

SEMANTICTUNES

AN SVM APPROACH TO LYRIC-BASED GENRE CLASSIFICATION

Author

- Brian Davis

Classification Problem

- Create a model to predict the genre of a song given the song's lyrics

Dataset

- [song_lyrics.csv](#) was scraped from genius.com in 2022 and contains a robust set of songs whose features include the song's lyrics as well as the genre

Timeline

- Week 1: Data Preprocessing/Feature Extraction
- Week 2: Model Selection & Training
- Week 3: Model Evaluation & Optimization