



Martin Anderson
PNP CC, BscEc, DipHe Nursing, AutNurPra , ANP, NP, NMP, ENP, TICS
Microsoft Partner
Microsoft Azure Developer Benefit Program
IBM Business Blockchain Badge Holder
020 8396 4356 07440787899 ONC
IBM Cloud X2 Badge Holder
IBM Data Science PractitionerP
Pulse Medic, London South Bank University, The Technopark, SE1 6LN

Intelligence refers to the ability of an individual to learn or understand something, or to deal with a new situation. When a machine or software exhibits such characteristics, it is referred to as artificial intelligence (AI). Artificial Intelligence is therefore defined as the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages. An example is the OK GOOGLE, which is capable of searching through the web by receiving a voice command. The Electronic Health Records (EHR) is the most commonly used AI in the health care industry. Facebook is also developing the Facebook AI program, which will be capable of understanding the meaning of what people share, and share the information with the relevant fields including the healthcare(Newsroom.fb.com, 2015). This is a huge milestone towards the building of a true picture of health across the world.

Intelligent systems are better at understanding and tracking the changes that the human eye cannot detect. These machines are connected to vast amount of data, which they analyze in real time to generate a solution for a current problem. This process is referred to as data mining. Under ordinary circumstances, human can only collect and analyze a handful of data. As the result, there is a lot of inconsistency in the results obtained by different scientists. According to Oracle.com (2016), "While CIOs are aware that effective information management results in faster decision-making, according to the Ventana study, only 43% of organizations have undertaken information management initiatives in data governance, data integration, data quality, master data management and data virtualization during the last two years, and less than one fifth have completed those projects. The largest obstacles to completing information

management projects are insufficient staffing (68%), inadequate budget (63%) and insufficient training and skills (59%).” This is a clear indication that the use of AI in data management is key to obtaining the best medical solutions.

The adoption of intelligent machines is also key to improving efficiency which leads to cost saving. A national survey of doctors found out that, 79% of healthcare facilities reported significant improvement in efficiency after the adoption of intelligent systems(Healthit.gov, 2016). Such system not only benefit the patients by reducing the cost of conducting medical research, but also enables health care facilities to monitor and provide quality health care services to the patients while in the facility, and also when they are discharged from the hospital. Reference.md (2016), defines patient care as “The services rendered by members of the health profession and non-professionals under their supervision for the benefit of the patient.” For effective patient care, the practitioners require clinical knowledge and a clear understanding of issues that enable physical therapy practice and affect the delivery of care. However, this requirement of effective patient care is difficult to achieve without the assistance of intelligent machines which can dig into large amount of data to generate a solution.

The biggest challenge to the endorsement of AI systems in healthcare remains the fear that these systems would help resolve most of the current medical problems, while creating even more complex in the future. However, this is unlikely, since artificial intelligent systems, just like human, are capable of adapting to the changes in the environment. It is therefore important to use Facebook AI program as well as other artificial intelligent systems to build a true picture of health across the world, since they have proved to be very efficient and reliable.

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