

BIG DATA: OPPORTUNITIES & CHALLENGES

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ABSTRACT

Big data is a term that refers to data sets or combinations of data sets whose size (volume), complexity (variability), and rate of growth (velocity) make them difficult to be captured, managed, processed or analyzed by conventional technologies and tools. Big Data is a data whose scale, diversity, and complexity require new architecture, techniques, algorithms, and analytics to manage it and extract value and hidden knowledge from it. The nature of big data is indistinct and involves considerable processes to identify and translate the data into new insights. This review paper discusses types of big data, its opportunities & challenges and some applications of big data.

KEYWORDS: Big Data, Storage, 3v's, It Applications