**What is Responsible AI?**

Responsible AI is the process that helps organizations to become more aware of their system bias, take corrective actions and enhance the improvement in making decisions for the organization.  
  
Responsible AI can also be defined as the practice "practice of designing, developing, and deploying AI with good intention to empower employees and businesses, and fairly impact customers and society"(Accenture, 2022).  
  
Responsible AI has these basic principles that help to improve decision-making. They are as follow:  
***Fairness, Transparency, Interpretability, Accountability & Privacy and security***  
And we need Responsible AI to ensure machine learning model is used within a system to automate something in fairness and correct any form of bias.

**Find instances where AI has failed? Or been used maliciously or incorrectly?**

Some notable failure of AI was when AI was made to battle or fight cancer in humans, but, in turn, came out disappointing. IBM spent $62 million to build an AI system for this but medical specialists and customers mentioned it was unsafe for humans, and it gave incorrect treatment recommendations. For instance "one case where Watson suggested that doctors give a cancer patient with severe bleeding a drug that could worsen the bleeding" (ImmuniWeb, 2022)  
  
AI is used maliciously to aid in creating nuclear weapons systems  
AI has also been known to increase unemployment as it is slowly replacing some repetitive tasks with robots.

**Implications of when AI Fails.**

The implication of AI failure means there would be algorithmic transparency, cyber-security vulnerabilities, unfairness, legal personhood issues, intellectual property issues, privacy and data issues, adverse effect on organization workers, discrimination, and many more

The GDPR imposes legal requirements on whoever uses the AI system for profiling and/or automated decision-making purposes, even if they acquired the system from a third party

**What should organizations do to ensure that they are being responsible with AI and the wider use of data in general?**

Organizations should ensure when using AI to make sure automated decisions follow the procedure by ensuring the right technical guardrails, ensuring quality assurance, follow the ethical principle. Also ensure human involvement, consent, performance contact, and authorized laws are being implemented.

**REFERENCES**

Accenture (2022).Responsible AI: Scale AI with confidence

Immuniweb (2022). Top 10 Failures of AI.

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