



RESEARCH ARTICLE

Performing the Data Reliability Estimation in a Data Warehouse Opened on the Web Enable Data Warehouse

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ABSTRACT: - *This paper presents an ontology-driven workflow that feeds and queries a data warehouse on the Web enable data. Data are extracted from data tables in Web documents. As web documents are very heterogeneous in nature, a key issue in this workflow is the ability to assess the reliability of retrieved data. We first recall the main steps of our method to annotate and query Web data tables driven by domain ontology. Then we propose a clustering based generic method to assess data reliability from a set of criteria using the theory of belief functions. Customizable criteria and insightful decisions are provided.. Finally, we show how we extend the workflow to integrate the reliability assessment step.*

Keywords --- Clustering Algorithm; Aggregation

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