

Emotion Patterns in Music Playlists

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First Project meeting

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ED: What

Remark

Emotion Detection (ED) is a SA task.

SA: detects positive or negative feeling from text.

ED: detects various emotions.

As a SA task, ED can be implemented using:

- ML approach
- Lexicon-based approach

ED: Why

Emotion detection has useful applications, such as:

- Measure citizens happiness
- Pervasive computing
- Understanding the consumer

ED: Challenges

Some of the biggest challenges in ED:

- Context-dependence of emotions: people use different emotion regulation strategies in different social contexts
- Word-sense disambiguation: identifying which sense of a word (i.e. meaning) is used in a sentence, when the word has multiple meanings
- Co-reference resolution: pronouns and other referring expressions must be connected to the right individuals
- Lack of labelled emotion database

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References

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