Structured Query Language (SQL) Answering Model for User Queries based on Intuitionistic Fuzzy Logic

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Abstract

Intuitionistic fuzzy logic is widely accepted method to analyse the imprecise and vague data. There are number of database management systems (DBMS) are available to facilitate the users to store and organize the data for the future purpose. DBMS lacks to understand the user queries in distributed environment. SQL is a popular querying language to fetch data depend upon the user queries. The structure of the SQL query is designed for precise queries from the user but it will return error for vague queries. As the business extends from one part of the world to the other language should be a barrier for the non-English speakers. The research is to find the solution for the problems exist in the SQL to translate the user queries. The proposed model will answer all kind of user queries and tries solve the vagueness problem using fuzzy logic.

References


Index Terms

Computer Science  Fuzzy Systems
Keywords

Answering system, Fuzzifier, Translator