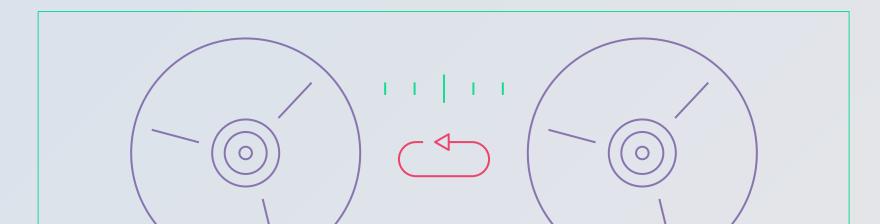


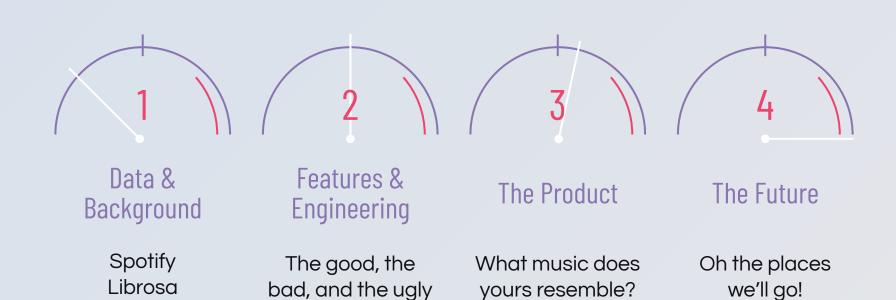
THE PROBLEM

The way humans perceive music is fundamentally emotional, but there's a place for science too!

With digital signal processing libraries like Librosa, we'll extract salient audio features from unheard music and compare it to popular music in order to connect new artists with new fans!



CONTENTS



Me!

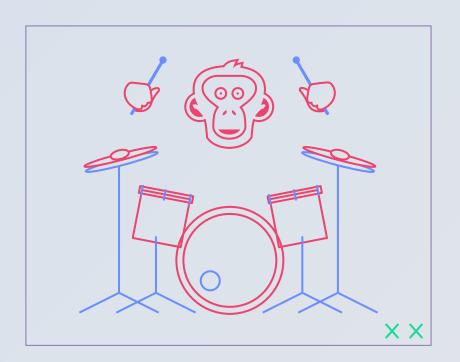
yours resemble?

Data & Background

Where do we start?



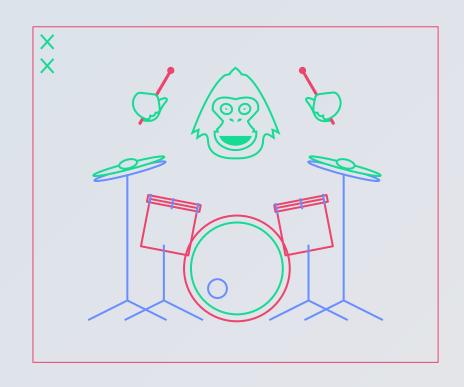
BACKGROUND



With over 15 years of experience in the music industry, first as a musician and performer, and later as a sound designer, audio engineer, and producer, I believe I'm in a unique position to address this problem.

DATA

- Spotify
- Librosa
- A few good tunes
- A few good friends



Features & Engineering

Let's take a look!

2





SPOTIFY

A mixed bag

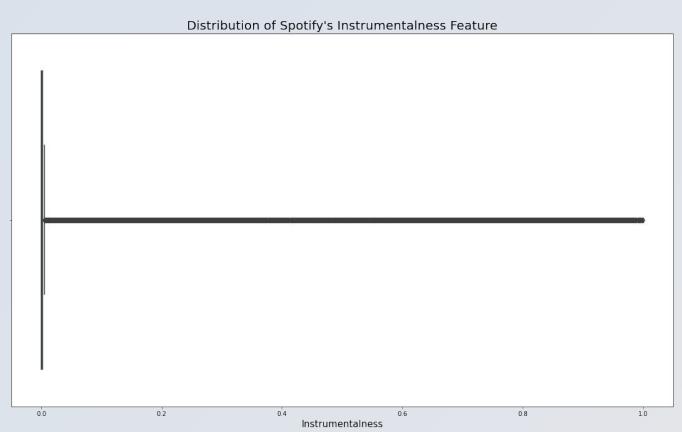




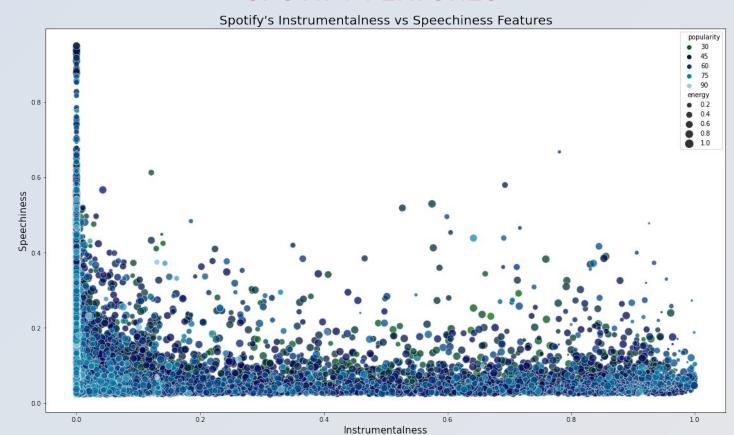
LIBROSA

Granular, scientific

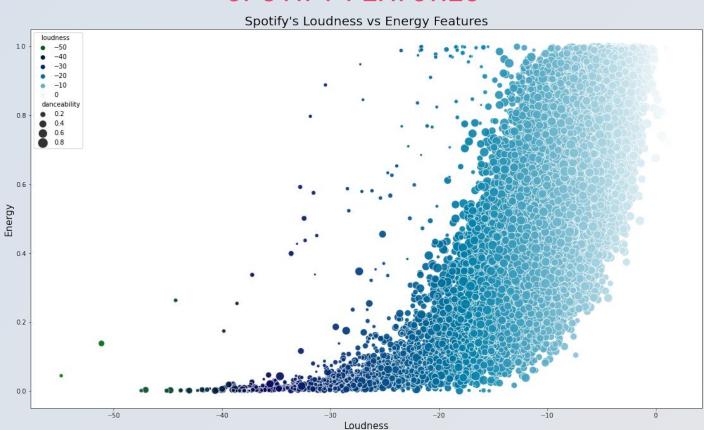
SPOTIFY FEATURES



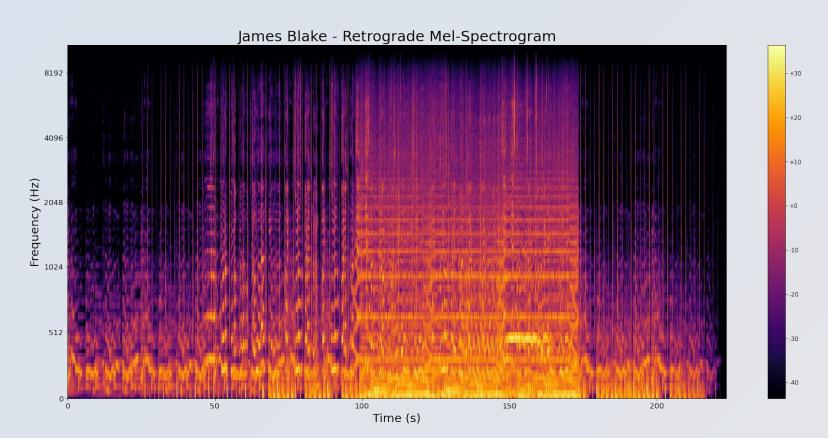
SPOTIFY FEATURES



SPOTIFY FEATURES



SPECTROGRAMS



3

The Product

A recommender system for the working musician



WHERE YOU FIT



The Future

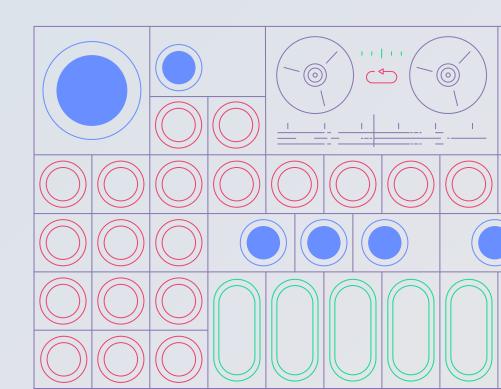
Where are you going?

4

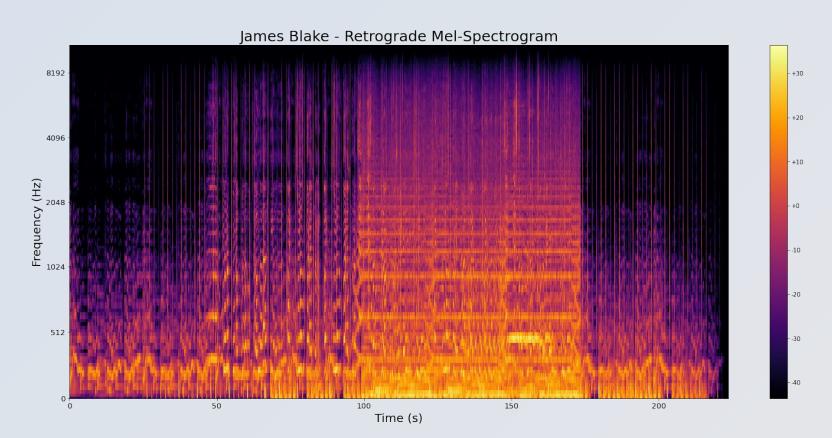


WHAT'S NEXT?

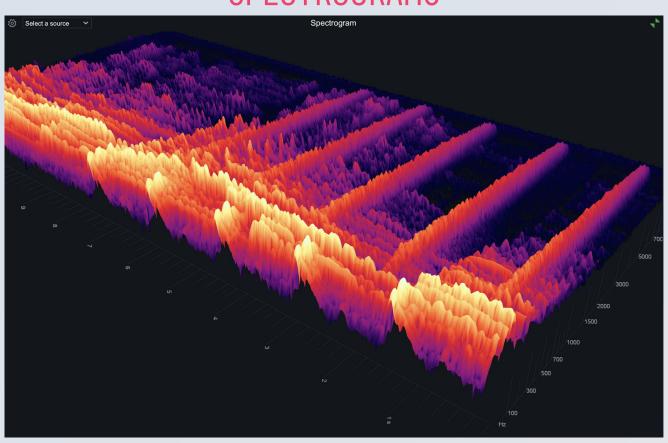
- Reliable metrics
- Building my own dataframe
- A robust recommender
- Global listening trends and demographic data
- A user-facing app



SPECTROGRAMS



SPECTROGRAMS



CONCLUSIONS

