

ABSTRACT

Bandung City Public Health Office Division of the Quality of Health Services is one of the units that engaged in the field of Health Services which is incharge of the evaluating and reporting documents related to community health centers (puskesmas) accreditation, the results of data recap or data collection of the information about puskesmas accreditation still use manual data collection using Microsoft Excel which is then the result of the data visualization is released and displayed on the data visualization board of the Yankes quality section, on that board there are many data visualizations printed out according to the information needed, to get the results of data visualization in real time and no errors in input or updating data, Therefore, a business intelligence dashboard design was developed using the Business Dimensional Lifecycle method.

This method has a bottom-up approach which is the data mart that created first before doing the ETL process, Business Dimensional Lifecycle Method is done with 9 Kimball steps starting with analyzing the required information, collecting KPIs, Grain identification, dimension identification and adjustment, identify fact tables, pre-calculating storage descriptions, completing dimension tables, database duration, tracking slowly changing dimensions, and determine priorities and query modes, the Business Lifecycle Dimension methods focused on modeling data with dimensions.

From the dashboard design result, there are four dimensions, which is the puskesmas dimension, the suubdistrict dimension, counseling staff dimensions and the teeth and mouth dimensions, there is one fact table which is the counseling fact table that displays the final results of the accreditation dashboard of puskesmas, counselors, teeth and mouth, and the sub-districts.

Keywords - , Business Dimensional Lifecycle Business Intelligence Dinas Kesehatan Kota Bandung, Kimball.