Abstract

Business intelligence is becoming one of the key implementation practices in many industries, with the rapid change in customer buying habits and frequently changing markets every business needs more insight into all the available data that is in the database. Successful business needs to take analytical decision from all possible data that is available. Traditionally the business warehouse system used to get historical data from multiple sources and assist in the decision making process which actually takes time. But to adapt to the rapid changing market there is a need to analyze the business as it happens and take business decisions on real time. With the huge advancement in the hardware and data storage technologies and availability of 64 bit processors, it can help the business intelligence applications to fully utilize the potential of the latest hardware technologies available. The usage of in-memory computing and data storage options like columnar database capability for business intelligence applications can be highly considered for designing the next generation data warehouse systems. This article will analyze the effectiveness of using the in-memory technology for business intelligence based applications and see how it can help in increasing the performance of the business intelligence applications.

Refer
Next Generation Data Warehouse and In-Memory Analytics

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Index Terms

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Keywords

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