Title

Music Recommender System using Collaborative Filtering Implicit Feedback

Introduction

This project aims to create a recommender system that will recommend new musical artists to a user based on their listening history. Suggesting different songs or musical artists to a user is important to many music streaming services, such as Pandora and Spotify. In addition, this type of recommender system could also be used as a means of suggesting TV shows or movies to a user (e.g., Netflix).

My Contribution

* Clean and index the raw data from Last.fm using Resilient Distributed Dataset(RDD) and MapReduce model.
* Implement the collaborative filtering recommender model using Spark MLlib.
* Evaluate the model by top-K recommendation overlapping rate.

Reference