

HOW CURRENT TECHNOLOGIES ARE BENEFITING HEALTHCARE

MACHINE LEARNING

The algorithms and statistical models assist doctors by processing and analyzing large data sets such as:



patient medical history



costs



possible treatment outcomes

MACHINE LEARNING IN ACTION

CLABSI is one of the deadliest and most costly hospital acquired infections.

 1 in 4 patients with CLABSI die

Machine Learning was used to develop an accurate CLABSI risk prediction model.

 87%

The tool has reduced CLABSI by **20%**

accuracy rate

ARTIFICIAL INTELLIGENCE

Current and future applications of AI include:



brain-computer interfaces



improved diagnostic capabilities



smart devices for patient monitoring



automated routine processes



ID of infection and antibiotic resistance

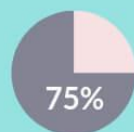
ARTIFICIAL INTELLIGENCE IN ACTION

 1.2 Seconds

The amount of time it takes AI to screen CT scans is

150x faster than physicians.

TECHNOLOGY TODAY



From wearables and health apps to virtual healthcare services...
of U.S. consumers reported that technology is important for health management.

Sources:

<https://www.healthcatalyst.com/clinical-applications-of-machine-learning-in-healthcare>
<https://seventablets.com/blog/machine-learning-in-healthcare-how-is-this-technology-transforming-patient-care/#more-11938>
<https://www.healthcatalyst.com/catalyst-ai/>
<https://healthitanalytics.com/news/top-12-ways-artificial-intelligence-will-impact-healthcare>
<https://seventablets.com/blog/artificial-intelligence-applications-in-healthcare/#more-14187>
<https://medbulletin.com/1-2-seconds-is-all-artificial-intelligence-takes-to-screen-ct-scans/>
<https://www.accenture.com/us-en/insight-new-2018-consumer-survey-digital-health>

MORE AT WWW.SEVENTABLETS.COM/BLOG/