

261. ENHANCED PREDICTION OF ENCRYPTED KEYWORD QUERIES OVER SECURE DATABASES

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Accessing Keyword Query Interfaces for databases have attracted much attention over last decades which extract information that is hidden over each data in databases. Keywords are used to identify the data in databases. Accessing over a databases through keyword queries may cause low precision and only the exact match is possible. Alternate queries are suggested for hard queries and a secure framework is proposed to find the degree of difficulty for keyword query over a databases by considering the structure, content and query results by identifying and analyzing the characteristics of hard queries in order to increase the user satisfaction. If exact match fails it also finds the nearest possible matches for the given keyword. The secure framework is provided by encrypted data which provides the integrity and confidentiality of data.

Index Terms- Robustness, Fuzzy keyword search, MAP, Data corruption

Journal of Science and Innovative Engineering & Technology