

ABSTRACT

Business Intelligence is a concept and useful methods to facilitate decision making with the help of the system which is fact-based or reality that occurs. Research conducted in the form of Business Intelligence Development Dashboard Data Mining based on ERP Data Warehouse using Pentaho with Business Dimensional Life Cycle Metodology (Case Study: purchase module on CV Kembar Mekar).

CV Kembar Mekar Is an industrial company engaged in the supply of raw materials for animal feed and rice milling. Development of business intelligence in the company is needed because during this company has problems in processing and analyzing the data a lot, business intelligence Is the right solution in transforming raw data into information (report) Which is used to perform analysis and decision making by top level management.

This study only uses business dimensional methodology life cycle is a methodology used for business intelligence development at CV Kembar Mekar, this approach integrates development from three angle of view, that is technology, data, and application. In addition, this method also identifies the business needs to ensure the user understands what the user needs.

Keywords: Business Intelligence, Dashboard, Data Mining, Data Warehouse, ERP, Purchase, Business Dimensional Life Cycle, CV Kembar Mekar.