Abstract

The MapReduce framework is one which is proven to be the best suitable framework which can be used to carry out Big data analytics. The big data analytics play a vital role in real-time data analysis applications. Where as in the conventional data mining techniques the clustering technique is proven as that the most useful technique for effective data analysis. From our literature review we found that there are no sufficient clustering techniques suitable for processing big data. Taking this as a disadvantage we are exploring the optimal grid clustering techniques for big data analysis using MapReduce architecture. The initial level experiments conducted using this proposed model is shown magnificent upshot.

References


**Index Terms**

Computer Science  
Algorithms

**Keywords**

Clustering algorithm, Parallel OptiGrid, Data analytics