Abstract

Objective: Nowadays, Big Data technologies play a vital role in diverse areas like health domain, finance, and social networking, and so forth. This paper enlightens the readers, students and research scholars to be aware of challenges and opportunities with Big Data applications over “Smart Healthcare System” for refining optimized patient-centric services.

Methods/Analysis: Big Data applications over the smart health care system with challenges and opportunities which support providers to identify and recommend appropriate medication in advance using Sensor Technology, machine learning, and Big Data techniques.

Findings: This paper introduces appropriate medications, augmenting in research by understanding the Big Data Challenges and Opportunities, which deal with patient data capture, store, search, sharing, transfer, analysis, and visualization.

Applications/Improvements: Big Data Analytics on Smart Health Care systems with sensor
technology, which improves diagnosis, therapy, and cares at an advanced level, saves time and reduces the cost.

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doi:10.4172/2155-6180.1000307

Index Terms

Computer Science  Information Sciences

Keywords