

## Artificial Intelligence in Healthcare

AI is going to dominate all the sectors by next decade. As our prime minister have said, “Data is the new oil”, data has gained major importance in every aspect of life. Be it auto industry coming with self-driving cars, robots getting citizenship of the country like Saudi Arabia, Alexa doing most of the digital work at our home, we cannot deny the ever-increasing demand of AI in our day to day lives. AI is replacing most of the job’s humans used to do with great accuracy. AI in healthcare means accessing and analysing the data generated in the hospitals for predictions. The medical data can provide an insight into treatment methods and outcomes, survival rates, interconnected health conditions.

These huge datasets give machine learning algorithms an enormous power to detect, analyse and even predict different health outcomes. Machine Learning algorithms are statistical techniques which helps machine “learn” with incoming data and recognize different trends or patterns with minimal human interference.

AI helps doctors to make informed decisions with the available predictions for assessment of risks, correct diagnosis and best suitable treatment. Every individual has hundreds of health data points. So to give better results, proper analysis of these data points should be done collectively.

Healthcare is one such field where accuracy is of utmost importance. When it comes to saving a life, automation helps drastically. Applications of AI in healthcare are enormous as lots of monitoring data is being generated every second all over the world. This data will be helpful in detection and analysis of various diseases. AI and robotics has become an important part of healthcare ecosystem and it is here to increase its footprints in this field.



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