

Movielens Project Submission

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1 Introduction

2 Analysis and Methods

$$\hat{r} = \hat{\mu} \tag{1}$$

$$r_{i,j}^{\hat{}} = \hat{\mu} + \hat{b}_i + \hat{b}_j \tag{2}$$

$$\hat{R} = U * V^t \tag{3}$$

$$r_{i,j}^{\hat{}} = \hat{\mu} + \hat{b}_i + \hat{b}_j + \sum_{n=1}^N \sum_{m=1}^M u_{i,n} * v_{j,m} \tag{4}$$

3 Results

4 Conclusion and Discussion