
Recommender Systems

Sai Kiran, Prakriti Sharma, Disha Lamba

School name

Center for Data Science



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1. Preliminary Results

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Popularity Baseline Model - Small Data

RMSE Score: 0.9514038375630494

Popularity Baseline Model - Large Data

RSME Score:

ALS Model - Small Data

RSME Score: 0.7288683021503463

Best Model - Rank = 11, Regularization Parameter = 0.1

User Ratings vs Predicted Ratings ALS Small Data

User Rating	Predicted Rating
1.5	1.588151
3.0	2.9753902
3.0	3.1190891
2.5	2.4207556
2.0	2.1122599
1.5	2.2064915
1.5	2.7468472
3.0	3.2675703
2.0	2.5341253
4.0	2.8120933