

ABSTRACT

The company's ability to pay off short-term debt quickly is what is meant by the liquidity ratio. The liquidity ratios used in this study are the Current Ratio (CR), Quick Ratio (QR) and Cash Ratio (CaR). This study uses a sample of construction sub-sector companies listed on the Indonesia Stock Exchange for the 2019-2021 period and companies that officially issue annual reports. The clustering process starts from the initial selection stage to the evaluation stage with Google Colab tools in the Python programming language using several libraries such as numpy, pandas, matplotlib, plotly express and scikit learn. The results of the study show that companies included in clusters 0 and 1 are companies that are calculated not according to industry standards. Companies included in clusters 2 and 4 are companies that meet industry standards. Cluster 3 is a company with a CR and QR ratio according to industry standards, but the CaR ratio value is not according to industry standards.

Keywords: Liquidity, Current Ratio, Quick Ratio, Cash Ratio