

VIBEZ

THE APP THAT GENERATES A PLAYLIST TO MATCH THE VIBE

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ABOUT THE APP

- Making playlists based on different vibes can be time consuming
- It can be hard to find new music in the spur of the moment
- Vibez instantly generates a random list of 20 songs that match the vibe specified



DATA

- Billboard Hot 100 data plus Spotify features
 - Charted songs from 1958-2019
 - Danceability
 - Acousticness
 - Tempo
 - Etc.



MODEL

- Cluster songs by musical attributes based on K-means
 - Used within sum of squares to determine that using a 13-cluster solution was ideal
 - Defined success as low within sum of squares
 - This was somewhat of a problem; however, for the purpose of this study and for variety in music choice, we chose to proceed



INSIGHTS

- I noticed that the algorithm picked up on “speechiness”, so rap songs were usually clustered together
- No distinct elbow when measuring SSW, so the data may not be a good for clustering

THANK YOU AND BIO

- Thank you to Chloe and Fautso
- Thank you to Jaehoon
- Thank you to my QA, Amanda

- Graduated in 2019 from University of Florida
- Interned at EY last summer and will be working for Google this summer
- Outside interests include music and memes

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