

Mini Project #4

Text Analysis

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Introduction

One of my favorite bands is called Illuminati Hotties, what I love about them is that all the songs are very different and unique. The main artist is named Sarah Tudzin and in her professional life she is a music producer for many much more popular artists. She also writes and produces her own music and what I think is really cool about it is she just has fun making a bunch of cool and unique sounds, that aren't dictated by someone else.

Some of my friends and I went to a concert for another artist called Pom Pom Squad almost 6 years ago at this point where we were first introduced to her and have been hooked ever since, one of the things we always talk about is the uniqueness of her music and the interesting and sometimes slightly disturbing lyrics she uses in her songs. This led me to wanting to do a text analysis of her song lyrics.

Data!

There was not a data set of her song lyrics as she is not a very famous artist so i made the maybe silly decision to scrape all the lyrics off the web myself and make my own data set. I did all of this in a document called MP4_cleaning.qmd because it was a lot of code that was not important to the actual project results, it is however linked in my github and on this website page.

What I did was used the web page scraping functions that we made in class to make a similar function that I could input the names of the songs into. I first tried to do all the songs at once but was running into issues with my IP address getting blocked from requesting too much data so I had to break down the songs into smaller requests and I made 10 individual csv files that I then `bind_row()` into one full data set. This however was only the names of the songs and the lyrics and I wanted an album name which was a little more complicated because the website I used to get the lyrics did not have the album name on the page that the song lyrics were on. So I just did a bunch of if else statements to add the new column. This definitely