ABSTRACT

DEVELOPMENT OF GOODS SALES DATA WAREHOUSE
IN PT. SIMPATI INTAN PERMATA

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Information technology development gives biggest part for an organization, especially in structural, operational and management. PT. Simpati Intan Permata (SIP) is an organization which selling household tool, furniture and electronic tools. It has some branches in west java which offering direct goods to consumer with payment system in cash and credit. Every month, the branches manage their own database separately from others branch. They also don't use all of database, and they have difficulties to make an understandable report data analysis in order to make a decision.

Data warehouse makes the spreading of company's data become integrated and summary. It helps manager to analyze data for quick and direct strategic decision making. The arrangement of this data warehouse is using snowflake schema model data and OLAP and for managing and analyzing data is using Drill Down/Drill Up technique.

This research is expected to help a manager analyzing a sum of data and to make easier manager in decision making.

Keyword : Data warehouse, ETL, OLAP.