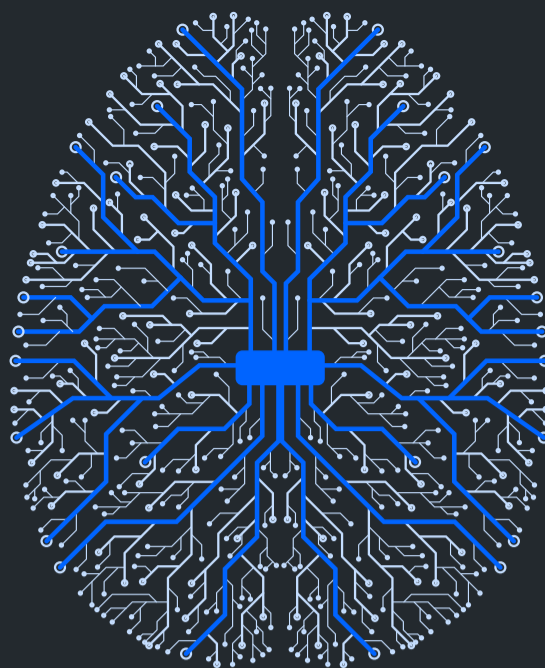


Putting AI in service for healthcare

Few areas are as immediately obvious for the potential of using AI. Indeed, **the market for artificial intelligence (AI) in healthcare** is expected to grow¹ by up to **USD 8 billion** between 2016 and 2022, at a CAGR of **52.68%**.



Whether you want to **improve diagnostic performance, engage more effectively** with your patients, **optimise their care** or simply **apply AI** to your organisational performance, there are many ways to apply AI to the healthcare industry.

Using **extraordinary image processing and recognition capabilities**, for example, may mean that you can reach a more accurate and faster diagnosis in such areas as:

- **Radiology**—evaluating MRI, CT scans or X-Rays.
- **Cancer detection:**



- AI can accelerate the work of histologists by using Deep Learning (CNNs) to classify the type of **breast tumour** in less than a second with a high confidence level².



- **Cervical cancer.**



- **Skin cancer**—not all moles are the same. AI can catch the dangerous ones with a precision better than experts in the field³.



- **Lung cancer**—early detection and ruling out benign tumors.

AI can also be used for **drug discovery, social health programs** and **personal care plans**.

If you are interested in Machine Learning (ML) and Deep Learning (DL), enter your details by clicking on the “Contact an IBM advisor” button below and an expert will get in touch to discuss your requirements.

Contact an IBM advisor



¹marketsandmarkets.com/Market-Reports/artificial-intelligence-healthcare-market-54679303.html

²developer.ibm.com/linuxonpower/2018/05/11/breast-cancer-classification-ibm-powerai-vision

³ieeexplore.ieee.org/document/8030303