

ABSTRACT

Poverty is a global problem which means the inability to meet basic needs. About poverty is understood by the poverty line. At the poverty line there are also 2 aspects that can be seen from the food poverty line and the non-food poverty line. The Bandung City Data Portal records poverty in Bandung City and obtains data from estimation results based on the National Social Survey (SUSENAS). Data collection during the survey was carried out by the relatively large Central Bureau of Statistics (BPS). The time spent during the survey will be longer and can be quite expensive. Time series data analysis can be used for forecasting in the future which aims to shorten time to be faster and can reduce costs when collecting survey data for the community. By using several forecasting algorithms to give a better idea of what will happen in the future and the use of performance metrics to evaluate forecasting data with testing data so that it is known which algorithm is more accurate.

Keywords: Poverty, SUSENAS, BPS, time series data, Algorithms