

Abstract

The lack of knowledge and understanding regarding allocation in the use of APBD (Regional Budget) funds has become an issue that impacts low public participation and oversight of regional budgets. This problem creates a need for technological innovation in managing such data. The required technological innovation involves the concept of data mining, focusing on the web scraping method. Web scraping is an efficient technique for collecting data already available on APBD management information websites. This study aims to enhance the transparency of APBD data through a web scraping process and presenting the data in an easily accessible and understandable dashboard visualization for the public, thereby supporting better oversight. The web scraping results are then allocated to a database for further ETL (Extract Transform Load) processes, which act as connectors to a visualization application to produce a dashboard. Easily accessible and comprehensible APBD data will positively impact public awareness of regional budget policies, contributing to better budget management for the welfare of society.

Keywords: APBD, dashboard, database, ETL, transparency, web scraping.