A Comparative Study of Data Storage in Retail Management with Traditional Databases V/S Real Time Database

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Abstract: A real-time database is a database system which uses real-time processing to handle workloads whose state is constantly changing. This differs from traditional data containing persistent data, mostly unaffected by time. The graphs of the different markets appear to be very unstable and yet a database has to keep track of current values for all of the markets of the New York Stock Exchange. Real-time processing means that a transaction is processed fast enough for the result to come back and be acted on right away. Real-time databases are useful for accounting, banking, law, medical records, multi-media, process control, reservation systems, and scientific data analysis. For example, a stock market changes very rapidly and is dynamic. Traditional data is structured, relational data organizations have been storing and processing for decades. Traditional data still accounts for the majority of the world’s data.

Keywords: Databases curricula; SQL; structured query language; Big Data

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