

USING THE LISTENING HISTORY OF YOUNGSTERS TO PREDICT THE FEATURES OF THE PERFECT SONG



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01 Introduction

Music plays a crucial role in children’s development by helping them express their identity, teaching them to belong to a culture, and developing their cognitive well-being and inner self worth.

Music recommendation systems are not made to cater for the children group

02 Research Question

Can we use the listening history of children in order to determine how the features of a song they would frequently listen to would look like

03 Methodology

We cluster the tracks in order to obtain groups that contain songs with similar features

Using the listening history of a user we decide which cluster most closely represents his music preference, and using the songs inside the cluster we approximate the features of the perfect song

04 Results

05 Conclusion