

# **Klasifikasi Topik Berita Berbahasa Indonesia menggunakan *Multilayer Perceptron***

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## **Abstract**

News is one of the representation of real social life that always illustrates issues that are still many and often shared by the community. Every day, there is always a news update so that it makes new news and makes the news flow more and more. With the internet, the news makes it easier and faster to spread. Because of that problem, it requires a system that can classify news so that the news can be grouped by categories such as Technology, Culture, Education, and others. One method that can overcome this problem is the existence of a classification system using Artificial Neural Networks (ANN). This artificial neural network method can create a pattern of knowledge with self-organizing and optimization, artificial neural networks can find the best answer. So this artificial neural network method is interesting and good for overcoming these problems. The results of this research are stated in F1-measure micro-average with performance values reaching 77.44% which is the data of Indonesian news has various types that can influence the stemming process.

**Keywords:** News, text preprocessing, text classification, Multilayer Perceptron