

# Use of AI in Education and the Surveying Profession

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## SUMMARY

This presentation will discuss how the use of AI, such as ChatGPT, can be used within the surveying profession to automate repetitive tasks, improve efficiency and accuracy, and generate natural language responses. It also highlights the benefits that AI can bring to the surveying industry, such as increasing productivity and improving communication. Additionally, discussing how AI can be integrated with cutting-edge surveying technology to improve data processing, analysis and accuracy. Furthermore, highlighting the potential impact of AI on education and the knowledge of students, the importance of developing critical thinking and problem-solving skills. Finally, how to incorporate AI and programs like ChatGPT into the surveying education field, including curriculum development, hands-on experience, industry collaboration, research opportunities, and continuing education opportunities. The responsibility of ethics of AI in the Surveying profession will be touched on, including the importance of data accuracy and privacy, addressing potential job displacement, promoting transparency and explainability, and considering the role of AI in decision making and responsibility. Outcomes of learning from these points will be a better understanding of how AI can be used in the surveying profession and education, the benefits it brings, the impact it has and the ethics that should be considered when using it.

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