

Abstract

A popular approach to classify documents or terms is vector space. Clustering technique based on term frequency matrix document is independent and semantic less. The cluster method used in this final project to handle semantic value is using Semantic Locally Adaptive Clustering (Semantic LAC).

The Test of this clustering at this final project is using V-Measure and it is performed on every Semantic LAC's iteration. By the method of V-Measure, the test results will be obtained by calculating homogeneity, completeness, and harmonic mean. By this test, we get the ideal clustering. It means, obtaining the maximum v-measure with a few iterations equals three iterations, five clusters, and h parameter more than ten.

Keywords: Clustering, Teks, V-Measure, Semantic LAC, Semantics