
Title: Trends in Artificial Intelligence and Machine Learning in Healthcare



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PROPOSAL

Artificial Intelligence (AI) and Machine Learning technologies (ML) are powerful technologies that could revolutionize the healthcare industry. These technologies offer significant advantages in patient management, treatment, diagnosis, and personalized medicine.

This Special Issue invites papers on the ongoing progress and related developments in AI and ML-based healthcare.

Possible topics include but are not limited to:

- ML and NLP-based understanding of clinical documentation.
 - Patient Record Analysis.
 - Appointment Optimization
 - AI-enabled patient monitoring systems.
 - AI-based interventions for chronic disease management.
 - AI tools to improve clinical decision making and diagnostic accuracy.
 - Machine learning algorithms for personalized diagnosis.
 - AI / ML applications in medical imaging.
 - Intelligent virtual assistants for instant medical triage.
 - Education and training programs on AI technologies.
 - AI-enabled innovations in telehealth and remote patient monitoring.
 - Drug Development
 - Impact of AI on workflows and job satisfaction.
 - Ethical, legal and social implications of using AI systems in healthcare.
 - Legal and regulatory frameworks for AI applications in medicine.
 - Data privacy issues in AI use.
 - The role of AI in improving patient safety and reducing medical errors.
 - The future of AI in healthcare
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