

Recommender Systems

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What is a Recommender System?

The Netflix logo, consisting of the word "NETFLIX" in a bold, red, sans-serif font, is centered within a black rectangular background.The Amazon logo, featuring the word "amazon" in a white, lowercase, sans-serif font, is centered within a dark blue rectangular background. A curved orange arrow is positioned below the text, pointing from the letter 'a' to the letter 'n'.

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
- 2. SVD
- 3. KNNZscore

Findings

■ Success!

Future Work

- Use larger dataset
- Filter out really old movies
- Filter by genre

Thank you!

