BOOK RECOMMENDATION SYSTEM

Problem Statement

A book recommendation website faces the challenge of providing accurate and personalized book recommendations to users due to limited user data, limited understanding of user preferences, and the overwhelming number of books available. This can result in users receiving irrelevant recommendations, becoming disengaged with the website, and ultimately not finding books that match their interests, leading to a negative user experience.
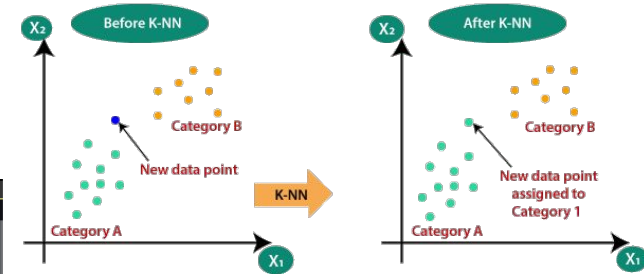
Solution

BookCrossing is an online platform that allows users to share and read books by connecting with other users from the platform. The first set of recommendations that you see are based on your previous books and suggest your favorite authors.

About recommendation

We use KNN,The k-nearest neighbors algorithm, also known as KNN or k-NN is

- non-parametric
- supervised learning classifier

which uses proximity to make classifications or predictions about the grouping of an individual data point.
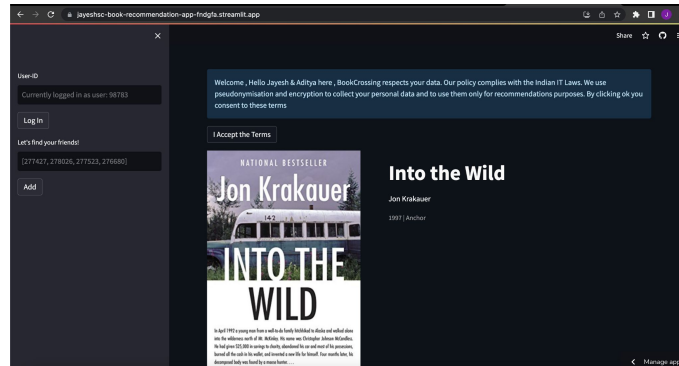

Benefits

- Encouraging Reading
- Promoting Cultural Diversity
- Supporting Independent Authors
- Reducing Environmental Impact
- Enhancing Social Connections

Hosted :
https://jayeshsc-book-recommendation-app-fndgfa.streamlit.app/

Github :
https://github.com/jayeshsc/Book-Recommendation

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