Abstract

The healthcare informatics focuses on health data, information and knowledge, including their collection, processing, analysis and use. Bioinformatics employs computational tools and techniques to study and analyze large biological databases and to understand disease and study of inherent genetic information molecular structure by relating them with healthcare data. This amassing of healthcare information will enable the biologist and scientist to improve health as drug discovery. This paper touches on big data in healthcare and analyzes of those big data in healthcare for the better improvement of healthcare system, bioinformatics data stored in secured manner. Finally, the paper looks on the helpful result, the beneficence of each of them in amelioration of healthcare system. To achieve this health amelioration in bioinformatics, we use Hadoop as tools which collect and analyze the huge amount of data in healthcare system.

References

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Index Terms

Computer Science

Biomedical

Keywords
Big data, Data Analytics, healthcare, bioinformatics, Hadoop.