ABSTRACT

Data is a representation of facts in various forms, either by text, numbers, graphics, sound, and video. Data is a source of information used by an organization to make decisions that affect an organization's success. Each organization has different and diverse data requirements.

Data quality is critical at present. Both the poor quality of data can be very influential in decision making by an organization. One problem that arises when uniting several databases is the emergence of data duplication. For this reason, data quality monitoring used out to monitor the quality of the data held.

This study is a follow-up study focusing on developing a quality monitoring module for the Value Similarity and Data Deduplication Profiling results. The Operational Dashboard developed to monitor the quality of data and the achievement of organizational KPIs related to data quality. The method used to create a dashboard in this research is Suryatiningsih's operational dashboard development method, which consists of identifying activities, planning processes, prototype design, implementation, and system testing. The development of this dashboard intended to assist the operation of monitoring data quality in an organization.

Keywords: *data, data quality management, data quality monitoring, dashboard, open source.*