

Book Recommendation System

A ML Project.

Team Members:

- عمار محمد جوده علي بركات - سكشن 4
 - عبدالرحمن فكري البسيوني - سكشن 4
 - علي أحمد الحصري - سكشن 4
-

Introduction:

A machine learning tool to recommend books based on a user's favorite genres or most-read titles, helping them discover more books that align with their tastes.

Problem Statement:

Book lovers often have one or two favorite genres or cherished books they keep revisiting, creating a literary comfort zone that inspires them to seek out similar reads.

This comfort zone becomes especially valuable when choosing their next book, helping them avoid spending money on something they might not enjoy.

Goals:

- **Feature Extraction:** Extract relevant features like title, author & category.
- **Recommendation:** Discover the similarity between the books and the features of each user's favorite books, to recommend the most similar books.

Related Work:

- [Personalized Book Recommendation System using Machine Learning Algorithm](#)

- [A content-based recommender system for computer science publications](#)