

146. AN EUCLIDEAN AFFINITY PROPAGATION CLUSTERING BASED ON INFORMATION PASSING

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This Paper presents the Affinity Propagation is used to the clustering problem. Two Clustering algorithms are proposed. Message passing from user to the server by using Clustering Algorithm. It evaluates the effectiveness of clustering algorithms by computing the mutual information between real cluster labels and the clustering results. Traditional AP clustering is also implemented to provide benchmark performance. The effectiveness and the efficiency of AP make IAPKM and IAPNA able to be well used in incremental clustering tasks. Accuracy is a more direct measure to reflect the effectiveness of clustering algorithms. Euclidean Distance Algorithm is used to the group of an object. And find the similarity method. To implement the Euclidean Distance Algorithm. It is used to calculate two the similarity values. Some other dynamic clustering problems are also of great importance. Finally, to apply the two ideas to other dynamic data clustering.

Index terms: Net beans 6.9.1.Wamp Server, My SQL

Journal of Science and Innovative Engineering & Technology