PERFORMANCE EVALUATION OF HORIZONTAL AGGREGATION TECHNIQUES IN SQL

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ABSTRACT

Data mining (DM) can be viewed as a result of the natural evolution of information technology. For DM, data needs to be transferred into a data-mining-capable format. From an assortment of methods of data transformation, one form is horizontal aggregation methods. Three methods of horizontal aggregation used in proposed methodology are SPJ, CASE and PIVOT. These methods generate horizontally aggregated datasets. Evaluating these methods and their performance led to several interesting minutiae which in juxtaposition with experimental results are bequeathed.

General Terms: SQL

KEYWORDS: Horizontal Aggregation, SPJ, CASE, PIVOT, Primary Index, Secondary Index