Abstract

In this modern era of technology, we are witnessing a wave of technological advancements. These advancements are as diverse in the areas like collection, storage, aggregation, processing and analysis of financial data. Moreover, with the advent of the Internet of things, there is an exponential rise in huge volumes of unstructured data from several different sources. In this regard, Capital markets are one of many industries which have voracious appetite for big data; they collect and analyze data to mitigate risk, understand their customers, and generate more profitability. Currently, the financial markets are challenged by exponentially increasing volumes of data, inconsistent data quality, and heightened regulatory scrutiny. Remedy to this problem is Big data. Focus of this paper is to analyze the growing need of Big Data technology in financial domain, especially in Capital Markets. Why Capital market sector is much interested in this technology, what all benefits could be incurred? It also highlights the existing modules where big data is already in use, areas where implementation is ongoing and also the hindrances in the path of implementation of the same.

References

Big Data in Capital Markets


Index Terms

Computer Science Information Sciences

Keywords

Big Data Hadoop Map Reduce