



Big Data and its Applications: A Review

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ABSTRACT

Big Data analytics is a process of analyzing and mining large amount of data. Big Data describes data sets that are too large, too unstructured or too fast changing for analysis. Due to increase in number of complicated targeted threats and rapid growth in data, the analysis of data becomes too difficult. In present world, every small device is a potential data source, adding to the huge data bank and every bit of data generated is practically valued, be it in enterprise data or personal data, historical or transactional data. At present, the leading challenge is to collect and analyze the big data fast enough to perform operations. Various frameworks, languages and techniques are available to handle these huge amounts of datasets. In this paper, an introduction to Hadoop framework and concepts of distributed file system is going to discuss in upcoming chapters.

KEYWORDS: Big data, Hadoop, MapReduce, Pig, Hive