Research on Music Emotion Classification Based on Lyrics and Audio.
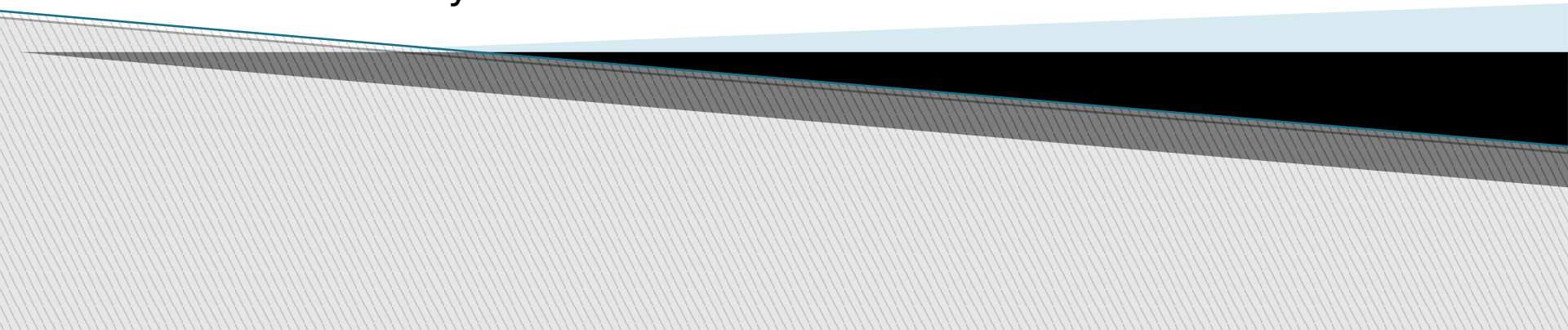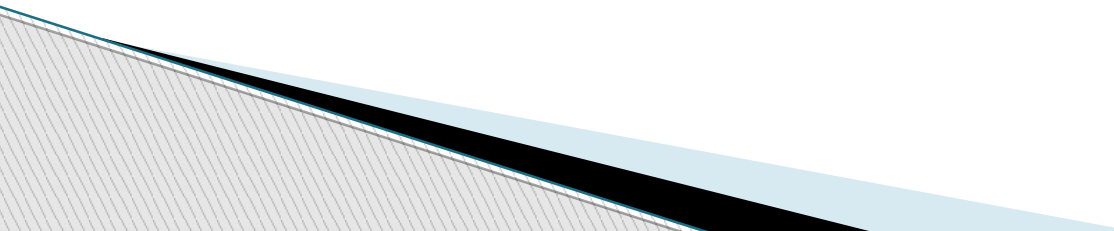
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ABSTRACT:

Emotion Detection and Recognition from lyrics and audio is a recent field of research that is closely related to Sentiment Analysis. Sentiment Analysis aims to detect positive, neutral, or negative feelings from text, whereas Emotion Analysis aims to detect and recognize types of feelings through the expression of audio and lyrics such as anger, sadness, disgust, happy and fear.

OBJECTIVES:

So what our project does and why are we making this?

In this era of technology when we are sad, angry, frustrated or any other emotion we try to listen songs or watch video related to it but sometimes we listen that kind of songs which does not help to overcome from particular thing instead of that we just get more into it. So basically our system will detect your mood and help you to get better songs for cheering yourself.

So the method & algorithms we are going to use in this project :
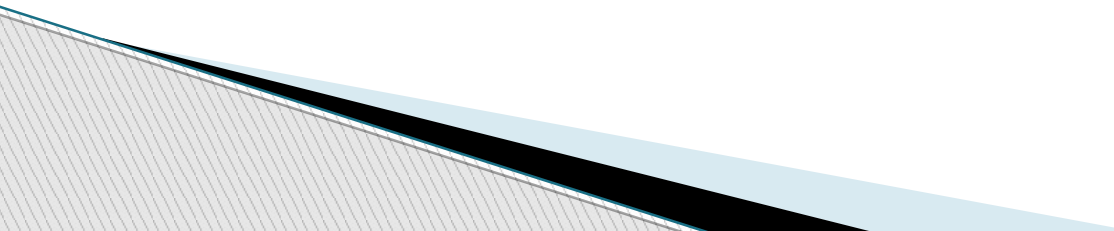
SVM for lyrics classification.

Back propagation (BP) Neural Network for audio classification. Late fusion by Subtask Merging (LFSM).

BENEFITS FOR SOCIETY AND ENVIRONMENT:

This project is very beneficial for the peoples in society. So if we get stuck on a particular situation that has an adverse effect on our Physical as well as mental health. So what our project will do it will detect the lyrics can be said as text from a particular song and give result on basis of that and will suggest you different kind of songs which will help you to distract or cheer up from that thing.

THANK YOU