Recommendation Systems

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What is a Recommendation System?

Business Value

- Prediction

- Reduce Waste

- Maximize Profits

Methodology

- Import user ratings and movie titles

- Test algorithms

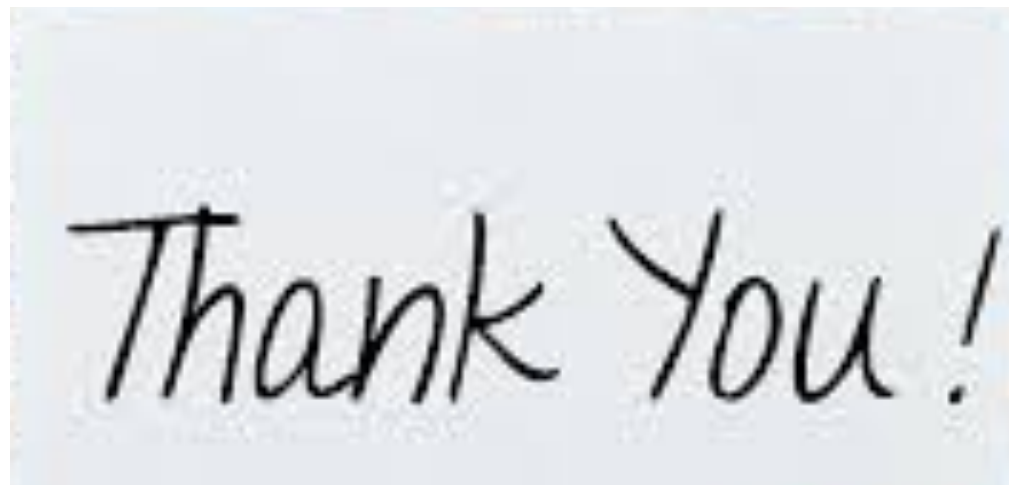- Fit algorithm to data

- Rate movies

Findings

- **1. SVDpp**
  - Best RMSE and MAE score

- **2. SVD**

- **3. KNNZscore**

- **Success!**

Future Work

- Use larger dataset

- Filter out really old movies

- Filter by genre

Thank you!