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AI Ethics

The importance of having clear rules for using Artificial Intelligence (AI) and data in our schools is growing. Common technologies, such as ChatGPT and Dall-e, are revolutionizing our teaching and learning methods.

These tools have the ability to improve classrooms by offering engaging, personalised, and user-friendly ways to teach. However, they also raise important ethical questions.

Ethics should serve as a guide for teachers and students as they interact with AI technologies and the abundant data these technologies produce. The goal is to ensure everyone understands the potential issues and transformations that could occur from using AI-generated data in education. Adhering to ethical principles encourages us to handle these tools prudently and responsibly.

The rules focus on important areas, such as keeping data private and secure, making sure everyone can access AI technologies fairly, understanding how AI can change students' learning results, and communicating these changes to everyone in the school.

By following these rules, we can use AI and data in our schools in an open, responsible, and fair way. This will help us use these technologies to make education better while sticking to the highest ethical standards.

AI has huge potential to improve education for students, teachers, and school managers. It can help teachers identify what each student needs to learn and give students personalised learning experiences. AI can also help schools make better decisions, making teaching resources more effective.

As we keep using more data and systems keep evolving, it's important to understand how this affects us, especially in education. Teachers and school leaders need to understand what we call Critical AI Literacy. This knowledge lets them use technology positively, critically, and ethically, getting the most out of it.

Critical AI Literacy means being able to judge and understand the implications, biases, and ethical issues surrounding AI technologies. It involves understanding how AI works, its limitations, and how it can impact people and society.

Critical AI Literacy is more than just understanding the technical stuff about AI. It involves questioning the algorithms, data, and decisions behind AI systems. It also includes recognising and challenging any biases and ethical issues that might come up when using AI.

With Critical AI Literacy, people can judge if AI systems are fair, transparent, and accountable. They can question the ethical implications of using AI in various fields, like education, healthcare, and criminal justice. Critical AI Literacy lets people make informed decisions about using AI technologies and speak up for responsible and ethical practices.

Developing Critical AI Literacy is essential to deal with the complexity of AI in our increasingly digital and automated world. It gives people the power to shape AI systems and make sure they align with human values, fairness, and social justice.

Here are our top critical AI literacy tips:

Familiarise yourself with the fundamental concepts of artificial intelligence, such as machine learning, neural networks, and algorithms.Stay informed about the potential impact of AI on the job market. Consider upskilling or reskilling to adapt to the changing landscape and take advantage of emerging opportunities.Keep up with the latest advancements and trends in AI by reading reputable sources, following experts, and participating in relevant online communities.

Recognise Bias be aware that AI systems can reflect and amplify biases present in the data they are trained on. Critically evaluate the fairness and potential biases in AI applications. Explore techniques and practices to mitigate bias in AI systems. Understand how bias can be unintentionally introduced and work towards fairness and inclusivity. Examine the implications of automating certain tasks or decisions with AI. Consider the ethical, social, and economic consequences before embracing automation fully.

Fact-check information generated or shared by AI algorithms to ensure accuracy. Rely on multiple sources and cross-reference information to avoid misinformation. AI systems have limitations and can make errors. Learn about the strengths and weaknesses of AI technology to avoid over reliance or misplaced trust.

Reflect on the ethical implications of AI systems. Consider issues like privacy, transparency, accountability, and the potential impact on human lives.

Understand how AI systems handle personal data and ensure your own privacy. Be cautious when sharing personal information and review privacy policies.

Advocate for transparency in AI systems. Promote the disclosure of data sources, algorithms, and decision-making processes to understand how AI is being used.

Encourage the development of AI systems that can provide clear explanations for their decisions, especially in critical domains like healthcare and finance. Approach AI-generated content with a critical mindset. Verify the source and question the authenticity of AI-generated text, images, or videos. Enhance your general digital literacy skills to navigate and understand AI-driven technologies effectively. Stay informed about new digital tools and their implications.

Encourage the integration of AI as a tool to augment human capabilities rather than replace them. Emphasize the importance of human judgment and decision-making.

Remember, AI literacy is an ongoing journey. Continuously seek opportunities to learn, adapt, and critically engage with AI to shape its responsible and ethical development and use.