Abstract

With the evolution of distributed computing, the databases were inherently distributed across the globe. The core need in the current industrial environment is to extract information from the huge, complex and dynamic data through data mining techniques. Existence of an inconsistency in the data will directly affect the data mining and thereby affect the business performance. Thus, agents which are a powerful technology for the analysis design and implementation of autonomous intelligent systems is used to handle the varied issues related to
inconsistencies in the data. This paper provides the design and development of intelligent software that uses agents to handle the data preprocessing thereby improving and enhancing the quality of data to be mined.

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**Index Terms**

Computer Science  |  Data Mining

**Keywords**

Coordinator Agent  |  Transformation Agent  |  Discretization Agent