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Abstract

In recent years, time-critical processing or real-time processing and analytics of bid data have received a significant amount of attentions. There are many areas/domains where real-time processing of data and making timely decision can saves thousands of human lives, minimizing the risks of human lives and resources, enhance the quality of human lives, enhance the chance of profitability, efficient resources management etc. This paper have presented such type of real-time big data analytic applications and a classification of those applications. In addition it presents the time requirements of each type of these applications along with its significant benefits. Also, a general overview of big data to describe a background knowledge on this scope.

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Index Terms

Computer Science   Embedded Systems

Keywords

Big Data, Data Analytics, Big Data Applications, Real-Time Applications, Real-Time Processing, Stream Computing