

Abstract

Information has easily to obtained because the sources of the information have been scattered to the internet. The information also can obtained from data that have digital documents format which scattered to the internet too. Information from the internet has a various type of data that can make difficult to find the information that have related to more topics from documents. Data Mining have a solution to solve that problem with the clustering technique. Text clustering usually used for clustering text data. The clustering technique that used to this Final Project is K-Medoids which use K-Means-Like algoritmn to clustering data.

On this Final Project, the result of the cluster can be calculated with influence parameter, they are value of k, execution time, iterations, and F-Measure. The highest F-Measure value obtained between 0.61-0.75 for $k = 4$, excecution time between 2-145 second, and iterations between 2-4 for 3 variants tested data.

Key words : K-Medoids, K-Means-Like, Supervised Cluster Evaluation, F-Measure