DATA VISUALIZATION AND ANALYSIS USING TABLEAU SOFTWARE: DATA TRACER STUDY AT SMK NEGERI 1 BANTUL

by Handaru Jati1, Nurkhamid2, Ratna Wardani1, , Yuniar Indrihapsari2 , Pradana Setialana2, Danang Wijaya1, Dhista Dwi Nur Ardiansyah1 , Satya Adhiyaksa2, Maria Bernadeta Charlotta Wonda Tiala2, Andi Hakim Al-khawarizmi2 , Widya Ardianto2, Zainal Ma'aruf Abidin1, Damar Abidin Syamsu1

ABSTRACT

Tracer study data is essential, one of the criteria for assessing school accreditation. With current technological advances, data processing and visualization of tracer study data will become easier and faster. From the results of this data processing, schools and stakeholders can make quick and accurate decisions to improve the quality of the school, staf, teachers, and its alums. To answer this challenge, the UNY PKM team provided training and assistance in data processing and visualization using Tableau software for data tracer studies at SMK Negeri 1 Bantul. This training aims to improve the ability of SMK Negeri 1 Bantul staff's and teachers' ability to process and visualize data, as well as produce interactive data visualizations to understand alums' career development, level of satisfaction and educational needs. From the results of this training, the training participants' abilities increased significantly, as evidenced by the pre-test and post-test comparison results.

Kata Kunci: *data visualization, tracer study, Tableau Software*