Abstract

Big, Unstructured, heterogeneous and temporal data is being generated every second in the stock market and it requires a new school of thought which can not only handles its complexities but also able to help in the future prediction and analytics of the market. Big data analytics is a very promising area and buzz word for the next generation information technologies. Knowledge discovery and future forecasting will not possible without handling the core challenges of big data. Stock market is one of the burning areas where data is growing day by day. Because of these heterogeneity and other complexities of data, big data architecture and design is needed which specifically deals with the stock market data and analyze these heterogeneous data for the future prediction of the market. This paper deals with nature of data generated and required for knowledge discovery & future prediction of the stock market. It also deals with the relevance of big data analytics in the stock market.
The Implications of Big Data in Indian Stock Market


Index Terms

Computer Science

Information Sciences

2 / 3
Keywords

Big Data  Stock Market forecasting  stock market  temporal data  big data architecture