

Project Elevator Pitch

Summary:

Create a system for grouping similar music artists based on genre and user listen activity. The end result should be a recommendation system which will provide related artists.

Problem:

At work (*bop.fm*) we have a system in place, provided by a third party, which will provide related songs given a seed song. What is currently missing is the same functionality for artists (i.e. related artists given a seed artist). This is a popular feature among other streaming music platforms and is important in our product offering.

Data Set:

I plan to use internal company data, specifically user listen behavior. In addition, I'll have to fill in some missing genre data which I'll get from a 3rd party API (not sure which yet, maybe iTunes).

ML Problem:

A clustering problem (*i think*) because there is no ground truth and I'm trying to group related objects.