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Review on Advantages of Blockchain Technology in Healthcare

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Abstract: *Blockchain is a trustworthy solution for population health data management as well. With the standard approach, information about every patient is distributed over multiple systems that are not interoperable- This makes aggregating health data for a particular population cluster challenging. Blockchain technology has been emerged in the last decade and has gained a lot of interests from several sectors such as finance, government, energy, health, etc. This paper gives a broad ranging survey of the application of blockchain in healthcare domain. In fact, the ongoing research in this area is evolving rapidly. Therefore, we have identified several use cases in the state of art applying the blockchain technology, for instance for sharing electronic medical records, for remote patient monitoring, for drug supply chain, etc. Blockchain technology moves in the direction of persistent revolution and change. It is a chain of blocks that covers information and maintains trust between individuals no matter how far they are. In the last couple of years, the upsurge in blockchain technology has obliged scholars and specialists to scrutinize new ways to apply blockchain technology with a wide range of domains. The dramatic increase in blockchain technology has provided many new application opportunities, including healthcare applications.*

Keywords: Blockchain Technology; healthcare; Advantages; Electronic Medical records; Remote Patient Monitoring; pharmaceutical supply chain;

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