

A Review on Current Applications of Artificial Intelligence in Medical Field

Karnam Vanishya Krishna¹ and K. Uma²

Student, Datta Meghe Institute of Higher Education & Research, Nagpur, Maharashtra, India¹

Associate Professor, Bhilai Institute of Technology, Durg, India²

varnam67.krish@gmail.com and k.uma@bitdurg.ac.in

Abstract: Artificial Intelligence is a powerful and revolutionary discipline of computer science that has the potential to radically transform medical practise and healthcare delivery. Artificial intelligence (AI) is the intelligence displayed by machines that can aid in the performance of various tasks via sentiment analysis and natural language processing (NLP). Using past data and information, this technology allows machines to learn on their own. When it comes to equipping computers, AI is a subset of machine learning and deep learning, each of which has its own set of tasks. In medical research, artificially intelligent computer systems are commonly used. Patient diagnosis, end-to-end drug discovery and development, enhancing physician-patient communication, transcribing medical documents such as prescriptions, and remotely treating patients are all common applications. We outline current developments in the application of AI in healthcare in this review paper, applications of AI in different medical specialization, and assess the probable future direction of AI-augmented healthcare systems.

Keywords: Artificial Intelligence, Medical, Healthcare, machine learning, deep learning, Natural Language processing (NLP)

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