

The study of lyrical influence on music genres

Do lyrics influence music genres?

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Introduction

Previous studies on genre classification of music through machine learning utilise mostly audio elements, including tempo, beat, height, height of melody, melody spacing, frequency of notes, and rhythm specific to genre. But what if there are similarities across lyrics within the same genre? We might discover a new way of music genre classification using those similarities if they exist. We set out from this idea and began our study.

Finding the genre of a song with Deep Learning
A.I. Odyssey part. 1

Music Genre Classification with Python

A Guide to analysing Audio/Music signals in Python

Automatic genre identification and similar track matching

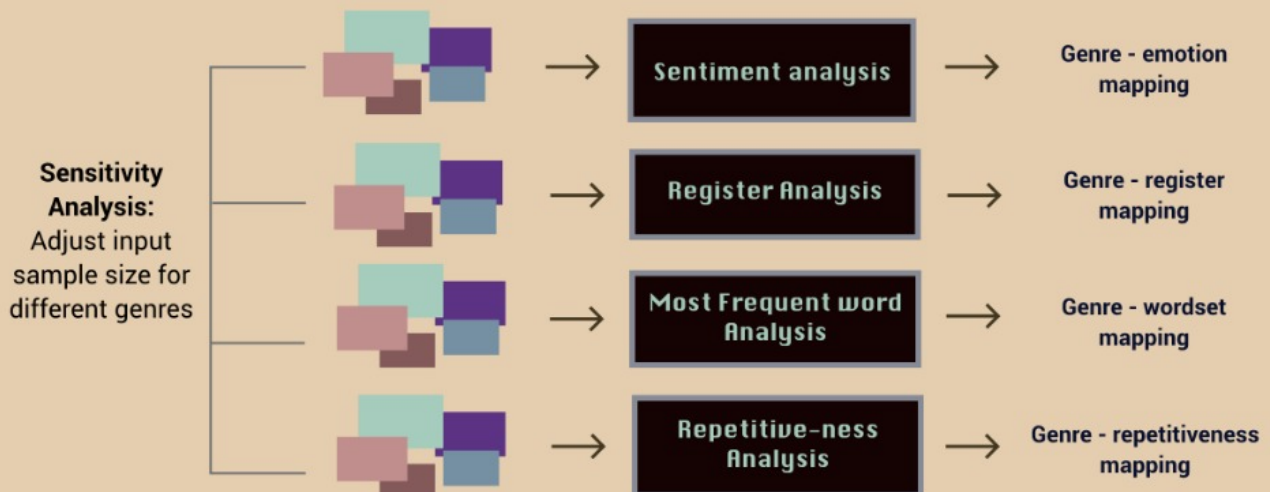
<< previous studies >>

Processing units



- Enough Sample Size (>5000):
We select songs tagged with 1 genre - drop ambiguous songs.
- NOT Enough Sample Size (<5000):
We select all songs tagged with or without multiple genres

Approaches



Reference

- Database: **The Million Song Dataset**
- Tools: **Python, Textblob**

