

AI in Healthcare

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Abstract: *Artificial Intelligence (AI) seeks to emulate cognitive processes in humans. Thanks to the expanding availability of healthcare data and the quick advancement of analytics tools, it is revolutionizing the healthcare industry. We examine the state of AI applications in healthcare now and talk about their prospects. AI is applicable to both organized and unstructured healthcare data. Popular artificial intelligence (AI) approaches include natural language processing for unstructured data and machine learning techniques for structured data, such as neural networks and contemporary deep learning. Among the major disease areas that use AI techniques are neurology, cardiology, and cancer. Through rapidly evolving innovation, AI-powered wearables are emerging not merely as gadgets but as integral partners in patients' journeys toward better health. These gadgets are at the forefront of a revolution in healthcare, helping to manage chronic illnesses and optimize exercise regimens. But these AI powered gadgets also have some ethical challenges which needs to be taken care of.*

Keywords: AI- health - Deep Learning – Machine Learning – Natural Language Processing.