

10 Common Applications of Artificial Intelligence in Healthcare





1. Performing routine tasks

As the industry strides ahead, the volume of data continues to increase at a staggering pace. While carrying out CT scans, X-rays, analyzing tests and carrying out other tasks like data entry, AI can make the process simplified.





2. Managing data and medical records

In the healthcare industry, compiling and evaluating information like past history and medical records generally constitute the first step. Integrating digital automation and artificial intelligence can simplify data management to a great extent.



3. Treatment design

AI systems have been developed and deployed to analyze information, so that the medical practitioners can select the accurate, individually customized path of treatment. The information required for processing may include the patient's medical files.



4. Digital consultation

In the UK, apps like Babylon use AI to provide medical consultation to patients, based on common knowledge in medicine and personal medical history.



5. Medication management

Artificial intelligence is integrated into the webcam of a smartphone, confirming that the patients take the prescribed medicines at the right time.



6. Virtual nurses

A digital nurse, Molly, has been developed by the start-up called Sense.ly, that can monitor the conditions of patients and provide treatments as follow-ups, between the doctor's visits.



7. Precision medicine

Genomics and genetics seek mutations and connections to disease from DNA information. AI has made it possible to spot vascular diseases and cancer early, so that the doctors can take timely action.



8. Monitoring health

Presently, a large number of health trackers like Apple, FitBit and Garmin are used to monitor the activity levels and heart rate of the users. These are AI-integrated smart devices, that sends alerts to carry out the necessary activities and share them with the physicians.





9. Creating drugs

During the recent outbreak of Ebola virus, an AI-powered program was used for scanning the existing medicines, so that the researchers could redesign them to combat the disease.





10. Analyzing the healthcare system

Across the world, efforts are being made to simplify the analysis of healthcare system using artificial intelligence. Presently, 97% of the invoices generated in the healthcare industry in the Netherlands are digital.



Want to build customized healthcare apps, powered by AI?



www.techtic.com



NYC: +1 (201)–793–8324

Atlanta: +1 (770)–313–1945



info@techtic.com

