Spotify Music Recommender

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Github: https://github.com/Cagan124/SMU-Project-4

Dataset: We chose a dataset containing Spotify songs with the features of each song such as (key, loudness, tempo, speechiness, danceability and more). Also, we have the title, the artists, and the album name the song is a part of.

https://www.kaggle.com/datasets/maharshipandya/-spotify-tracks-dataset/data

Inspiration: We all enjoy listening to music and are interested and the science behind how we as consumers are recommended songs to listen to.

Inspiration Project: https://www.kaggle.com/code/vatsalmavani/music-recommendation-system-using-spotify-dataset

Tableau Inspiration:
https://public.tableau.com/app/profile/dhiraj8579/viz/SpotifyAnalysis_15935325980560/SpotifyAnalysis

https://public.tableau.com/app/profile/rachel.li/viz/WhatMakesTopSpotifySongsPopular/Main

Roles and Responsibilities:
Tableau: Cagan and Jason
ML (including teaching class about model): Raheem and Josh

ML Prediction: Predict what song the end user would like to hear based upon previous song selections using a KNN model.

Tableau Vizzes: Top Song Charts by Streams, Best Songs to Dance to, Most Energy, Most popular songs in each year, Top Artist by Songs and Streams

- Bar charts
- Sunburst (if possible)
- More to come

Color Palette: Our color palette will follow the theme of Spotify colors