



# Five reasons to integrate AI into your Healthcare Business Now

Artificial Intelligence has now set the foundation for future growth in almost all industries, and healthcare is no different. Through Computer Vision and Machine Learning, algorithms are being trained to execute to perfection - annotation of images, videos, text, and data. But the delicacy of this field and its direct influence on human life, demands faultless performance. While there is constant research undergoing with these technologies, the best way to adapt to AI is to ease into practical usage which is done by taking small steps before establishing it in a large manner. Additionally, training algorithms with continuous data is what helps attain accurate automation, and hence, starting early is always

advantageous. Read along to find five reasons why you should consider integrating Artificial Intelligence into your healthcare business now!

## End To Endless Documentation

An alarming fact is that **86%** of the mistakes made in the healthcare industry are administrative. If that isn't unnerving, another study by **techceocouncil** stated that three out of every ten tests are reordered because the results cannot be found and patient charts are missing 30% of the time. The stress on proper maintenance of electronic health records could not have a higher priority. AI has the capability to handle unprecedented amounts of data in real-time while eradicating the possibility of human errors and also reducing the manpower needed to maintain these resources.



# Medical Image Annotation

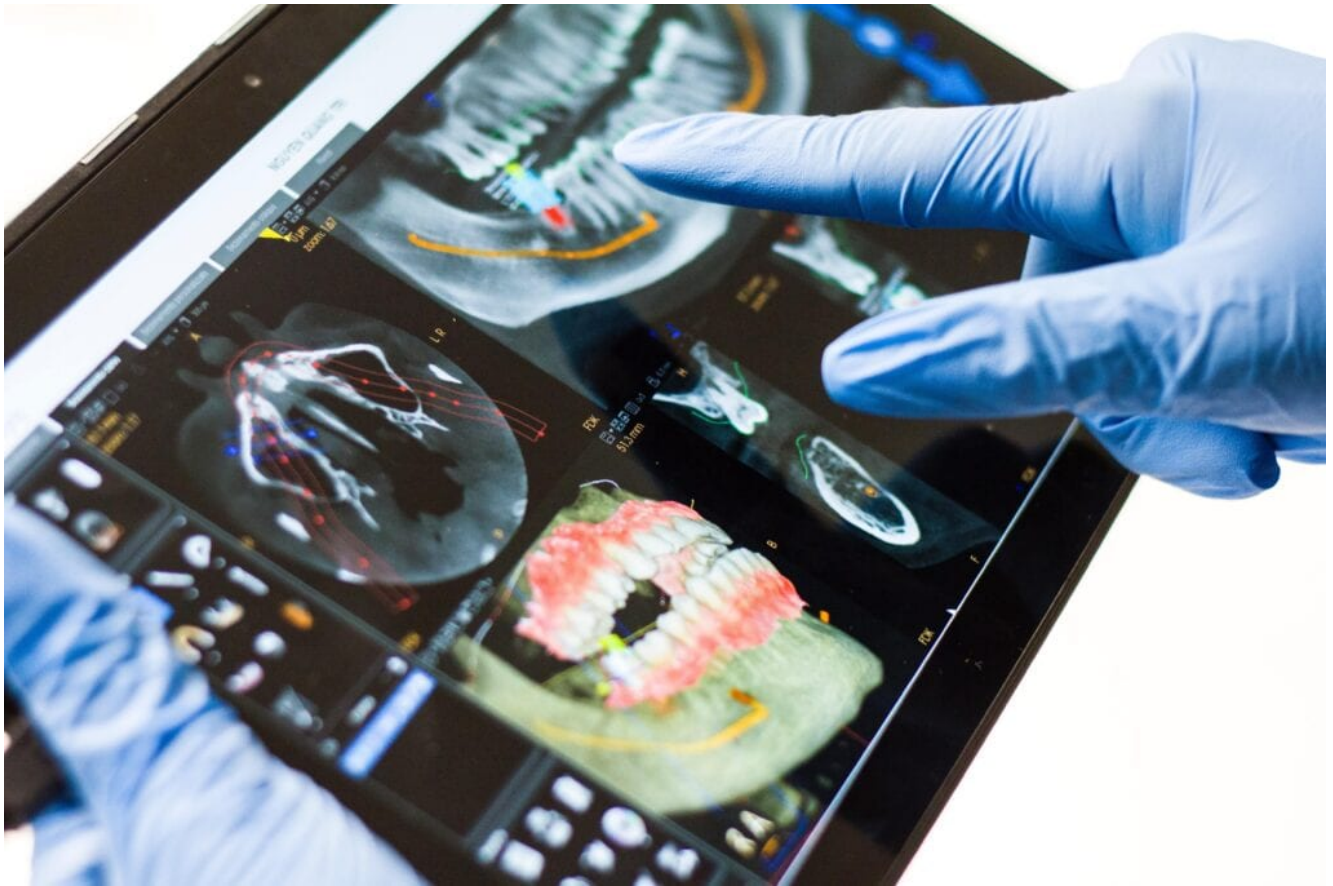
Enabling algorithms to read scans through data annotation is one of the most commonly seen applications of Artificial Intelligence. CT Scans, Ultrasound, MRIs, and other scans are labeled by annotators for machine learning training. It helps in the early detection of anomalies in scans, speeding up the process to recovery, and allowing more time for patient care.

## AI-Assisted Diagnosis

The COVID-19 pandemic has given rise to remote operation of businesses and a world of opportunities in this arena of the healthcare sector. Providing remote access to 24/7 service on mobile phones with questions from patients establishes a groundwork of treatment. **Intelligent Virtual Assistant and Medical Virtual Assistant** collect details of patients such as patient history, insurance details, demographic information, and this helps increase patient engagement.

## Intelligent Medical Machinery

Robot-assisted surgeries were invented two decades ago and since then have been helping surgeons perform complex procedures with precision and accuracy. While smart devices are all around us in daily life, the impact of the same in healthcare is tremendous. An asthma monitoring machine, an AI-powered insulin pump, and an AI drill for ortho are some existing **examples**. It would be easier to start with smaller equipment and training the staff to be able to work on those before moving to high stake machinery.



## Save Time and Cut Costs in the Long Run

Both for the patient and the doctor, the adoption of AI in healthcare would eventually lead to affordability and efficiency after an initial investment. Predictive medical care, providing custom drug treatment, the discovery of drugs, automation of humdrum documentation, and access to remote delivery of medical assistance would create well-oiled healthcare providing organizations.

## Conclusion

The healthcare sector is being revolutionized by Artificial Intelligence, and only the ones who hop on the train will be able to reach the destination. In some form or another, AI is already a part of your business but what more can you do to ensure a stronger influence? If you'd like to know more, talk to us.