

ENTERPRISE INFORMATION ARCHITECTURE VALUE OPTIMIZATION USING INTELLIGENT AGENTS

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Abstract: This paper presents a description of the Enterprise Architecture, the benefits of its use and its key issues. Enterprise Information Architecture is also described and the value that represents in the economic field. Based on the general architecture of the Enterprise Information Architecture was developed a case study containing a data stream that describes the steps required of a financial transaction. In the Enterprise Information Architecture model an argument-based intelligent agent is proposed in order to select the best data mining algorithm to analyze the incoming data.

Keywords: enterprise architecture, intelligent agent, data mining

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