EFFICIENT MAPREDUCE FRAMEWORK USING I-INDEX AND C-INDEX IN BIG DATA APPLICATION

K. ARUN KUMAR, K. LOGU
ASSISTANT PROFESSOR, EASWARI ENGINEERING COLLEGE,
STUDENT, EASWARI ENGINEERING COLLEGE,
RAMAPURAM,CHENNAI-600089,INDIA

In BigData, MapReduce framework plays a vital role in distribution of large scale data. The drawback we face in Map Reduce framework is that generates large intermediate file which is never used. In are proposed systems we build efficient Map Reduce framework to utilize the Intermediate File. A novel cache system proposed to utilize the intermediate results in cache and also provide I-Index method for easy access of Intermediate data. C-index contains frequently used raw intermediate results. Processed data I-Index used to provide indexing methods for the intermediate data. Using C-Index and I-Index methods efficient storing and retrieving of data done in BigData Application.