Abstract

The number of documents is very much needed and should be handled automatically organizing system. Clustering is one of technique to organizing document. At the end of the task compared to the performance of two clustering algorithms namely K-means and Suffix Tree Clustering to cluster Indonesian news. Performance measurement in question is the recall, precision, F-measure and the variance. With these parameters would look best algorithm in classifying the news in Indonesian. Algorithm K- means cluster density better than the Suffix Tree Clustering, while the Suffix Tree Clustering has F-measure values are higher than K-means.

Keyword: *clustering*, *K-means, Suffix Tree Clustering recall, precision, F-measure and variance*