Sprint-1 Artifact

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Database:

Spotify HUGE database - daily charts over 3 years
- https://www.kaggle.com/pepepython/spotify-huge-database-daily-charts-over-3-years
- Size: 1.64GB
- Files: 2

Known Data:
1. Country (country's chart)
2. Date (day of chart)
3. # position (1-200 position in chart)
4. uri (unique code for each song)
5. track (track and artist)
6. title (song's title)
7. artist (song's artist)

Platform:
Web Application

Programming Languages:
- JavaScript

Frameworks:
- Express, React, Node

Features List:

This database provides us with the top 200 charts of 36 countries over 3 years. We will then use the Spotify API to obtain specific information about the top chart tracks and present patterns that are consistent with tracks of those charts. It will be an investigation into similar elements of top hits like their genres, tempo, speechiness, acousticness, instrumentalness, other information that the API provides, etc. Since the database accounts for 36 different countries, we are also able to implement a feature to allow us to sort by countries/regions/continents so that users can find out what people of different countries/regions/continents prefer in music. After that, we will try to implement another feature that allows us to choose two countries and compare their top charts and the preferences in specific elements in music.