Music Recommendation System based on Unsupervised Discretization

Abstract

Because of the revolution in the field of Internet and E-commerce, users are overwhelmed by choices either it may be a book or movie or Music etc. Recommendations systems are serving as one of the important tool to handle information overloading by providing recommendations to users. In this paper we proposed a method to handle music recommendation problem. Unsupervised discretization is used to cluster the items which are similar in their frequency distribution. The proposed method is evaluated by using a benchmark dataset Last.fm. the results depict the fact that the proposed method performs better than the traditional popular recommendation approach.

References

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6. Textbook: Pang-ning Tan, Vipin Kumar, Michael Steinbach, Introduction to Data Mining, Pearson
9. iTunes

Index Terms

Computer Science               Signal Processing

Keywords

Internet, E-commerce, information overloading, Recommendations systems, Unsupervised discretization