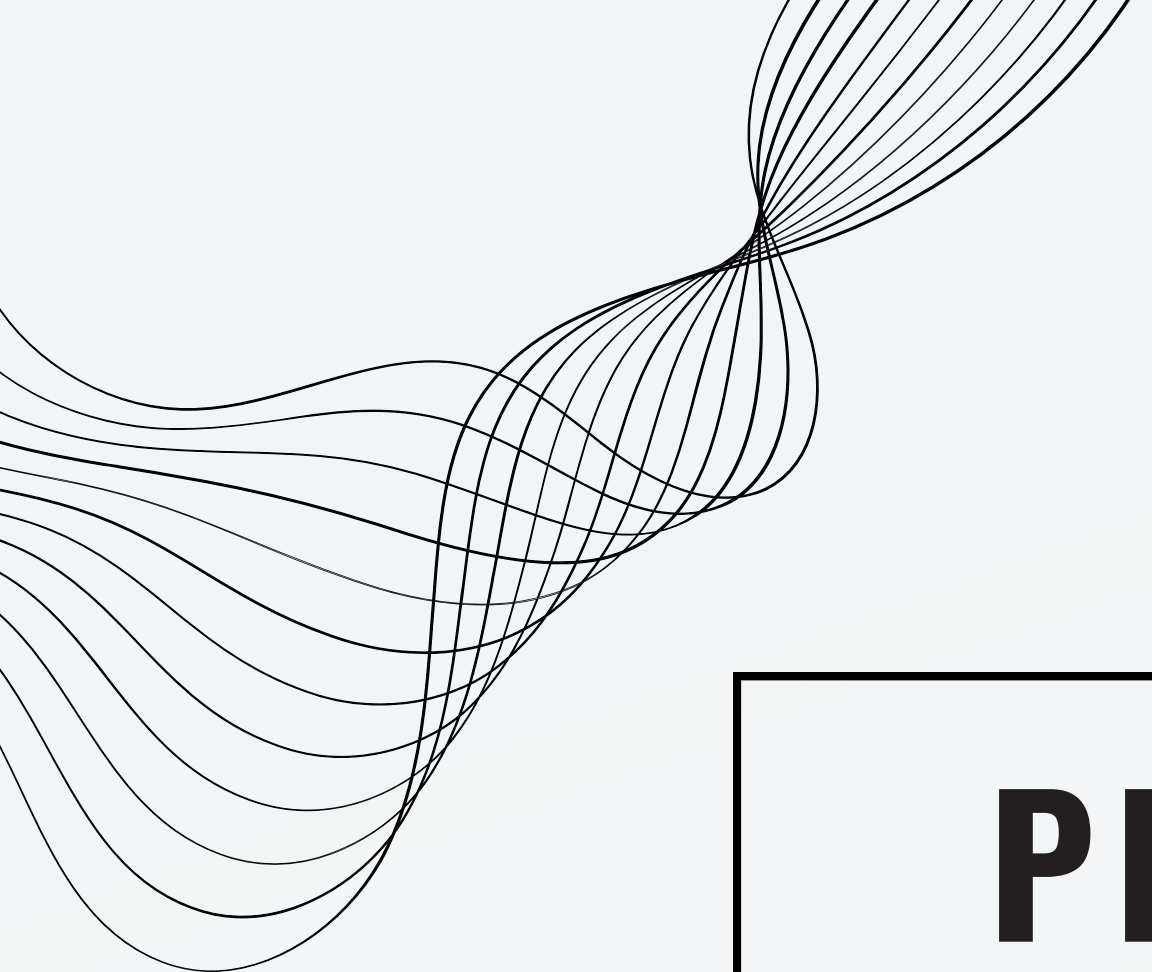
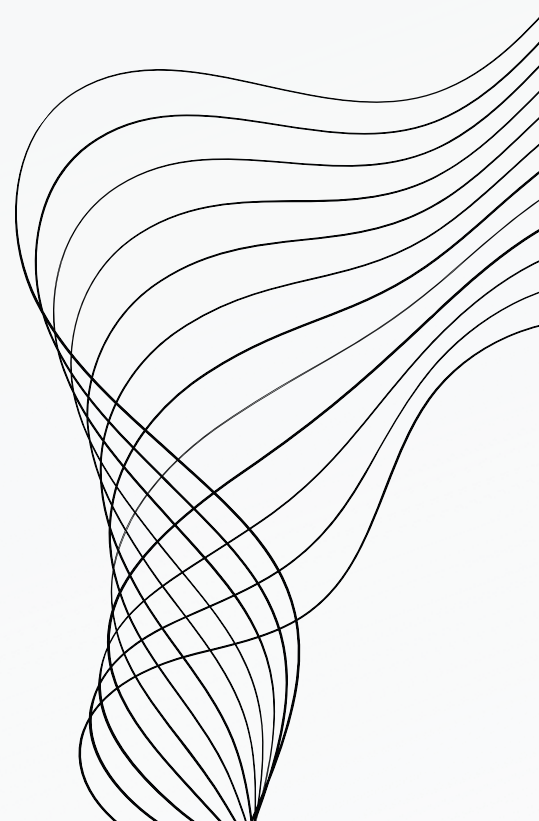




PLANNING FOR AI IN THE PUBLIC SECTOR

GREG BROTHERTON - JANUARY 4, 2024



ROADMAP



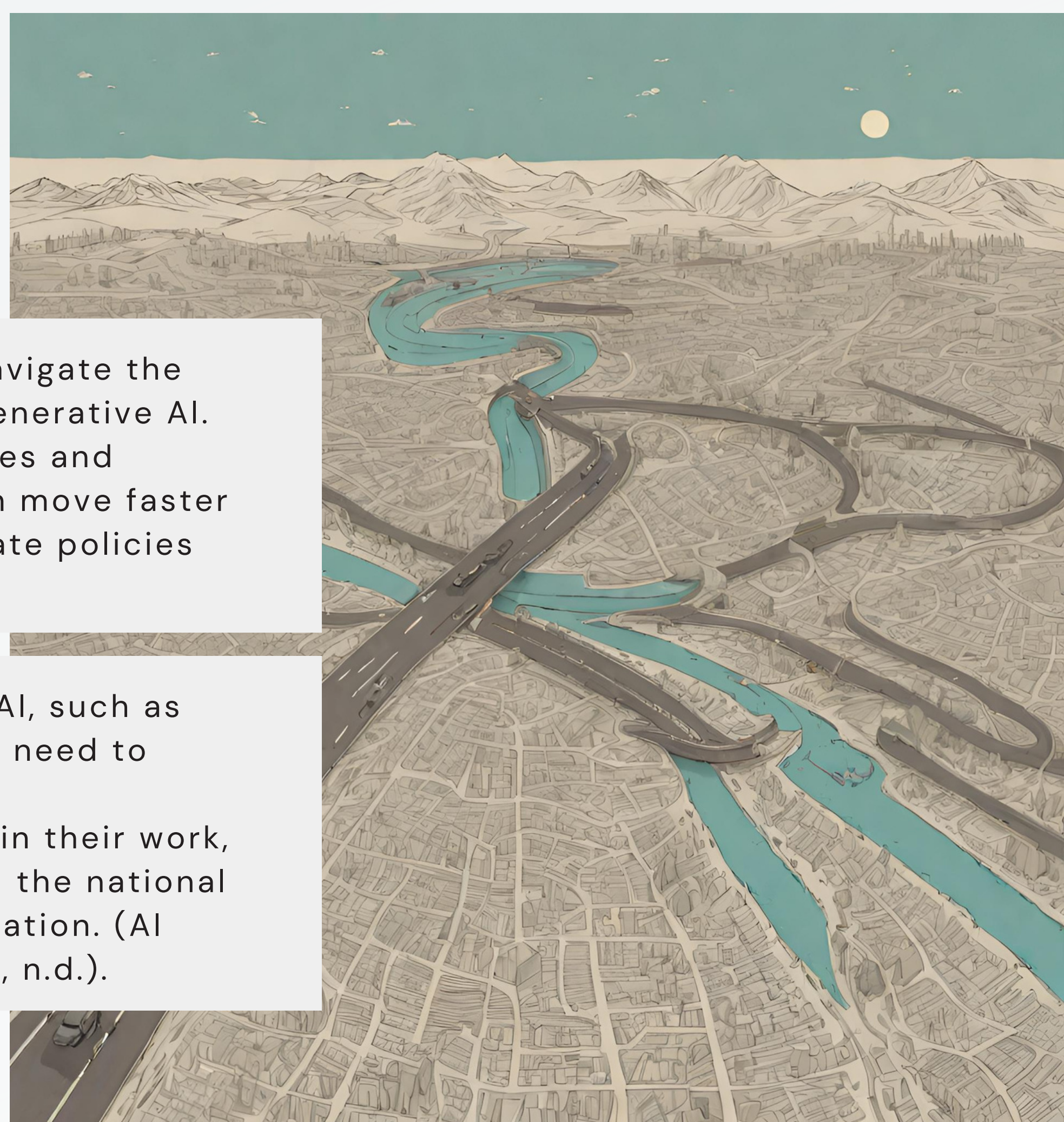
Policy Memo Thesis

Jefferson County will need to navigate the rapidly evolving landscape of Generative AI. By talking about the opportunities and challenges in the county, we can move faster and safer and develop appropriate policies and procedures.



Literature Review

It is clear that implementers of AI, such as local government and academia, need to keep their eyes on the ethical implementation and study of AI in their work, as well as actively participate in the national and international policy conversation. (AI Governance in the Public Sector, n.d.).



REGULATORY PATHS

United States

No formal universal policy

Open standards and
encouraged collaboration
between research and
government

“Blueprints”

Europe

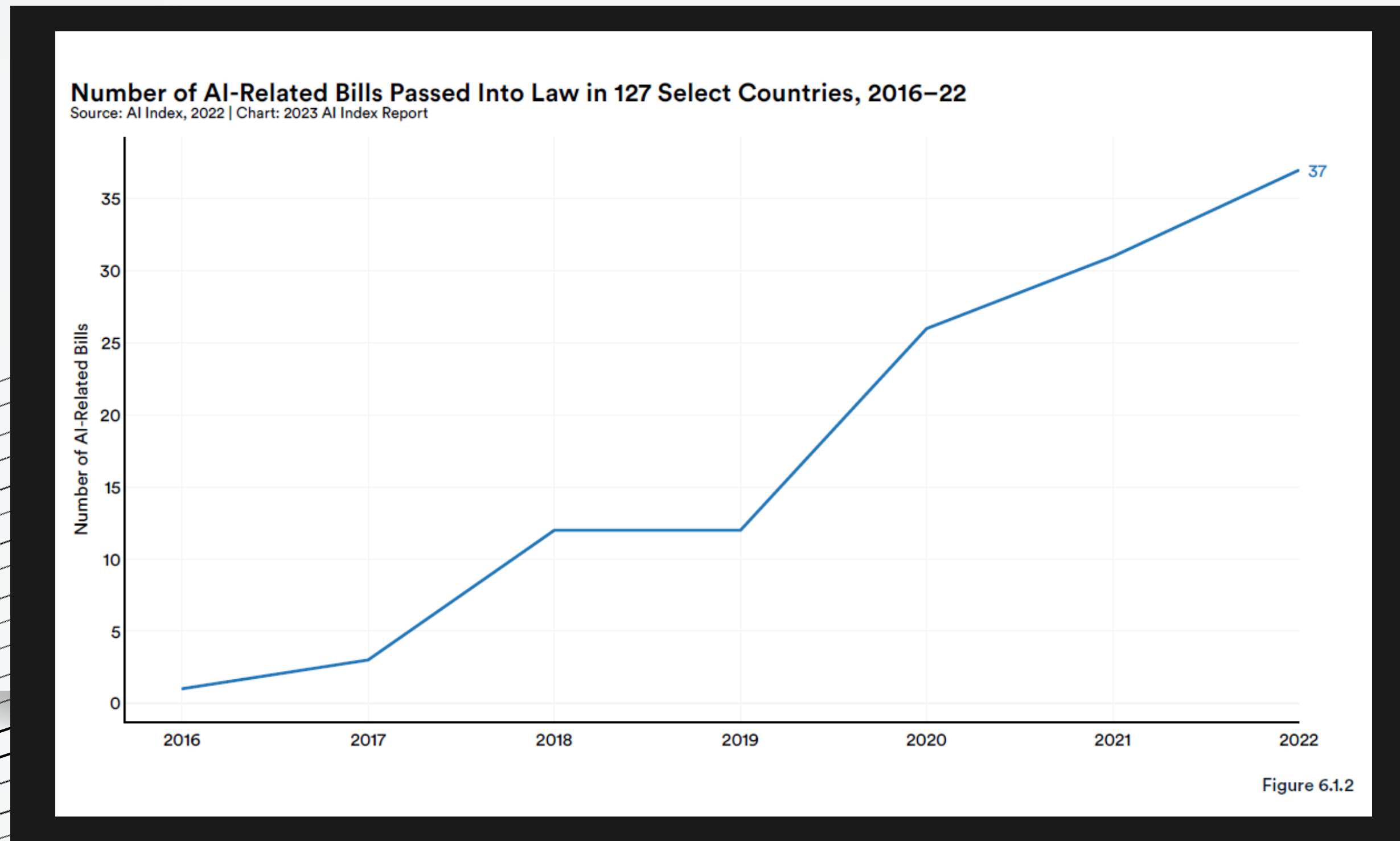
More regulation with 2021
European Artificial
Intelligence Act.

High Risk: Transportation,
Health Care, Automation

Soft Law: Ethics codes to
guide development

(Robles & Mallinson, 2023)

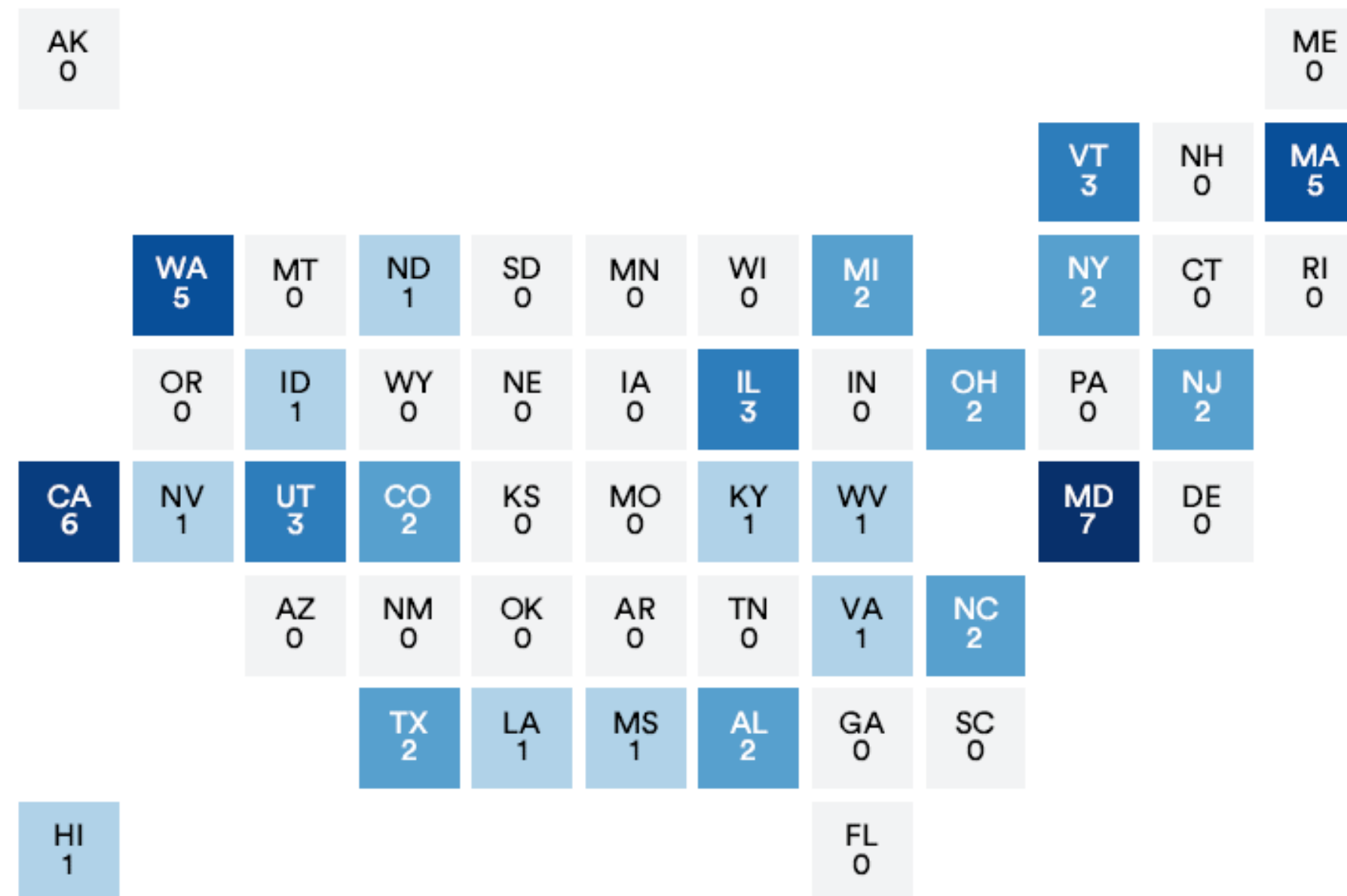
FRAGMENTED GROWTH



FRAGMENTED GROWTH

Number of State-Level AI-Related Bills Passed Into Law in the United States by State, 2016–22 (Sum)

Source: AI Index, 2022 | Chart: 2023 AI Index Report



FRAGMENTED GROWTH

Number of AI-Related Bills in the United States, 2015–22 (Proposed Vs. Passed)

Source: AI Index, 2022 | Chart: 2023 AI Index Report

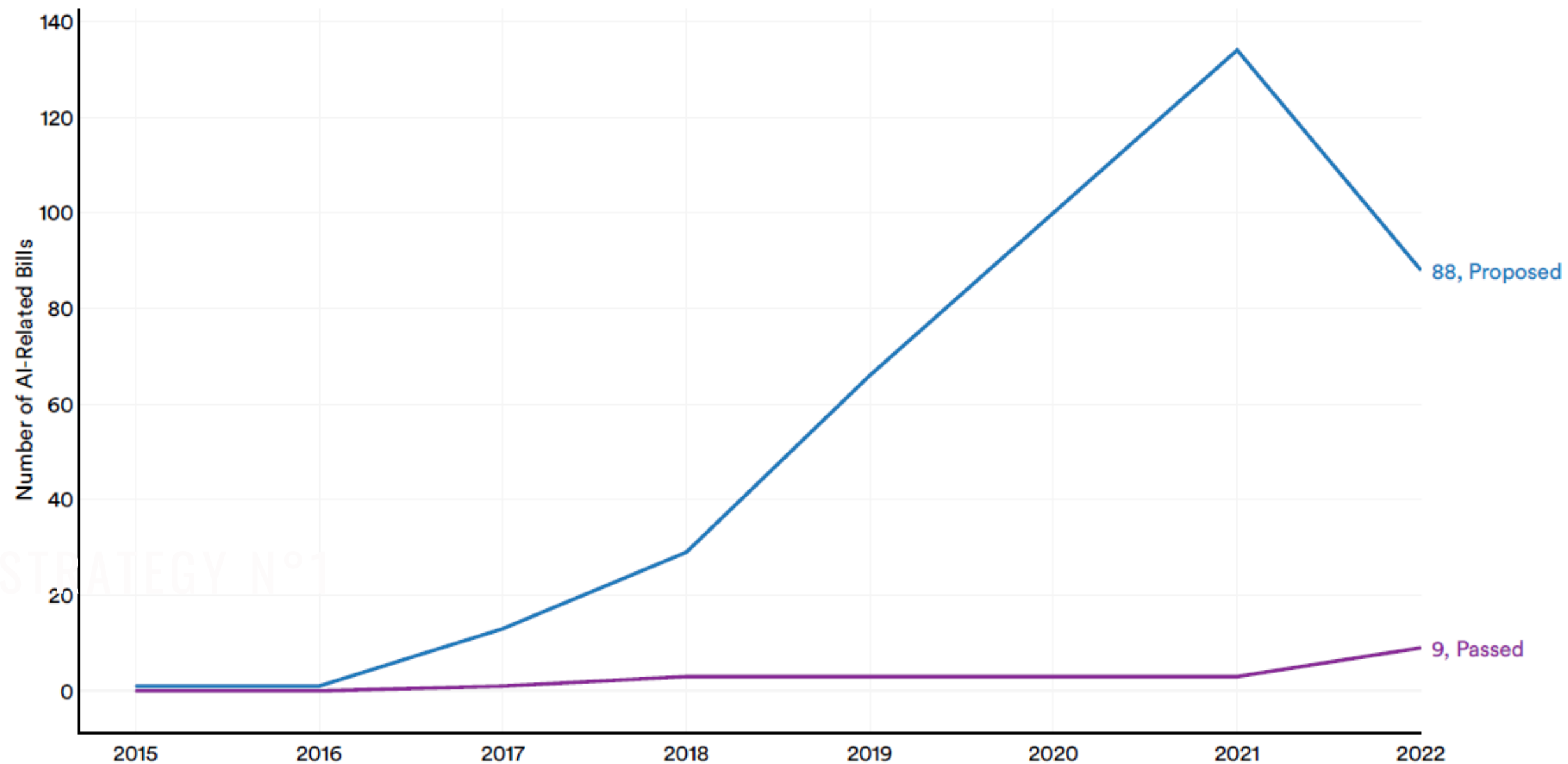
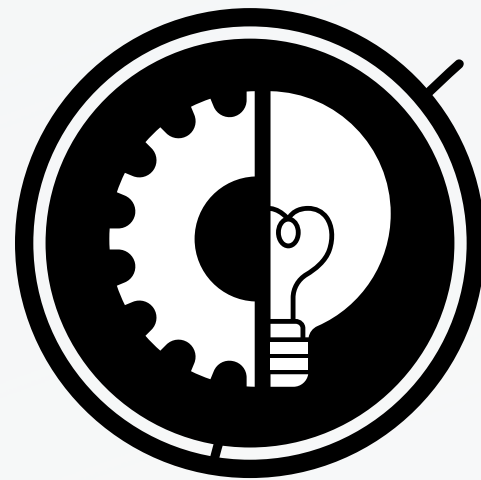


Figure 6.1.6

BLUEPRINT FOR AN AI BILL OF RIGHTS

Safe and Effective Systems

"You should be protected from unsafe or ineffective systems."

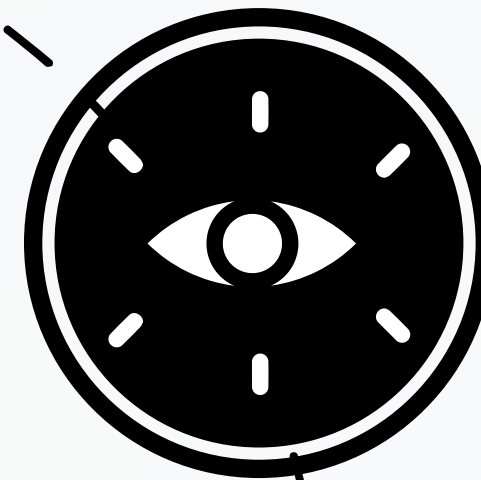


Algorithmic Discrimination Protections



Data Privacy

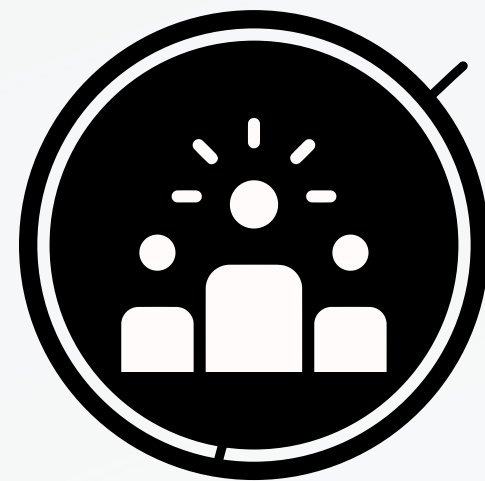
"You should be protected from abusive data practices via built-in protections and you should have agency over how data about you is used."



BLUEPRINT FOR AN AI BILL OF RIGHTS

Notice and Explanation

"You should know that an automated system is being used and understand how and why it contributes to outcomes that impact you."



Human Alternatives, Consideration and Fallback

"You should be able to opt out, where appropriate, and have access to a person who can quickly consider and remedy problems you encounter."



EQUITY, COMMODITY OR SKYNET

Strengths



- Exponentially more powerful over successive generations
- Accessible
- Challenges the paradigm
- A new era

- Pandora's Box
- Powerful Tool for misinformation and mischief
- Not truthful
- Challenges the paradigm
- Intellectual property and privacy

Weaknesses



EQUITY, COMMODITY OR SKYNET

Opportunities



- Public sector contributes to future framework which is codified and guides equitable development
- 32 Hour Work Week
- A doctor and lawyer in every pocket
- Personalized education

- Paperclip factory, or The Sorcerer's Apprentice
- Implicit Bias perpetuates through the system
- Misinformation perpetuates through the system
- "Regulation" guided by private industry not government and research.
- Recursive destruction - Garbage in, garbage out, dilution of quality

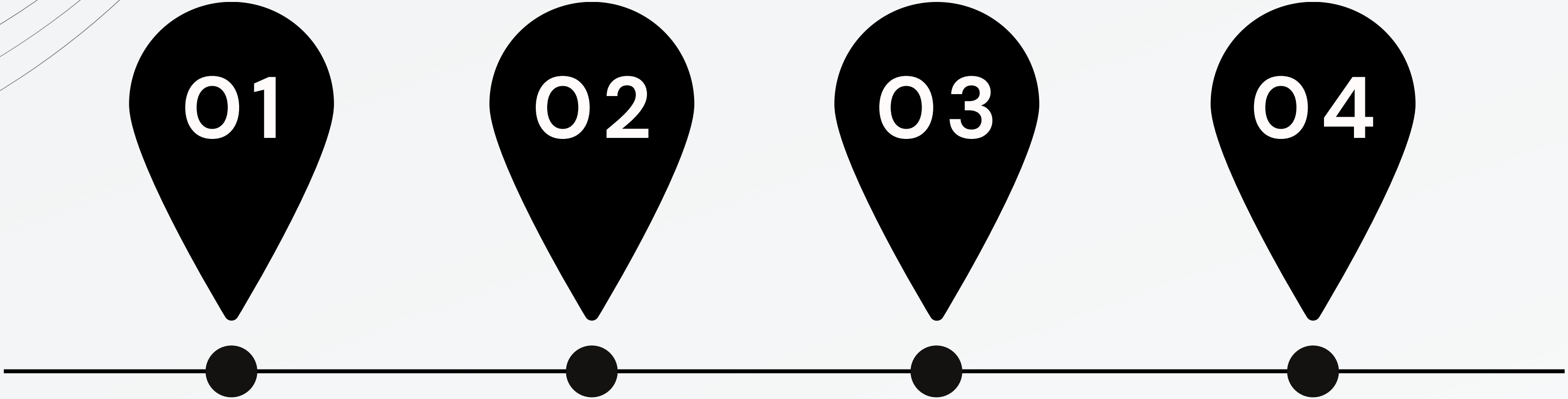
Threats





AI POLICY BY AI

Creating a Jefferson County AI policy with AI



01

ROUGH DRAFT

- ChatGPT 4 with
1. Jeffco Social Media Policy
 2. Executive Order
 3. Seattle AI Policy

02

**PERSONAL
HUMAN
REVIEW**

03

PEER REVIEW

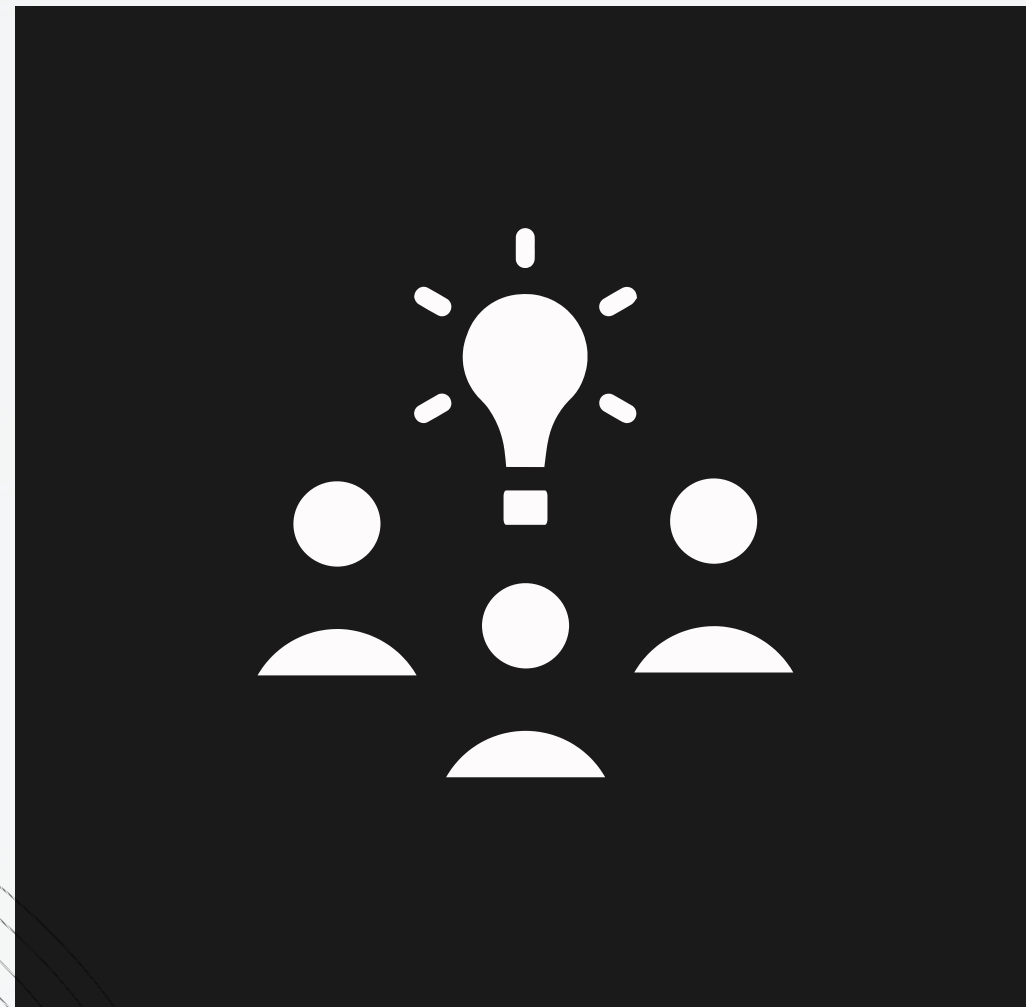
... and legal review

04

IMPLEMENTATION?

BoCC
AI Review Committee

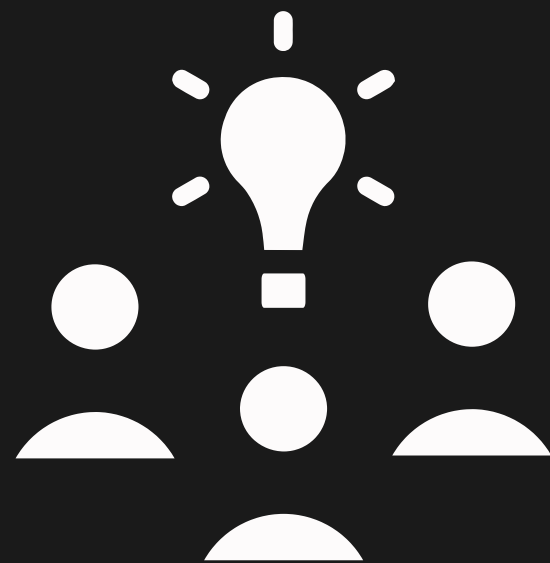
AI USE POLICY



CUSTOMERS

- JEFFERSON COUNTY ARTIFICIAL INTELLIGENCE DEVELOPMENT AND USAGE POLICY
- Resolution No.: [Number]
- Date: [Date of Adoption]
- In the matter of adopting a policy for the safe, secure, and trustworthy development and use of Artificial Intelligence (AI) in Jefferson County.
- WHEREAS, the advancement and integration of Artificial Intelligence technologies present significant opportunities and challenges for Jefferson County, impacting various sectors and community aspects; and
- WHEREAS, it is imperative to establish a policy that governs the development, deployment, and management of AI in a manner that upholds public trust, ensures safety and security, and aligns with ethical standards and legal requirements;
- NOW, THEREFORE, BE IT RESOLVED, that Jefferson County hereby adopts the following AI Development and Usage Policy:
- 1. PURPOSE
- The purpose of this policy is to establish guidelines for the ethical and responsible development, deployment, and use of AI technologies in Jefferson County, ensuring they are in alignment with the principles of transparency, fairness, accountability, and public trust.
- 2. APPLICABILITY
- This policy applies to all Jefferson County departments and agencies that develop, procure, or use AI technologies.
- 3. GUIDING PRINCIPLES
- Jefferson County's AI initiatives shall be guided by the following principles, in alignment with the federal executive order on AI:
- Public Trust and Participation: Ensuring AI development and usage in Jefferson County are transparent, promoting public participation and understanding.
- Risk Assessment and Management: Regular assessment and management of risks associated with AI deployment in public sectors.
- Fairness and Non-Discrimination: Guaranteeing AI systems do not perpetuate bias and are accessible to all, regardless of disability, race, gender, or economic status.
- Disclosure and Transparency: Clear communication about when and how AI is used in public services, including any limitations or potential biases of the AI systems.

AI USE POLICY



CUSTOMERS

- **Safety and Security:** Prioritizing the cybersecurity and physical safety of AI systems to protect against unauthorized access and harmful uses.
- **Interoperability and Open Standards:** Promoting systems that are compatible with various platforms and adhere to open standards to prevent and mitigate barriers to access.
- **Information Integrity and Quality:** Ensuring AI use and development is based on high-quality data, avoiding misinformation.
- **Accountability and Oversight:** Establishing clear lines of responsibility and oversight for AI systems within Jefferson County agencies.
- **4. IMPLEMENTATION**
- **a. AI Review Committee:** Establish an AI Review Committee responsible for oversight and guidance on AI initiatives within the county.
- **b. Training and Awareness:** Conduct regular training sessions for county employees involved in AI projects to ensure adherence to this policy.
- **c. Public Engagement:** Engage with the public through forums, surveys, and other channels to gather input and feedback on AI projects.
- **d. Regular Policy Review:** Review and update this AI policy periodically to reflect technological advancements and evolving community needs.
- **5. COMPLIANCE AND ENFORCEMENT**
- Departments must ensure compliance with this policy and are accountable for any AI systems deployed. Failure to comply may result in corrective action as deemed appropriate.
- **BE IT FURTHER RESOLVED,** that Jefferson County is committed to the ethical and responsible use of AI, ensuring that these technologies serve the public good and enhance the quality of life for all residents.
- **ADOPTED** this [Day] of [Month, Year].
- **JEFFERSON COUNTY BOARD OF COMMISSIONERS**

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COMERS

QUESTIONS?

