Abstract

This project proposes to eliminate homogeneous cluster setup in a parallel data processing environment. A homogeneous cluster setup supports static nature of processing which is a huge disadvantage for optimising the response time towards clients. Parallel data processing is performed more often in today's internet and it is very important for the server to deliver the services to its client in optimal time. In order to avail utmost client satisfaction, the server needs to eliminate homogeneous cluster setup that is encountered usually in parallel data processing. The homogeneous cluster setup is static in nature and dynamic allocation of resources is not possible in this kind of environment. The project will also make sure that the user gets its entire requirement fulfilled in optimal time. This will improve the overall resource utilization and, consequently, reduce the processing cost.

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Index Terms

Computer Science

Information Sciences

Keywords

Data mining    Data warehousing    Parallel data processing