Artificial Intelligence Ethics

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Hisham Elkholy
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Mechanical Engineer by training
AI Product Manager - Stellantis
What is NOT Covered

**AI Consciousness/Sentience**
- Is ChatGPT conscious?
- Can silicon feel pain?

**Singularity**
- Is the technological singularity inevitable?
- How do I survive in a world where I don’t belong to the smartest species?

**Asimov’s Laws**
- Can ethics and morality be encoded into a machine?
- How do we determine which moral values to encode?
What is AI

Inputs
- Text
- Images
- Signals

AI
- Machine Learning
- NLP

Output
- Human-like interactions
- Predictions
AI Ethics Framework

**Fairness**
Is the AI model providing output that can be considered fair?

**Explainable**
Can somebody explain how the AI model provided its output?

**Robustness**
Is there certainty that the AI model was not manipulated to provide biased results?

**Transparency**
Does the end user know that decisions are being made by AI?

**Data Privacy**
Is personal data utilised secure?
AI in Hiring

Hiring Automation

- HR identified as a job that is likely to be replaced by AI
- Could be used to automate screening, recruiting, or interviewing

**Inputs**
- Past successful candidates

**AI**
- HR models

**Output**
- Potential candidates
AI in Policing

Predictive Policing

- Utilizing AI in law enforcement to identify areas of potentially high criminal activity
- Aimed at reducing crime

**Inputs**
- Past recorded and reported crimes

**AI**
- Predictive Policing models

**Output**
- Areas to patrol
AI in State Sanctioned Violence

**Autonomous Weapons**

- Russia utilizing autonomous drones in Ukraine
- Israel deploys automated guns in refugee camp in Palestinian territory

![Diagram](image)
**Conclusion**

**Takeaways**
- We are at a turning point in history
- Changes will not only be technological
- These concepts are not new

**Further Reading/Watching**
- Mo Gawdat (2021), *Scary Smart: The Future of Artificial Intelligence and How You Can Save Our World*
- Cathy O’Neil (2016), *Weapons of Math Destruction*
- Antony Loewenstein (2023), *The Palestine Laboratory: How Israel Exports the Technology of Occupation Around the World*
- Dannah Phirman (Writer), Danielle Schneider (Writer), (2019), *Paddy’s Has a Jumper* [Season 14, Episode 8] *It’s Always Sunny in Philadelphia*