

MUSIC GENOME PROJECT

The objective of the Music Genome Project is to create the most personalized listening experience possible for each individual user by developing an analysis of music. The data is collected by having trained musicologists manually analyze songs and evaluate 450 distinct musical attributes for each track. The data is then used to create a "musical DNA" for each song based on the collected attributes, which powers the recommendation algorithm.

ARTIST TESTING

I chose Radiohead and the five songs were *I Might be Wrong* by Radiohead, a piano rendering of *Where is My Mind* by Maxence Cyrin, *1979* by The Smashing Pumpkins, *Untitled* by Interpol, and *Jigsaw Falling Into Place* by Radiohead. These are all Alternative Rock songs, except for one which is a piano rendering of an Alternative Rock song. The songs recommended are very similar based on their attributes, and there are hundreds of them, so I think they might be using something like a vector database of 450-dimensional vectors. I like songs and I would definitely put these together in a playlist.