

# **AUDIO CLUSTERING USING DATA MINING**

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## **ABSTRACT**

Automatic genre classification from audio has been an area of active research due to its importance in music information retrieval systems. The clustering process in data mining is to arrange similar data into groups. The purpose of clustering algorithm is to divide s dataset into several groups that are similar within a group is better than among groups. The multimedia files grow day by day.

As concern of music and audio, millions of files spread every day. The automatic organization of these music or audio files is a difficult task. In this paper, we are identifying an approach which will make the clusters of music and audio files by accessing parameters like key, tempo, rhythm etc.

**KEYWORDS:** Dataset, Clustering, K-Mean