



Music Recommendation System Using Machine Learning

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Abstract: *The benefits of music include improved health, increased self-esteem, and stress reduction. It can essentially be separated into a variety of genres. People frequently choose a particular musical style based on their mood and interests. Therefore, a platform that automatically suggests music based on a person's feelings is really needed. In essence, facial expressions can serve as a type of nonverbal communication that can reveal information about a person's various moods. Therefore, the main goal of my work, Emophony, is to develop an application that would make music recommendations to the user based on their feelings and interests by collecting their facial expressions. We have developed a system that can identify emotions from facial expressions.*

Keywords: Convolutional Neural Network, Deep Learning, Dataset, Depression

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