

K-Means Clustering Based on Genetic Algorithm

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Abstract This paper proposed a K-Means clustering method based on genetic algorithm. We compared our method with the traditional K-Means method and clustering method based on simple genetic algorithm. The comparison proved that our method achieves a better result than the other two. The drawback of this method is a comparably slower speed in clustering.

Keywords Data Mining, Clustering, Genetic Algorithm, K-Means Clustering

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