlights the need to balance the power of Generative AI technologies to enhance human potential with the risks such technologies bring like bias, bioterrorism, cyberattacks, and disinformation, among other malicious uses.

United governance is called upon, as well as the following requirements from now until at least January 2025:

- Within 60 days of Order issuance, multiple state agencies, departments and their workforce must produce a report determining the “most significant, potentially beneficial use cases” for implementation and integration of Generative AI tools by the State.
 - Potential risks across society must also be addressed, focusing on high-risk use cases in which decisions critical to the access of essential goods and services are being made.
 - The report, in consultation with industry experts, state government, academia and civil society, should be assessed and updated where appropriate.

- No later than March of 2024, multiple state agencies dedicated to cybersecurity and threat assessment must complete risk analysis detailing “potential threats and vulnerabilities of California’s critical energy infrastructure” using Generative AI.
 - Results will be presented in a classified briefing, and unclassified information

will be opened to the public for recommendations on steps forward.

- Recommendations shall address how to ensure effective human control.
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- To encourage a safe and responsible innovation ecosystem, the following various requirements are made for multiple state government agencies and departments, most to be done in consultation with industry experts, academia, state government workforce and civil society (including historically vulnerable and marginalized communities):
 1. Within 60 days of Order issuance: to conduct and submit an inventory of all current high-risk uses of Generative AI to the California Department of Technology.
 2. By January 2024: building from the White House's [Blueprint for an AI Bill of Rights](#) and NIST's [AI Risk Management Framework](#), to issue general guidelines for the public sector procurement, uses, and required training for the use of Generative AI.
 3. By March 2024: to establish the infrastructure to conduct pilots on Generative AI projects, including “sandboxes” to test such projects.
 4. By July 2024: to develop guidelines for State agencies and departments to analyze the impact the adoption of Generative AI tools may have on vulnerable communities.
 5. Also by July 2024: to consider pilot projects of Generative AI applications and measure how Generative AI can improve Californians' experience with and access to government services, including how Generative AI can support state employees to complete their duties.
 6. No later than July 2024: to make available appropriate training for state government workers' use of state-approved Generative AI tools to achieve equitable outcomes.
 7. 2024 Summit: the University of California, Berkeley's College of Computing, Data Science, and Society and Stanford University's Institute for Human-Centered AI to jointly develop and host a California-specific symposium to engage in meaningful discussions on Generative AI and its impacts on Californians' lives.

8. By January 2025: to update the State's project approval, procurement and contract terms.

9. No later than January 1, 2025: to establish criteria to evaluate the impact of Generative AI to the state government workforce, as well as provide guidelines on how State agencies and departments can support state employees' effective use of such tools.

Navigate compliance obligations in the State of California and beyond

California is setting the pace for AI regulatory initiatives across the United States, but legislative momentum is building all around the world, with compliance implications for companies using AI in their business.