



 **truyo**TM

Leading the Way in AI Governance

AI Governance Guide

- Guide to White House Executive Order on Responsible AI
- How Truyo Helps You Comply
- Beginning Your AI Governance Journey
- 5 Steps to Defensible AI Governance Workshop
- About the Truyo AI Governance Platform



White House Executive Order on Responsible AI



White House Pushes for Comprehensive AI Legislation

The White House Executive Order on Responsible AI represents a pivotal step in shaping the future of artificial intelligence governance in the United States. By establishing clear guidelines and promoting responsible practices, the Executive Order aims to foster innovation while addressing ethical concerns, ensuring transparency, and safeguarding public interests. Explore the details of this landmark initiative and understand how it will influence the evolving landscape of AI technology and governance.

Key Elements of the Executive Order



Privacy is Paramount

Federal agencies are tasked with providing methods for safeguarding individuals' privacy and assessing the efficacy of the laws that are currently in place.



Cryptography Protections

As quantum computing develops, the directive mandates that the National Science Foundation collaborate with researchers to strengthen cryptographic safeguards.



Calls Upon Developers to Participate

The Defense Production Act will require developers to share safety test results using red-team safety test data to identify software vulnerability.



Widespread Cooperation Required

The Department of Energy, Homeland Security, and National Security Council are all called upon to participate in risk assessment and mitigation efforts.



Reducing Discrimination

Guidance will be provided for landlords, federal benefits programs, and contractors to reduce discriminatory practices while providing additional training for civil rights entities on AI-related violations in the justice system.



Creation of Federal AI Department

The order outlines the development of a National AI Research Resource to aid small enterprises with technical support and easier access to research tools. Also, it expedites the visa process for those with AI skills to study and work in the United States.





AI Governance

Requirements Outlined by the White House Executive Order on AI



White House Executive Order on Responsible AI

On October 30, 2023, the Executive Order on the Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence outlined several key requirements and actions ensuring responsible AI development and deployment in the United States. Here is a summary of the requirements that may apply to your organization and how Truyo can help you in your compliance journey:

Testing & Evaluation

- AI models must undergo rigorous testing and evaluation before deployment, particularly those with significant capabilities or risk profiles. This includes testing for safety, security, and potential misuse. Agencies are required to set standards and guidelines for AI testing, including the development of testbeds and benchmarks.

How Truyo Helps

- ✓ Scanning for Shadow AI
- ✓ Bias Testing
- ✓ Vendor Surveys

Transparency & Reporting

- AI developers and users, especially in critical sectors, must disclose information about their AI systems, including their capabilities, limitations, and the data used for training. The government will establish mechanisms for reporting AI-related incidents, risks, or failures to ensure accountability and transparency.

How Truyo Helps

- ✓ Reporting Package
- ✓ Notice Generation

Privacy Protections

- AI systems must be designed and deployed with strong privacy protections, ensuring that personal data is handled in compliance with existing laws and regulations. There is a particular emphasis on protecting sensitive data and ensuring AI does not infringe on individual privacy rights.

How Truyo Helps

- ✓ Privacy Compliance Platform
- ✓ Consent Management
- ✓ De-Identification
- ✓ Understanding Data Leveraged in Use Cases





AI Governance

Requirements Outlined by the White House Executive Order on AI



Bias Mitigation

- Developers must take steps to identify, mitigate, and monitor bias in AI systems to prevent discriminatory outcomes. There is an emphasis on fairness and equity, particularly in AI systems used in public services or that impact vulnerable populations.

How Truyo Helps

- ✓ Bias Testing

International Collaboration

- The U.S. will work with international partners to align AI safety, security, and trustworthiness standards. There is a focus on fostering global cooperation to address AI risks that cross borders.

How Truyo Helps

- ✓ Use Case Documentation

Workforce Development & Education

- The Executive Order calls for the development of educational programs and resources to prepare the workforce for the AI-driven economy. This includes reskilling and upskilling initiatives to ensure workers can adapt to the changes brought by AI technologies.

How Truyo Helps

- ✓ Full Suite of Education for Employees and Governing Board

AI & National Security

- Specific directives are aimed at ensuring AI systems used in national security and defense are robust, secure, and trustworthy. There is a focus on protecting critical infrastructure from AI-enabled threats.

How Truyo Helps

- ✓ CMMC Certification Tool

Government Use of AI

- Federal agencies are required to adopt AI in ways that are safe, secure, and trustworthy, following the guidelines laid out in the Executive Order. This includes updating procurement processes and ensuring that AI systems used by the government adhere to the highest standards of ethical use.

How Truyo Helps

- ✓ Ensuring Safe Usage of AI
- ✓ Policy & Notice Builders





AI Governance

Compliance You Can Start Today



AI Governance Board

Your board will need to assess use cases for risk and approve/deny future use cases

Use Case Risk Mitigation

Companies should mitigate AI risks by implementing strict oversight, regular audits, and clear ethical guidelines for employees

Surveying Employees

Scheduled surveys should be sent to your workforce to allow for AI usage disclosure and reporting on ethical usage practices

Vendor Management

Any vendor your organization works with or contracts should be assessed for AI usage risk and compliance efforts

Bias Testing

All AI models should be tested for bias to avoid discriminatory outcomes

AI Consent

Companies must gain the consent of users to protect privacy and comply with legal regulations

Notice Generation

Public AI usage notices inform users about data practices, ensure transparency, and build trust

Use Case Evaluation

Current and future AI use cases need to be evaluated for risks such as bias and data exposure

Creating a Policy

Creating an AI usage policy involves consulting legal, ethical, and technical experts, and aligning with regulatory guidelines and specific AI use cases

Scanning for Usage

Not all AI usage will be apparent or disclosed, creating the need for a scanning tool to locate shadow AI usage in your organization

Workforce Training

All employees should be trained on the ethical and compliant usage of AI

De-Identification

Data should be scrambled to avoid exposure of PI

Privacy Compliance

Effective AI governance requires adherence to applicable privacy laws

Documentation

Affirmative compliance documentation will be crucial for navigating the enforcement of regulations



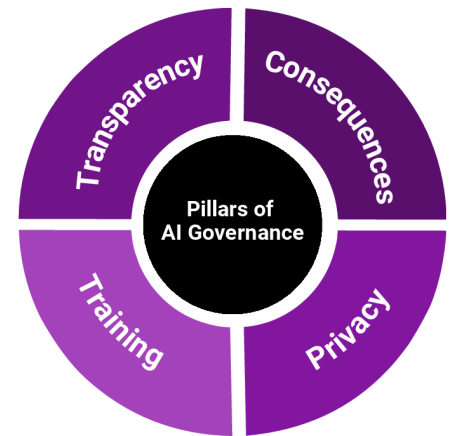


AI Governance Workshop

A Personalized Approach to Achieving Optimal AI Governance

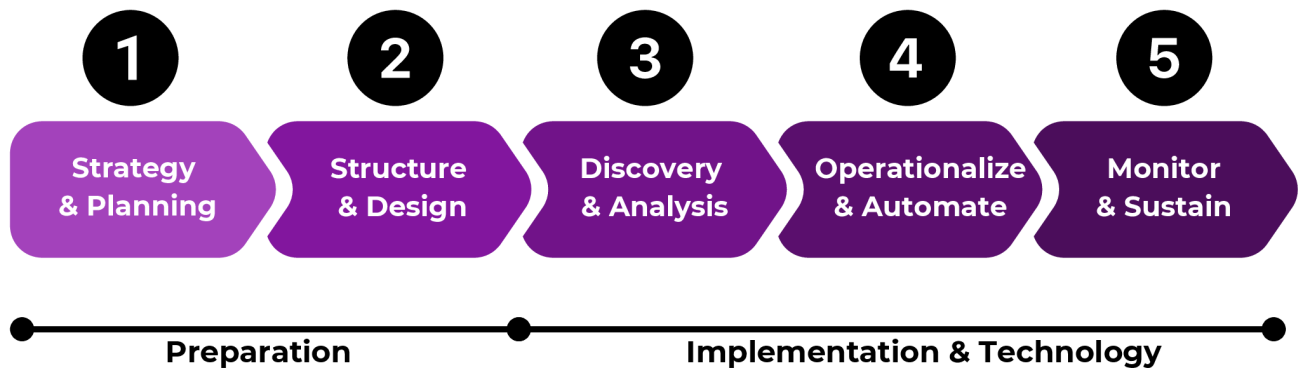
Building Defensible AI Governance

Planning and Executing the Key Pillars of AI Governance

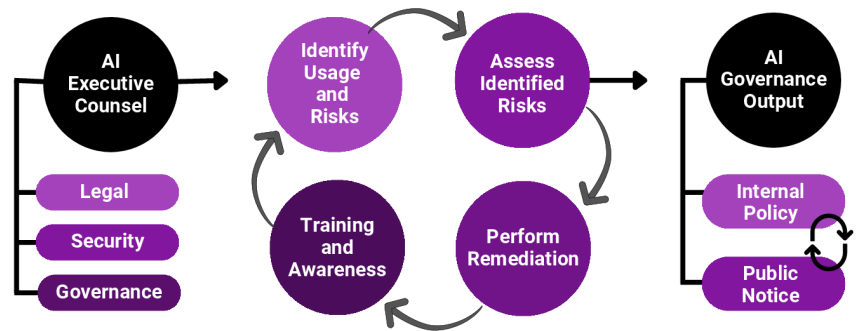


Truyo's AI Governance Workshop is a 2-hour collaborative event designed to outline and strategize a personalized governance program for your organization - from choosing your AI Governance Counsel to building AI usage policies. Our AI Governance experts will walk you through the 5 steps to defensible AI Governance from strategy to automation of key governance tasks.

Workshop Agenda



Your organization will leave with a comprehensive outline of your AI governance program and actionable items to begin executing. Each section of the workshop will outline the necessary educational components, personalized enablement strategies, and critical communication for your employees.



Leading the way in AI governance

www.Truyo.com



AI Governance Platform

The First Tool That Truly Addresses the Governance of Generative-AI Usage



How Truyo Helps You Comply

To comply, organizations need to understand AI use cases. Organizations can't govern what they don't understand, necessitating compliance elements such as surveying employees and vendors and scanning for shadow usage. While not specifically mentioned, building a governing body to develop and enforce your policies is intrinsic. Organizations need this governing board to be empowered, educated, aware of all use cases, and provided the tools to manage governance.



Discover Shadow AI

The platform will scan your URLs, repositories, emails, and source code for AI fingerprints so you know where AI is being used in your organization



Survey Employees & Vendors

Send scheduled surveys to your employees and vendors with a questionnaire on where and how AI is being used and might access or compromise PII



Manage AI Risk

Perform assessments based on the EU AI Law and White House Executive Order, alongside a NIST AI Risk Management Framework assessment, and a customizable, abbreviated version based on the NIST framework



Validate AI Models

AI laws seek to avoid bias, discrimination, and hallucinations - the Truyo platform helps you test and verify those issues don't exist in your AI models



De-Identify & Scramble PII

Ensure sensitive information is not present or being used to test and develop AI models



Train Your Employees

Ethical and compliant AI usage training is key - the tool provides critical training on all things AI including bias, ethics, and more



Private Instance

Utilize a private instance for AI governance to maintain control, ensure data security, and tailor oversight to your specific needs

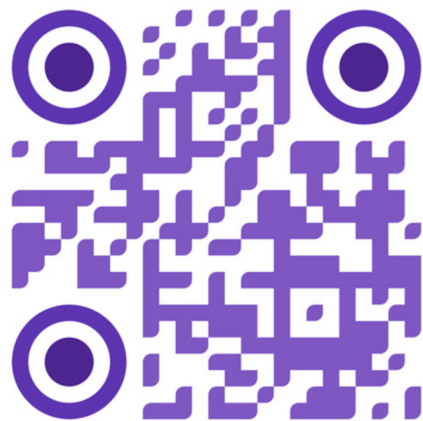


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Empowering responsible
innovation through robust privacy
compliance and AI governance





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