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Conceptualization of the Tabular Representation of Knowledge

Abstract:

Tabular representation is used as a basis for knowledge extraction. The structure of knowledge is built from a generalized concept to data structures that are used in applied software. The resulting formalizations allow for control of information in the form of natural language texts (regulatory documents), databases and spreadsheets of automated transport systems. The knowledge extracted from the tabular representation serves as the basis for decision-making and data mining.

Keywords: concept, ontology, relation, table, conceptualization

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