

CLASSIFYING POVERTY IN DETERMINING COVID-19 AID DISTRIBUTION USING DECISION TREE METHOD

(Case Study: Miyono Village Office)

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ABSTRACT

The Covid-19 pandemic has affected many world citizens. The people of Miyono village are one of the residents affected by the pandemic. One of the government's actions is to organize a Bantuan Langsung Tunai (BLT) program for affected communities. However, the quota was given by the government often creates new problems in society, namely not being well targeted. Therefore, it is necessary to have certain conditions or criteria that underlie the provision of BLT to the community. The approach taken is to make a classification using criteria to determine the eligibility of beneficiaries. The C4.5 algorithm is a classification algorithm that can be used to determine the eligibility of BLT recipients. The results obtained in the research based on system testing using the Confusion Matrix are 90% accuracy of the classification results using the C4.5 algorithm so that the system built can assist an officer in distributing BLT appropriately to eligible citizens.

Keywords: BLT, C4.5, Classification