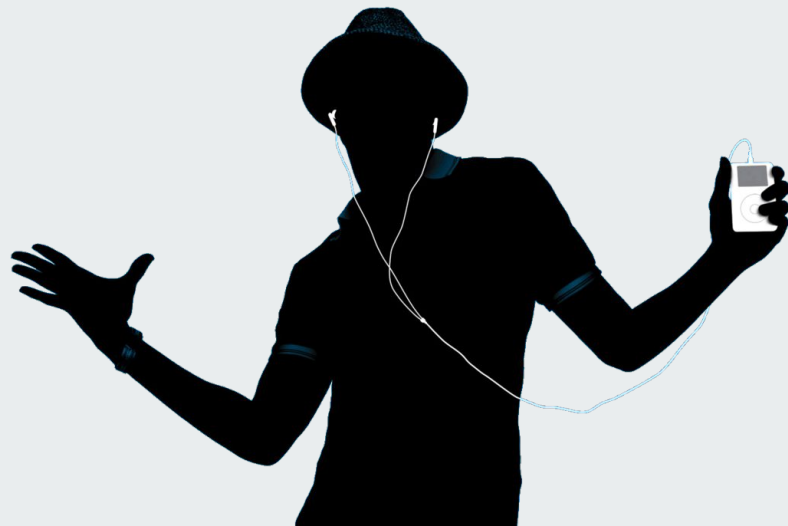




# Music Recommender

Johnny Chiu

Master of Science in Analytics  
Northwestern University





# Motivation

New way to discover new music!

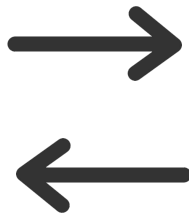


# Data



✖ 2,000

- User ID
- Song ID
- Listen Count



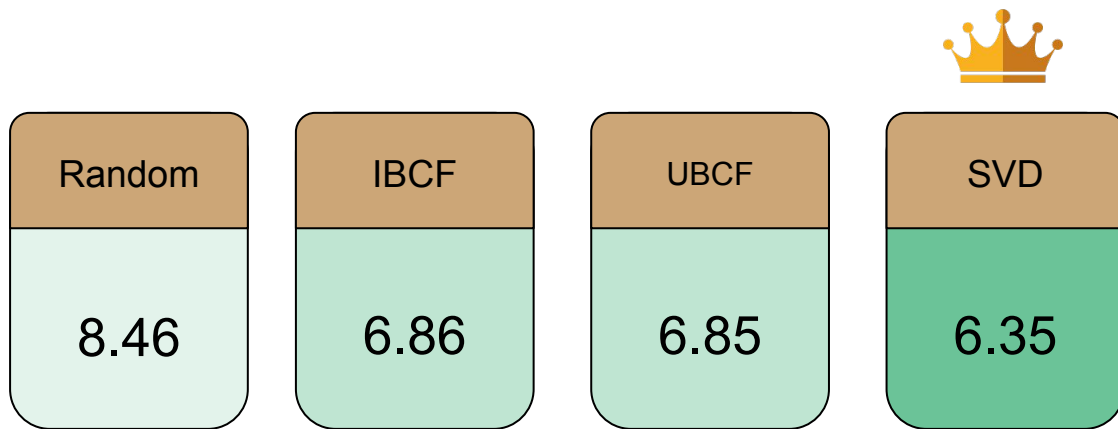
✖ ~9,500

- Song ID
- Song Name
- Artist Name
- Album Name
- Release Year



## Model

Here compare different recommender systems by cross validation root-mean-square error (RMSE)



# Insight



RAMMSTEIN



THE BLACK EYED PEAS



**Thank you**

Johnny Chiu

Master of Science in Analytics  
[johnnychiu@u.northwestern.edu](mailto:johnnychiu@u.northwestern.edu)



**Northwestern  
University**