

ASSIGNMENT

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*Two page write-up on Emerging Technologies in
Healthcare*

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Emerging Technologies in Healthcare

why emerging technology in healthcare is important for us

The healthcare industry is one that is constantly evolving and changing, thanks to the ever-growing use of emerging technology. This technology can help make the process of getting treatment for patients more efficient and effective.

1. Artificial Intelligence (AI) is a subset of machine learning, which uses algorithms to learn without being explicitly programmed. AI can be used in healthcare to improve diagnosis and treatment options for patients, as well as to optimize care across hospitals and clinics.
2. Blockchain technology is a distributed database that allows for secure, tamper-proof transactions. It is being used to track medical data and interactions between patients and healthcare providers, as well as to create a tamper-proof system for health information sharing.
3. Machine learning uses algorithms to improve the performance of systems by “learning” on their own. This is particularly useful in healthcare, where large volumes of data are often required to train the algorithms properly. Machine learning can be used to identify patterns in patient data, and to predict future outcomes.
4. Virtual reality (VR) and augmented reality (AR) are technologies that allow users to experience a virtual world or “augmented” version of the real world. They can be used to provide patients with realistic visualizations of their health conditions, as well as to provide clinicians with training simulations for treating patients.
5. Robots in healthcare are machines that are used to help people with medical conditions. They can help doctors and nurses by doing tasks like measuring blood pressure, scanning MRIs, or stitching up wounds. There are many different types of robots in healthcare, including surgical robots, diagnostic robots, and nursing assistants. Surgical robots are used to perform surgery on people. Diagnostic robots are used to diagnosis

diseases or injuries. Nursing assistants are machines that help nurses with tasks like caring for patients or delivering medications.

There are many benefits to using robots in healthcare. They can help doctors and nurses save time and money. They can also improve the quality of care for patients. However, there are some concerns about how robots will impact the workforce in the future. It is still unclear how robots will affect jobs in healthcare, but it is important to consider these issues as we move forward with their use.

Overall, robots are a promising technology in healthcare. They can help doctors and nurses perform tasks more quickly and accurately. They can also improve the quality of care for patients. However, there are still some questions about how robots will impact the workforce in healthcare in the future. It is important to continue exploring these issues and figure out ways to make sure that everyone has a safe and productive future in this field.