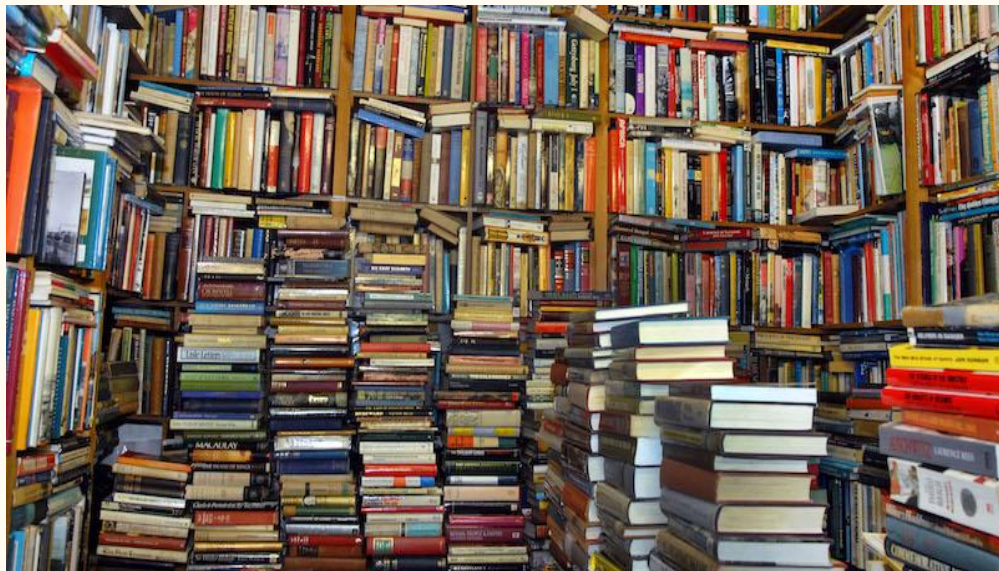


Book Recommender

By **Juan Camilo Salazar** Garcia Tamayo Montes

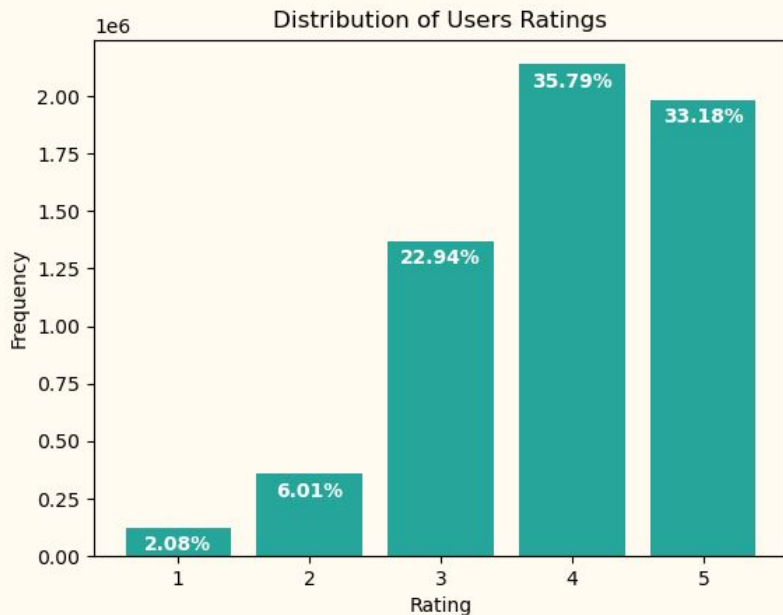
The Quest for the Perfect Book

The abundance of available books and vague categorizations often makes finding an enjoyable read a truly time consuming and frustrating experience.

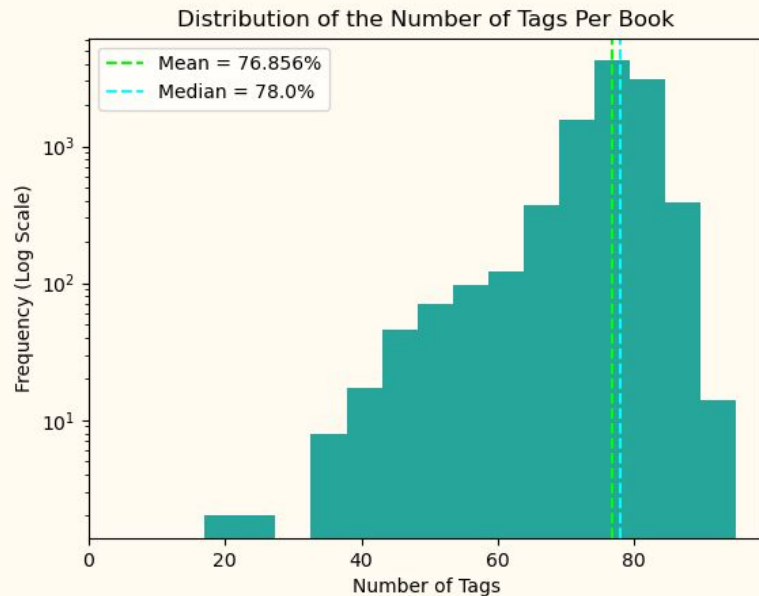


The Data at Our Fingertips: **GoodBooks-10K Dataset**

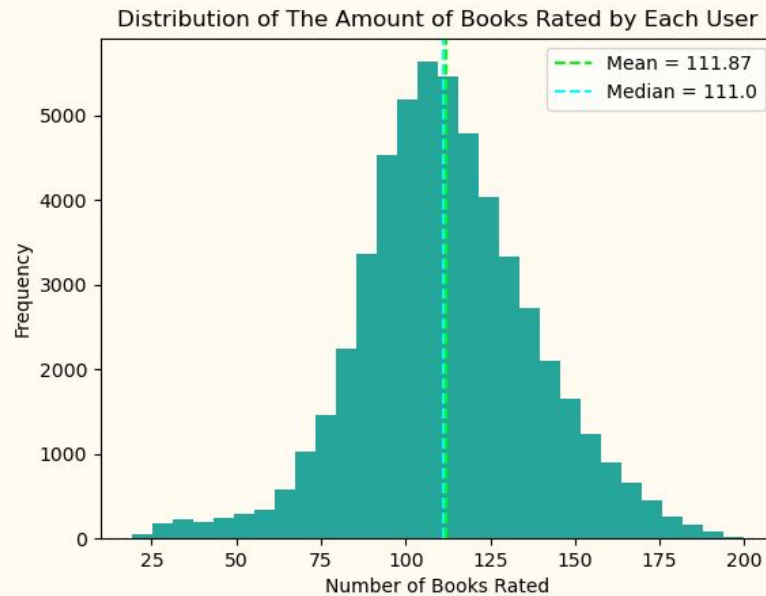
- 10,000 - Books
- 53,424 -Users
- 34,252 - Tags
- 5,976,479- Ratings
- 999,912 - Book Tags



Reading Between the Data Lines

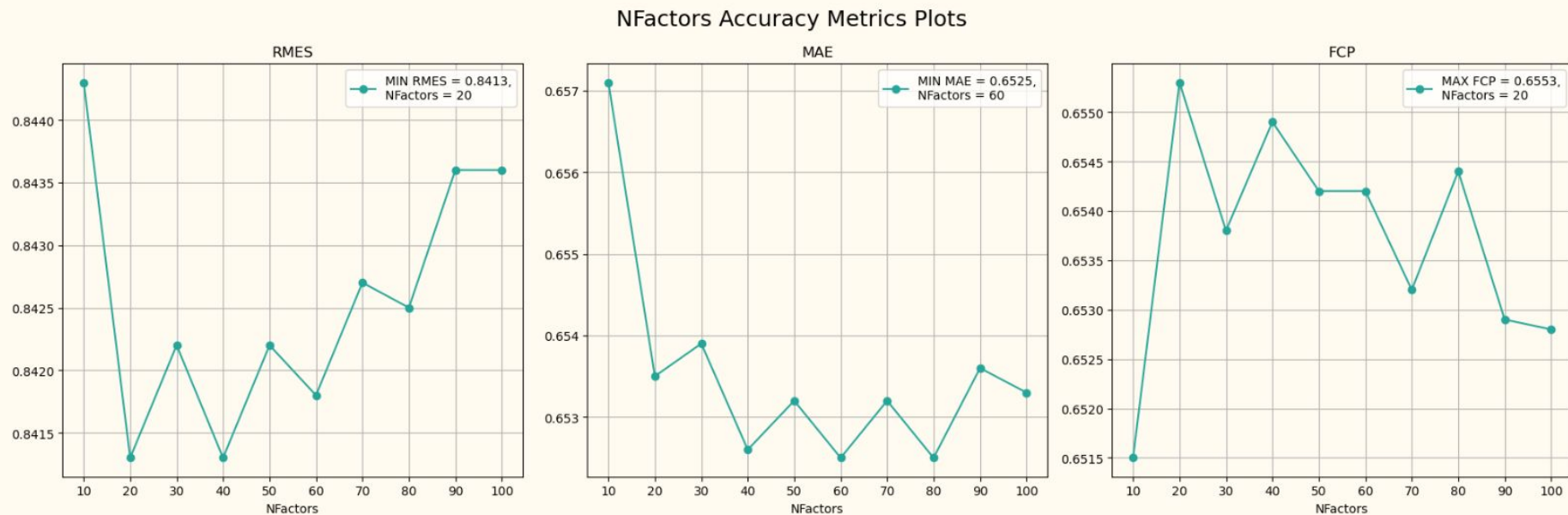


Tags



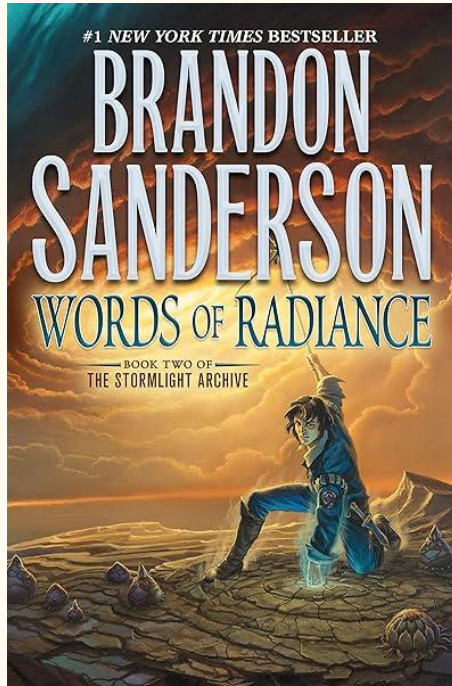
Ratings

Delving Into the World of **Funk SVD**

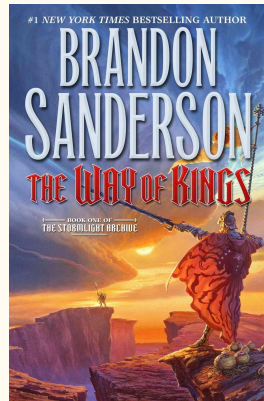


n_factors: 20, n_epochs: 20, lr_all: 0.0075, biased: False

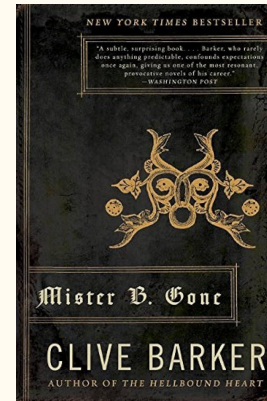
One Small Suggestion for the Reader. One Giant Leap for Recommendations.



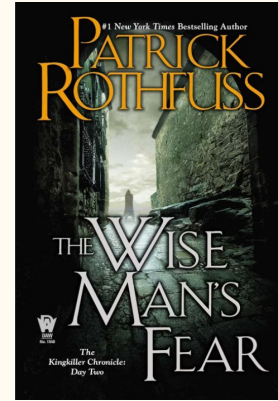
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2

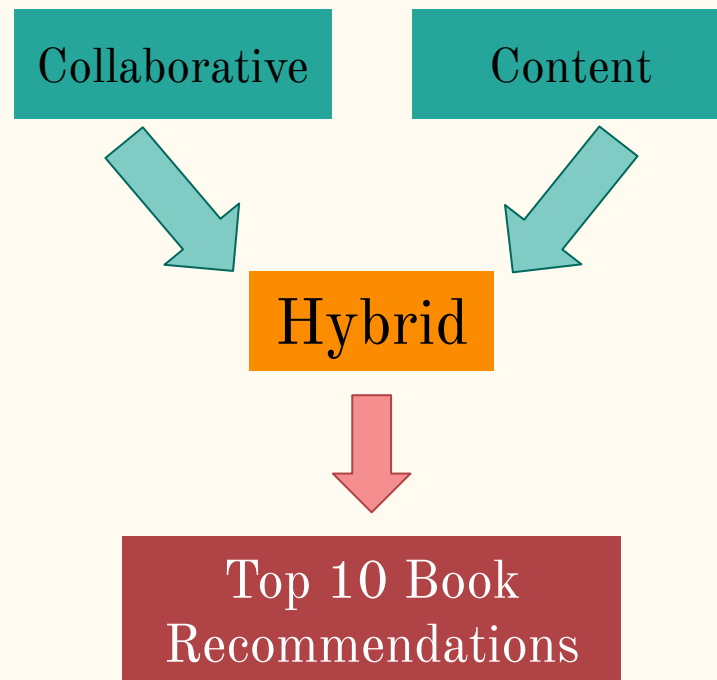


3



Taking Book Recommendations to the Next Level

- Content Based Recommendations
- Hybrid Recommendation
 - Weighted Approach
 - Mixed Approach



Thank You