



Ethics in AI

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Definition of Ethics in AI

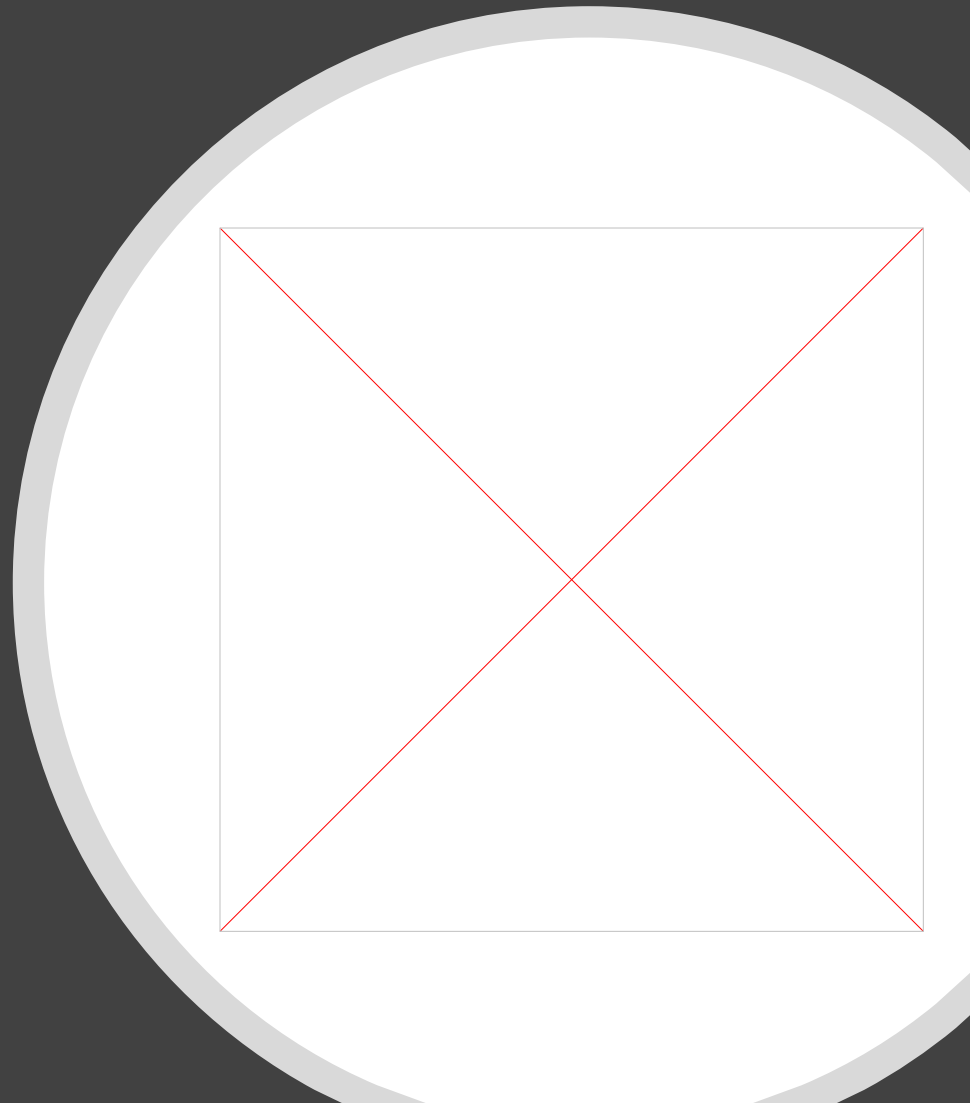
- The moral principles and guidelines that govern how AI systems are designed, developed, and used, ensuring they do not cause harm and treat all individuals fairly.

- Use AI responsibly, fairly, and safely while minimizing harm and maximizing benefit

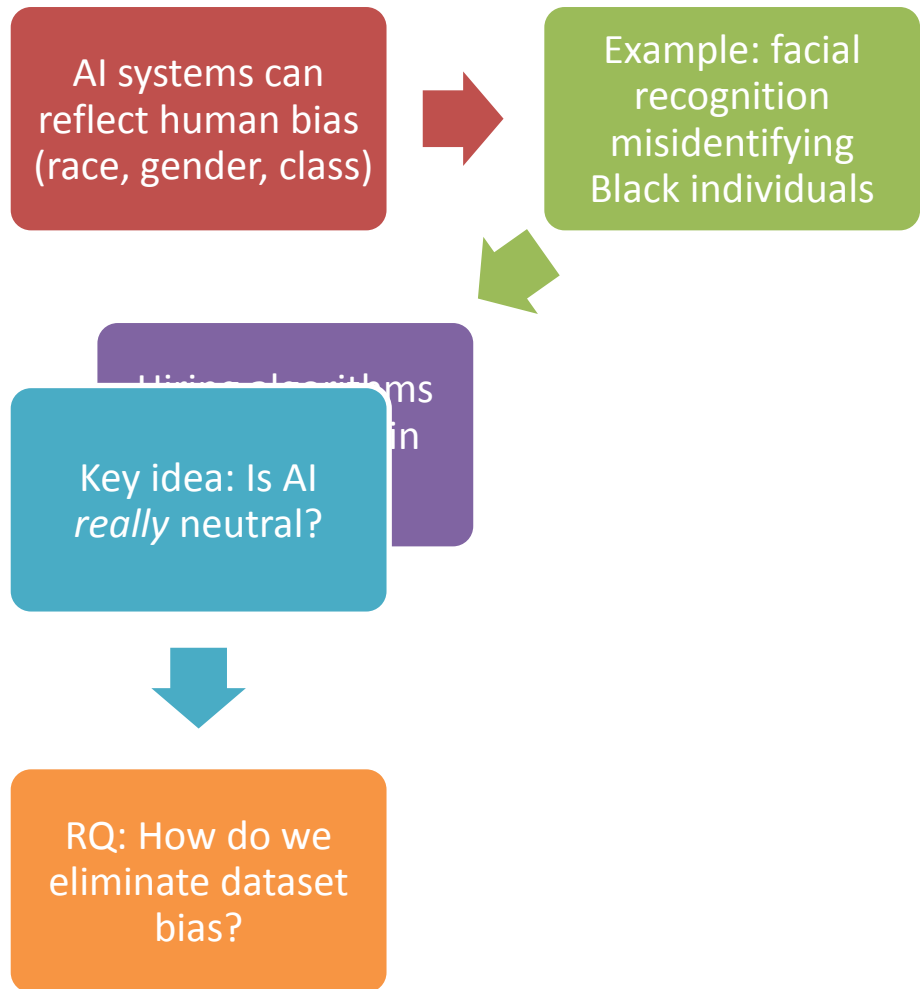
- Think of it like this:

- AI got power... but the question is

- Are we using that power the right way or not?*



Bias & Fairness



Privacy & Surveillance

Governments + companies tracking behavior

Example: Facial recognition in public spaces or Apps tracking user behavior

Question: How much privacy are we giving up for convenience?

RQ: What are ethical data limits?



Job Displacement

- AI replacing human jobs (cashiers, drivers, even coders)
 - Impact on low-income vs high-skill workers
 - Automation replacing jobs
 - Example: AI in warehouses
 - Future of work
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- Question: Does AI create more jobs than it destroys?
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- RQ: What new jobs will emerge?

Accountability & Responsibility

Who is responsible when AI makes a mistake?

- The developer?
- The company?
- The AI itself?

Example: self-driving car accidents

RQ: How do we assign liability?

Transparency & Explainability



SOME AI MODELS
ARE "BLACK BOXES"
(HARD TO
UNDERSTAND
DECISIONS)



IMPORTANT IN
HEALTHCARE, LAW,
FINANCE



EXAMPLE: LOAN
APPROVAL
ALGORITHMS



QUESTION: SHOULD
AI DECISIONS
ALWAYS BE
EXPLAINABLE?



RQ: CAN AI BE FULLY
EXPLAINABLE?

AI in Warfare

Autonomous weapons emerging
(AI-controlled drones, robots)

Example: AI drones

No human decision in life-or-death
situations

Question: Should machines be allowed to
kill?

RQ: Should AI weapons be banned?

Misinformation & Deepfakes

- AI generates fake content
- Example: Deepfakes

- AI-generated fake videos, voices, and news
- Used for scams, politics, manipulation

- Question: Can the information in the media be trusted at all times?

- RQ: How do we detect AI media?



Human-AI Relationships

- People forming emotional bonds with AI (chatbots, companions)
- AI replacing human interaction
- Example: AI companions
- 🙌 Question: Is that healthy or dangerous?
- RQ: Psychological impact?

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Regulation & Governance

- Should governments control AI development?
- Different countries have different rules
- Example: sEU AI Act - stricter rules in Europe vs more open innovation in the U.S.
- RQ: What regulations are effective?

AI & Social Inequality

- AI benefits may not be evenly distributed
 - Wealthy companies/countries gain more power
 - Example: Big tech dominance
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- Question: Is AI widening the gap between rich and poor?
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- RQ: How to ensure equal access?



