

Kelly Cosgrove

11/15/2021

Pop Punk Song Search
Project Progress Report

1) Which tasks have been completed?

I have researched the most popular Pop-Punk artists over the last 30 years and have put together a corpus with which I am going to train my vector space model, using the lyricsgenius Python library. I have also researched the Gensim library which I am planning to build the VSM with, as this was the topic for my Tech Review.

2) Which tasks are pending?

I still need to create the vector space model, create the Dash-based GUI through which users will be able to interact with the VSM, and create/use test cases on the VSM.

3) Are you facing any challenges?

One challenge I've faced so far is the library by which I used to pull the song lyric corpus. I was originally planning to use a Python library called lyrics-corpora. However, upon testing this library out I quickly found that it was buggy and not well maintained, and I was unable to leverage it for the task at hand. Luckily, I was able to find another library called lyricsgenius which utilized the Genius website API. This library worked well to create the corpus.