Abstract

This paper describes the role of agent in distributed data mining, comparison of various agent frameworks and also focusses on jade agent framework as a suitable framework for distributed data mining and discovery of patterns from multi agent systems. In this paper, overview of JADE architecture and basic steps to develop agents are described. The paper also focusses on implementing association rule mining algorithm- Apriori on JADE agent framework and result has been generated.

References


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**Index Terms**

Computer Science Pattern Recognition

**Keywords**

Jade Agent Framework, Distributed Data Mining, Pattern Analysis