

# Book Recommender

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# 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.

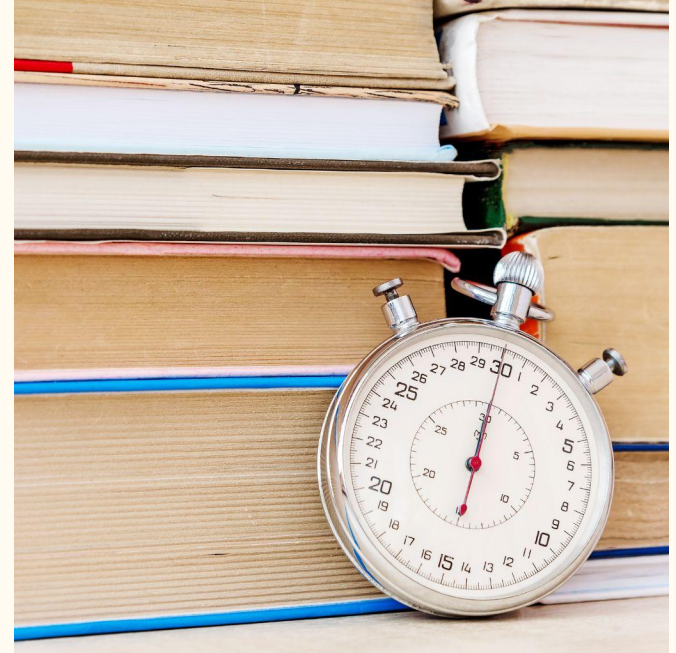


# Empowering Readers: Intelligent Book Recommendations

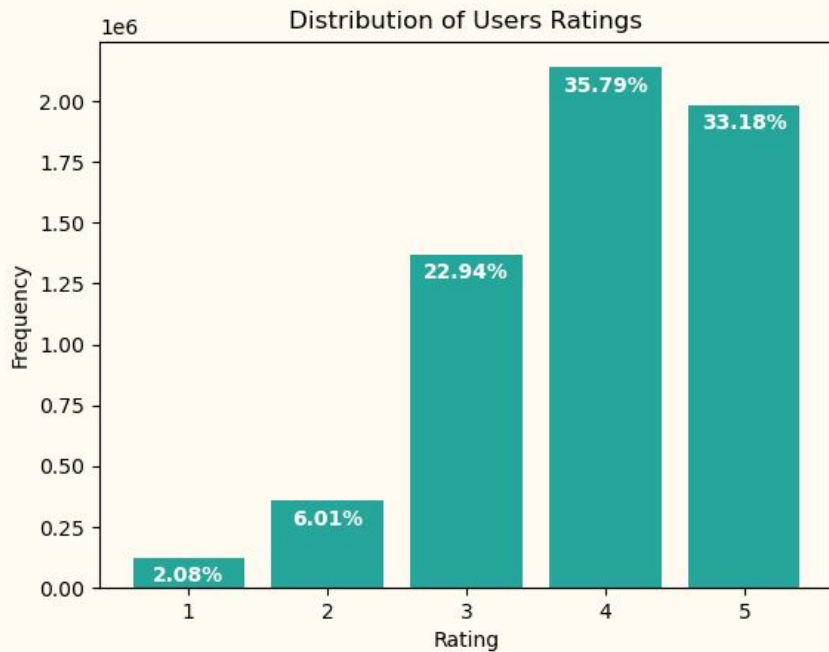
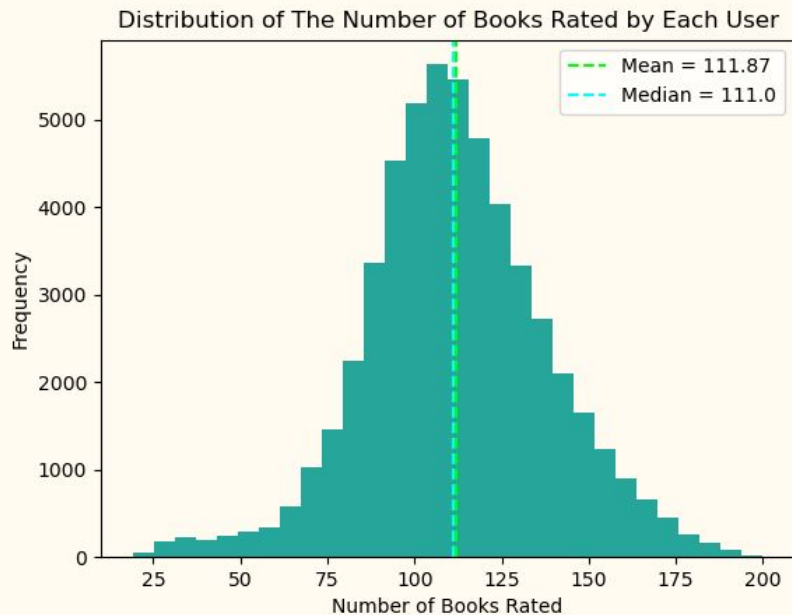
- Create recommendations tailored to individual reader interests and preferences so they can effortlessly find books
- Using collaborative filtering and content-based recommendation approaches.
- Utilize machine learning algorithms such as K-Nearest Neighbors (K-NN) and Funk SVD (Singular Value Decomposition)

# Savings in Time And Boosting Reading Rate

- Reduce Searching Time
- Increased Reading Rate
- Enhanced Book Discovery
- Improved Customer Engagement
- Returning Users



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



# Next Steps A Deep Dive into Modeling

- **Singular Value Decomposition**

- Created User Product Matrix
- Determine the Latent Features
- Rebuilt the Matrix
- Compare Similar Books

