Abstract

Data Mining algorithms such as classification and clustering are the future of computation, though multidimensional data-processing is required. People are using multicore processors with GPU's. Most of the programming languages don't provide multiprocessing facilities and hence wastage of processing resources. Clustering and classification algorithms are more resource consuming. In this paper we have shown strategies to overcome such deficiencies.
using multicore processing platform OpenCL.

References

- J. Potts, Seeking Parallelism in Discovery Programs, Arlington: Master Thesis : Univ. of Texas, 1996.

**Index Terms**

Computer Science  
Engineering and Technology

**Keywords**

Parallel Processing  
Clustering  
Classification  
OpenCL  
CUDA  
NVIDIA  
AMD  
GPU