

ABSTRACT

The development of information technology in the industrial era 4.0 has encouraged organizations, especially in the government sector, to improve data governance. Data governance is important for organizations to maximize the value of their data assets. This research applies the DAMA-DMBOKv2 framework in order to improve the quality of employees data within the Bureau of Leadership Administration of the Regional Secretariat of East Java Province. The main focus of this research is to assess the accuracy, completeness, and timeliness of employees data. Through analyzing the manual management system and information systems that are not integrated with each other, this research aims to identify the causes of inefficient data management and inconsistent data. In addition, this research also evaluates the level of data integration between systems to optimize operational efficiency. This research method is qualitative by adopting the validation technique by expert judgement. Through the application of the Data Quality domain in the DAMA-DMBOKv2 framework with assessment using data quality maturity model Loshin, it is expected that the quality of employees data can be improved, providing an impetus for realizing good governance and facilitating more effective government decision making. The final results of this research are recommendations for improving data quality from the results of the current and expected gap levels and recommendations for improving data quality based on people, processes and technologies.

Keywords— *Data Governance, Government, Data Quality, DAMA-DMBOKv2, Data Quality Maturity Model Loshin*