



Project Proposal

Course Code: CS4053

Course Title: Recommender Systems

Section: BCS-8A/8B

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LetterBookxd | A Book Recommender System

Introduction:

LetterBookxd will develop a book recommendation system using content-based and collaborative filtering techniques. Leveraging the Goodreads book review dataset, the system aims to provide personalized recommendations, enhancing the user reading experience.

Dataset:

The "Goodreads Book Review" dataset comprises diverse user reviews and ratings for various books, enabling comprehensive analysis for personalized recommendations.

Source: [Goodreads Books Dataset | Kaggle](#)

Ratings:

Utilizing user ratings and reviews, the system will generate tailored book recommendations, considering user preferences and past interactions.

Techniques:

- **Content-Based Filtering:** Recommends books based on attributes like genre, author, and user preferences.
- **Collaborative Filtering:** Identifies user behavior patterns to suggest books enjoyed by similar users.

Undertaking:

We pledge to develop LetterBookxd with integrity, ensuring no engagement in dishonest practices. Our goal is to deliver a high-quality recommendation system that respects user privacy and offers diverse reading choices.