

Artificial Intelligence (AI) is increasingly transforming Management Information Systems (MIS) by introducing advanced capabilities that enhance organizational efficiency and decision-making.

- o Natural Language Processing (NLP): AI's NLP capabilities facilitate improved human-computer interactions, enhancing user experience and accessibility within MIS.
- o Implementation Complexity: Adopting AI technologies requires significant organizational change, including staff training and system integration, which can be resource-intensive.
- o Integration with Emerging Technologies: Combining AI with technologies like digital twins and Internet of Things (IoT) is expected to create more dynamic and responsive MIS environments.
- o Ethical Considerations: Ensuring ethical AI deployment involves addressing biases, transparency, and accountability in AI-driven decisions.