RECOMMENDATIONS FOR CANADIAN ARTIFICIAL INTELLIGENCE GOVERNANCE

Preparing Canada to Lead a New Age of Intelligence

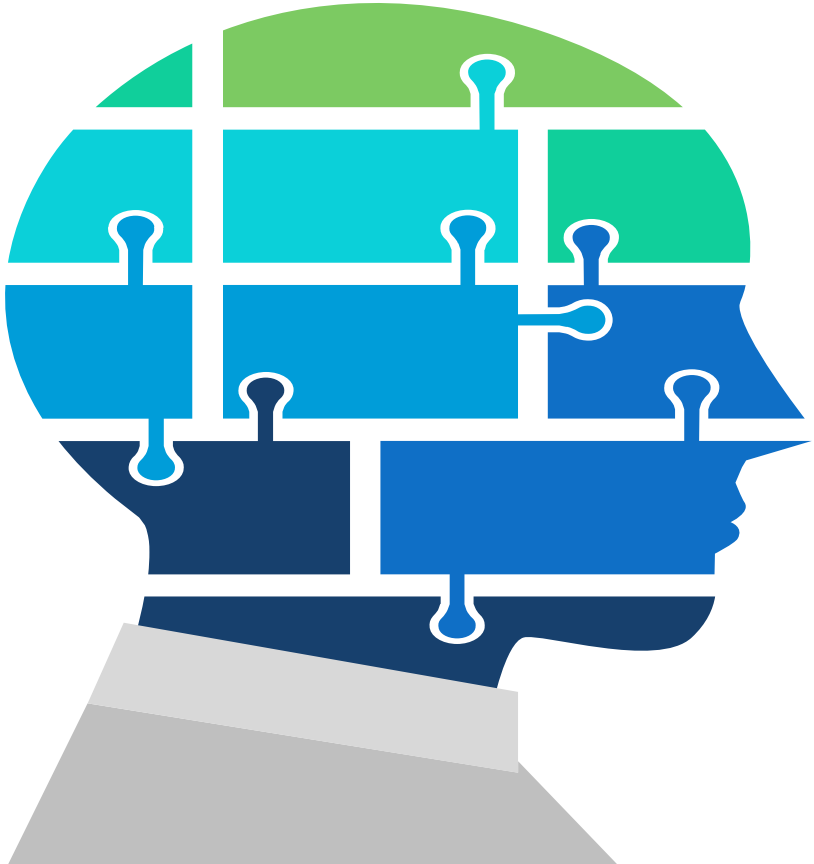
NORMAN PATERSON SCHOOL OF INTERNATIONAL AFFAIRS, CARLETON UNIVERSITY

CANADIAN AI INITIATIVES

- CANADIAN FEDERAL BUDGET
- TREASURY BOARD SECRETARIAT
- CANADA.AI
- GLOBAL AFFAIRS CANADA

GUIDING PRINCIPLES

- TRANSPARENCY
- ACCOUNTABILITY
- SECURITY-ROBUST AGAINST MANIPULATION
- HUMAN OVERSIGHT
- CONFORM TO CANADIAN LAW
- INTERNATIONAL COOPERATION
- CONTROLLABILITY
- EXPLAINABILITY



CONSIDERATIONS

- REGULATION VS. INNOVATION
- INVEST IN CANADIAN AI
- GENDER CONSIDERATIONS

POLICY RECOMMENDATIONS

RECOMMENDATION #1

Protect High-Risk Systems

AI Limited to an Advisory Capacity in Certain Areas

RECOMMENDATION #2

Legal Fault

Develop a Clear Method to Establish Legal Fault when AI Systems Cause Harm

RECOMMENDATION #3

Code of Ethics

Create a Code of Ethics for AI Developers

RECOMMENDATION #4

International Standards

For ethical AI development and application

Recommendation #5
Artificial Intelligence Interdepartmental Working Group

- ETHICS AND OVERSIGHT COMMITTEE
- REGISTRATION AND INCENTIVES
- RESEARCH AND DEVELOPMENT
- EDUCATION AND COMPLIANCE
- LEGAL AND SECURITY ADVISORY BOARD
- INTERNATIONAL STANDARDS AND COORDINATION

We must address, individually and collectively, moral and ethical issues raised by cutting edge research in artificial intelligence...

- Klaus Schwab, Founder of the World Economic Forum

THANK YOU

QUESTIONS?

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