Abstract

The term Big Data accounts for analysis of already procured heterogeneous, structured, unstructured data to find connections between already existing links and predicting the future ones. Big Data finds its use in almost all aspects of society including healthcare, mining, telecom industries etc. It aims at quicker computation of all the humongous data collected from various sources. Big Data and decision making are concomitant so it is influencing IT sectors in present days too. Because Big Data is dependent upon the storage capacity, confidentiality and data complexity come as big loop holes. The sources of this mammoth volume of data include digital pictures and videos, online transactions, GPS signals, sensors etc. Currently hadoop handles big data change but the rate at which the data is increasing new technological developments need to made to buttress the already existing system.

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Index Terms

Computer Science Data Mining

Keywords

Hadoop, Big Data, analytics, Hadoop Ecosystem