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


3. Longbing Cao, University of Technology, Sydney Vladimir Gorodetsky, St. Petersburg Institute for Informatics and Automation, Russian Academy of Sciences Pericles A. Mitkas, Aristotle University of Thessaloniki, Agent Mining: The Synergy.


Index Terms

Computer Science

Pattern Recognition

Keywords

Jade Agent Framework, Distributed Data Mining, Pattern Analysis