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TOOLBOX

Bias and Fairness in AI

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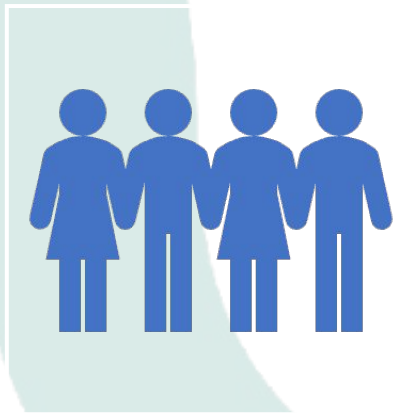
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Why is so important to address Bias and Fairness in AI ?



Rapid advances in AI and Digital technologies



Impact on society

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Some concerns and Worries about the Use of AI

Bias in Dialogue Models: There's a risk that AI, including language models like LLMs, might reinforce existing biases in people. For example, an AI might seemingly agree with strong, potentially controversial statements, inadvertently strengthening a pre-existing beliefs

Critical Thinking Skills: A significant concern is that reliance on AI could diminish critical thinking abilities. It's essential to encourage questioning and analysis of AI-generated content, rather than passive acceptance

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Some concerns and Worries about the Use of AI

Prompt Engineering Skills: Just as people learn to navigate search engines, evaluate sources, and conduct research, they must also learn how to effectively interact with AI. The art of "prompt engineering" can help elicit more accurate and useful responses from AI, emphasizing the importance of clear questions and high-quality input

Ethical and Social Considerations: Incorporating ethics and social aspects of AI into curricula, especially in engineering and technology programs, is crucial. Courses on the "Social Aspects of AI," play a vital role in responsible AI users and developers

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Some concerns and Worries about the Use of AI

Ensuring Responsible and Equitable AI Use: It's imperative to ensure AI tools are used responsibly and made accessible to everyone, including those in developing countries. This approach helps mitigate potential inequalities and ensures a broader positive impact of AI in education

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Understanding the future of AI

Next Steps

After this presentation, we recommend exploring "**Responsible AI & Bias with Examples**" to further your knowledge.

This will include:

- The importance of ethical AI development.
- Identifying and mitigating bias in AI systems.
- Real-world examples showcasing responsible and irresponsible AI use.

Why It Matters

Delving into Responsible AI ensures that AI systems are fair, inclusive, and beneficial to society.

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