

Input a Audio Book  
MP3 File

Divide the Audio  
Book into multiple  
segments of required  
size

### Sentiment Analysis

Transcription of Audio file

Extraction of Audio Features

Text-Based Sentiment Analysis

Audio-Based Sentiment Analysis

Weighted Average of Sentiment

### Music Generation

Take input sentiment

Pass sentiment to Generative Model

Generation of unique MIDI file

Conversion of MIDI to MP3

Output of Generated Music

Overlay the Audio  
Book with the  
respective music  
generated

Output Audio Book  
with unique  
Background Music in  
MP3 file format