

Emerging Technologies In Healthcare

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1 Introduction

Emerging technology is emerging or involving of a new technology and also a continuous developing of a thing which are already exist in era. In these section we will discuss about some emerging technologies and how it helps in health-care. As we know necessity of anything is reason of invention. Since involving of emerging technologies in healthcare is a because of necessity. Emerging technologies plays a very important role in present as well as in future healthcare.

1.1 Artificial Intelligence-

Any machine that shows intelligence is artificial intelligence. AI make hospital to more efficient and improve access to healthcare by providing accurate decision making tools . AI is process of educating a computing model using complex and large datasets, the models learns from this data in a training process to build the ability to make decisions or predict outcome. AI models helping our doctor learn f[rom patient with similar condition or even similar genetic information and make highly informed decision about their diagnosis and their treatment options. AI provide much more ability to understanding of human health then we haved ever had before.

1.2 Blockchain-

A Blockchain is a chain of block which contains information. This technique was originally described to create a digital cryptocurrency bitcoin. A Blockchain is distributed ledger that is completed open to anyone with an interesting property then one data is recorded inside a Blockchain is become permanent and can't be altered the immutability property of Blockchain align very strongly with requirement to stored the healthcare record. One most applications of Blockchain in healthcare is decentralisation which makes feasible to implement healthcare application. Data in the Blockchain is replicated between all the nodes in network. It make easy to patient to understand how their data is handled. It provide security of record patient healthcare . Blockchain technology has potential to address interprobability challenges by being utilised as common technical standards to securely distimulate electronic healthcare.

1.3 Augmented Reality-

Augmented reality combining with AI and computing it prevent ,manage and cure billion of people. Start or incites has analyzed the geographic distribution of global activity in healthcare. It is powerfool tool are being developed with potential to real-life discuss detection, diagnosis and treatment detecting cancer through image recognition can help doctor inpatients diagnosis with real time screening analysis. Using the device based on AR surgeons able to visualize bone, muscle and internal organ without having to cut, open a body

1.4 Robotics-

In healthcare robotics is just a type of alrounder. It helps in healthcare in several ways. Some of these are—— - It makes patient stressfeel by its funny activity . - It support staff in patients health monitoring. - It helps at reception in COVID vaccination centre. - Inform about safter regulation. - It helps people to keep patient close to thir familiar through telepresence

2 Conclusion-

In these section we had studied about some emerging technologies which plays role in healthcare. We had to give more effort on emerging technology for providing feasible, accessible, and affordable healthcare. We need to be really brave now when imaging the future and have to work hard to fulfil these goals. We need to make sure that the future of healthcare is based on human touch and on the partnership of the patients and their care givers and is based on technology that can be given us the absolute best success rate the best treatment and skills the best care when it comes to people.

Healthcare Innovation Framework with Emerging Technologies

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