

# A Survey on Health Care using AI

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**Abstract:** *This survey delves into the transformative role of Artificial Intelligence (AI) in healthcare, examining its multifaceted impacts on patient care, operational efficiency, and medical research. Through a comprehensive analysis of existing literature and empirical data, the abstract elucidates AI's potential to revolutionize diagnostics, treatment planning, and disease management. Additionally, it explores the ethical and regulatory challenges surrounding AI integration in healthcare systems, highlighting the imperative for responsible implementation to ensure equitable access and patient privacy. Overall, this survey offers valuable insights into the evolving landscape of AI-driven healthcare and underscores the necessity for ongoing research and collaboration to maximize its benefits while mitigating potential risks*

**Keywords:** Artificial Intelligence, Healthcare, Diagnostics, Ethics, Implementation