

Abstract

Many big enterprise use *Data Warehouse* as their storage. It happens because every enterprise needs to get business process's information. Nowadays, *Data Warehouse* which contains historical data of enterprise should provide *up-to-date* data. Generally, *Data Warehouse*'s process will be refresh periodically (twice a day, every 24 hours or every hours.). But it will not too effective, because technology grows faster, data can be change everytime even in seconds. Because of that, to prevent validation of data on *Data Warehouse* we can use *real-time datawarehouse*.

Real-time datawarehouse has significant differences on *ETL process* where *ETL process* will be done when change of data happen on data source so the data which is stored in warehouse will be guaranteed. *ETL process* doesn't take a long time to do because not all data involved.

After implementation and testing of real-time *Data Warehouse* done, we can analyze every factors that make real-time datawarehouse more excellent than konvesional *Data Warehouse*. Analysis of real-time *Data Warehouse* will be more spesific in data accuracy, ETL process dan providing *up-to date* information

Keywords : *Real Time Data Warehouse*, ETL, data accuracy