

MUSIC RECOMMENDATION BY EXPLOITING MUSIC PLAY SEQUENCE

(PROJECT PROPOSAL)

- **Team Name:** Matrix
- **Project Number:** 13
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- **Github Repository:** [Github](#)

- **Problem Definition:** Exploring the effects of music play sequence by developing a music recommendation system by using word embedding techniques. And subsequently boost latent feature discovery and learning.
- **Goal of the project:** The implementation of this model and comparing the efficiency with MF and BMF.

Details

The two main tasks which we have to perform are

- 1) Recommending relevant songs
- 2) Predicting rating of a song

The steps performed in order to do this are :-

- 1) Preprocess Data
- 2) Implement song2Vec to make top-n predictions.
- 3) Using song to vec to create vector representations to be used further
- 4) Using Matrix Factorization to predict the ratings
- 5) Comparing our method with other methods.