

Spotify Recommendation Engine

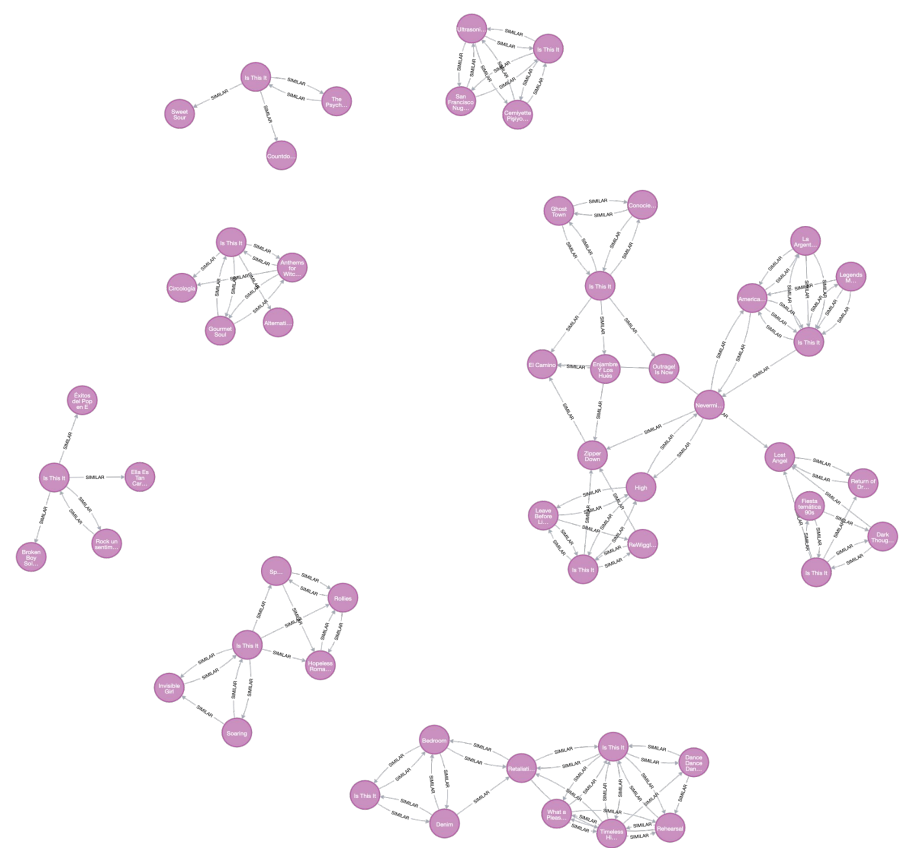
My song recommendation system is designed to discover new music based on the user's preference. By analyzing Spotify's dataset, I focus on songs within the same genre(s) to ensure relevance. Utilizing musical features, I calculated the Euclidean distance between songs, identifying those with the closest musical properties to the target album. Recommendations are unique across artists, highlighting the diversity of options. This method ensures users explore similar yet varied musical landscapes, enriching their listening experience.

Recommendations:

1. Joy Division - Timeless Rock Hits - Love Will Tear Us Apart
2. Arctic Monkeys - Leave Before The Lights Come On - Leave Before The Lights Come On
3. Dark Thoughts - Dark Thoughts - Ain't No Love
4. The Offspring - Americana - The Kids Aren't Alright
5. Conociendo Rusia - Conociendo Rusia - Cicatriz

Similarity Metric:

My similarity metric is grounded in the Euclidean distance across multiple musical features, including danceability, energy, and tempo. This metric quantifies how closely a song mirrors the musical attributes of "Is This It" by The Strokes. A smaller distance indicates greater similarity, ensuring recommendations share a sonic likeness to the target album.



Sincere Apologies - The graph image is very small. Kindly zoom in to see the graph model

Total Nodes: 2000
Total Edges: 10,167