

Hadoop guarantees quicker advances in several scientific disciplines and improving the profitability and success of many enterprises [2].

The MapReduce programming model has been successfully used at Google for several different functions. We attribute this success to many reasons. First, the model is easy to use, even for the programmers without experience with parallel and also distributed systems, since it hides the information of parallelization, locality optimization, load balancing and fault-tolerance. Second, a huge variety of issues are easily expressible as MapReduce computations [1].

Issues and challenges MapReduce faces when dealing with Big Data are identified and categorized according to four main Big Data task types- analytics, online processing, data storage, security and privacy. By analyzing MapReduce tasks in Big Data, this paper provides an analysis of the field facilitates better proposal of Big Data projects and identifies opportunities for future research [4].

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