Abstract

In present time many clustering techniques are use the data mining. The clustering gives the best performance in all research proposals. We know that k_means clustering is the best clustering techniques in the data mining, but some disadvantage of k_means clustering. Although clustering algorithms can be classified into two categories: hard clustering algorithms and fuzzy clustering algorithms and The Fuzzy-C-Means (FCM) clustering algorithm is also known as Soft K-Means so we have proposed new enhancement of C-means clustering. Proposed algorithms will be gave the best result in fuzzy C-means clustering algorithms. We use the mouse data set to test these performances in Matlab tools.

References

Enhancement of fuzzy c-means clustering using EM algorithm

- http://home. dei. polimi. it/matteucc/Clustering/tutorial_html/cmeans. html

Index Terms
Computer Science
Artificial Intelligence

Keywords
Feature Selection  C-mean Clustering  Em Algorithms  Mouse Dataset  Matlab
Unsupervised Learning