Abstract

With the rapid increase in digital world servers security for data is highly required. So most of researcher have proposed different techniques such as data partition and modification. Here proposed work has resolve this issue of digital data security by vertical partition and AES encryption algorithm. In this work vertical patterns are generate from the database by the use of aprior algorithm of association rule mining. These patterns effectively distribute data for different sites. While ach site maintain an index table of inserted rows for proper database operations. Experiment is done on real adult dataset. Results shows that proposed work is better as compare to previous existing algorithm on different evaluation parameters.

References


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**Index Terms**

Computer Science  
Databases

**Keywords**
Efficient Encrypted Data Distribution Vertically by Generating Frequent Pattern

Conditional Functional Dependency, Data Anonymization, Encryption, Effective Pruning,