

A Literature Survey on AI Health Care System

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Abstract: *The integration of Artificial Intelligence (AI) in healthcare systems has witnessed remarkable progress in recent years, revolutionizing the landscape of patient care, diagnostics, and medical research. This paper provides a comprehensive survey of the diverse applications, challenges, and benefits of AI in healthcare. We explore the role of machine learning algorithms and natural language processing in enhancing diagnosis and treatment planning. The utilization of AI for predictive analytics, personalized medicine, and patient management is discussed, showcasing its potential to improve healthcare outcomes and reduce costs. Additionally, we address ethical considerations, data privacy concerns, and regulatory frameworks that accompany the implementation of AI in healthcare. Through an extensive literature review, this paper aims to offer insights into the current state of AI in healthcare, highlighting key trends and future directions for research and development in this rapidly evolving field.*

Keywords: Healthcare, Artificial intelligence, Technology, Data

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