



REAIM 2023

Prelims: REAIM 2023, Artificial Intelligence, Responsible AI.

Mains: REAIM 2023, Pros and Cons of using AI in military, Ethical Principles for AI

Why in News?

Recently, the world's First International Summit on the **Responsible Use of [Artificial intelligence](#) in the Military (REAIM 2023)** was held in the Hague, Netherlands.

What are the Key Highlights of the Summit?

- **Themes:**
 - Mythbusting AI: Breaking Down the Characteristics of AI
 - Responsible deployment and use of AI
 - Governance frameworks
- **Objectives:**
 - Putting the topic of '**responsible AI in the military domain**' higher on the political agenda;
 - Mobilising and activating a **wide group of stakeholders** to contribute to concrete next steps;
 - Fostering and **increasing knowledge by sharing experiences**, best practices and solutions.
- **Participants:**
 - The conference, **co-hosted by South Korea**, hosted 80 government delegations (including those from the **US and China**), and over 100s of researchers and defense contractors.
 - **India was not a participant in the summit.**
 - REAIM 2023 brought together governments, corporations, academia, startups, and civil societies to raise awareness, discuss issues, and possibly, agree on common principles in deploying and using AI in armed conflicts.
- **Call on Action:**
 - Appealed to the multi-stakeholder community to **build common standards to mitigate risks arising from the use of AI.**
 - The US called for the responsible use of artificial intelligence (AI) in the military domain and **proposed a declaration which would include 'human accountability'**.
 - The proposal said **AI-weapons systems should involve "appropriate levels of human judgment"**.
 - The US and China signed the declaration alongside more than 60 nations.
- **Opportunities and Concerns:**
 - Artificial intelligence is bringing about fundamental changes to our world, including in the military domain.
 - While the integration of **AI technologies creates unprecedented opportunities to boost human capabilities**, especially in terms of decision-making, it also raises

significant legal, security-related and ethical concerns in areas like transparency, reliability, predictability, accountability and bias.

- These concerns are **amplified in the high-risk military context.**

- **Explainability in AI as a Solution:**

- To remove bias from AI systems, **researchers have resorted to 'explainability'.**

- Explainable AI seeks to **address the lack of information around how decisions** are made.

- This in turn will help **remove biases and make the algorithm fairer.** But, in the end, the call to make a **final decision will rest with a human** in the loop.

How can a Responsible AI be Ensured Aligning with Ethical Principles?

- **Ethical Guidelines for AI Development and Deployment:**

- It can help **ensure that developers and organizations are working towards the same ethical standards** and that AI systems are designed with ethical considerations in mind.

- **Implement Accountability Mechanisms:**

- Developers and Organizations should be **held accountable for the impact of their AI systems.**

- It can include **establishing clear lines of responsibility and liability,** as well as creating reporting mechanisms for any incidents or issues that arise.

- **Foster Transparency:**

- AI systems should be **transparent in terms of how they make decisions** and what data they use to do so.

- It helps ensure that **AI systems are fair and not biased** towards certain groups or individuals.

- **Protect Privacy:**

- Organizations should **take steps to protect the privacy of individuals whose data is used by AI systems.**

- It can **include using anonymized data, obtaining consent from individuals,** and establishing clear data protection policies.

- **Involve Diverse Stakeholders:**

- It is important to involve a **diverse range of stakeholders in the development and deployment** of AI, including individuals from different backgrounds and perspectives.

- It will help ensure that AI systems are designed with the needs and concerns of different groups in mind.

- **Conduct Regular Ethical Audits:**

- Organizations should conduct regular audits of their AI systems to **ensure that they are aligned with ethical principles and values.** This can help **identify any issues or areas for improvement** and ensure that AI systems continue to operate in an ethical and responsible manner.

[Source: TH](#)