Abstract

The generation of technology and requirement fulfill the demand of digital universe data. Day to
day the digital universe data are exploded in terms of megabyte and petabyte. The exploding
rate of data demands the new generation of technology such as big data processing. In this
paper optimized the performance of map reduce programming model for the enhancement of
data processing. The modified model of programming used clustering technique. the clustering
 technique incorporate the process of map data in terms of task group. The task group of map
data correlated with different index of data for the processing of data node. The proposed model
implemented in Hadoop framework and programmed in java. For the evaluation of performance
used three standard datasets and measure the processing time and count value of file.

References

Space for Big Data Mining for Interesting Patterns from Uncertain Data”, IEEE, 2014, Pp
Performance Optimization of Big Data Processing using Clustering Technique in MapReduce Programming Model

315-322.


Index Terms

Computer Science Distributed Systems

Keywords

Big Data, Hadoop, MapReduce, Clustering, Optimization
Performance Optimization of Big Data Processing using Clustering Technique in MapReduce Programming