Abstract

Clustering is a process of partitioning a set of data (or objects) into a set of meaningful sub-classes, called clusters. This paper analyzes three major clustering algorithms: K-Means, Hierarchical clustering and Density based clustering. The performance of these three clustering algorithms is compared using the clustering toolkit Weka.

References

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Index Terms

Computer Science

Algorithms

Keywords

Data Mining Algorithms, Weka Tools, K-means Algorithms, Hierarchical Clustering And Density Based Clustering.