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AI governance mechanisms from *The Artificial Intelligence and Data Act (AIDA) Companion Document*[1]

[1] Published March 2023 by Innovation, Science and Economic Development Canada

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Frameworks already applying to the use of AI in Canada

- *Personal Information Protection and Electronic Documents Act*
- *Canada Consumer Product Safety Act*
- *Food and Drugs Act*
- *Motor Vehicle Safety Act*
- *Bank Act*
- *Canadian Human Rights Act* and provincial human rights laws
- *Criminal Code*

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Proposals in the AIDA

- Ensuring that **high-impact AI systems** meet safety expectations by **building on existing consumer protection and human rights law**

- Empowering the Minister of Innovation, Science, and Industry to administer and enforce the Act

- Establishing a **new AI and Data Commissioner** to serve as a centre of expertise

- Prohibiting reckless and malicious uses of AI that cause serious harm through the creation of **new criminal law provisions**

[1] Innovation, Science and Economic Development Canada (March 2023) The Artificial Intelligence and Data Act (AIDA) Companion Document

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Examples of high-impact AI systems

Screening systems impacting access to services or employment

Biometric systems used for identification and inference

Systems that can influence human behaviour at scale

Systems critical to health & safety

[1] Innovation, Science and Economic Development Canada (March 2023) The Artificial Intelligence and Data Act (AIDA) Companion Document

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Example measures across AI tool's lifecycle

System design: determine whether use of AI is appropriate in intended context; conduct risk assessment

Development: document datasets and models; build in mechanisms for human oversight

Making available for use: provide documentation to users regarding datasets used, limitations, and appropriate uses

Managing system operations: ensure adequate monitoring and human oversight

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How we can help

Communications: deliver accurate and meaningful narratives without recreating myths about AI

Technical advice: Identify and implement relevant standards and tools for your context

Public engagement: ensure impactful innovation through community management and public involvement

Governance: Foster responsible research and innovation with practices throughout organisational processes