Team: The Music Notes

Project Title: Music Trends Pre- and Post-Covid

Team Members: Michelle Petras, Veethika Singh, Kathleen Snider-Belinski, Carmen Wiggins

Project Description/Outline:

Music, specifically how streaming service(s) performed pre-Covid and post-Covid and analyze any changes in trends that are observed.

What changed? In genres, in artists, # number of streams, by day, by week, by month etc.

Datasets to be used: Kaggle Spotify datasets, and possible API calls

Rough Breakdown of tasks:

1. Perform initial data exploration – all of us.
2. Once we know what can be collected, decide what we want to collect.
3. Create initial Git setup – Michelle
4. Clone Git setup – Veethika, Kat, Carmen
5. Download data set(s) - ?
6. Merge and clean data set(s) via code –
7. Pause, re-evaluate and reassign tasks.

By genre

precovid 01/01/2017 – 03/17/2020

postcovid 03/18/2020 - 2022

Get edit csv

Bar chart sorted by date.

March 17th 2020 is demarcation point.

Data by year, month, etc.

Cleanup genre - Kat

Streams by genre, yearly? Monthly? Veethika

~~NY times API articles? -~~

Total number of streams - Carmen

Top performing artists, pre and post - Carmen

Loudness (Db) Michelle

Tempo (bpm) Michelle

Danceability Michelle

Speechiness Michelle

Energy (0-1) Michelle

~~By region or country? - Veethika~~

~~# of users? - Veethika~~

Is it # of times it is streamed or by unique users?