MOOD-BASED BOOK RECOMMENDATION SYSTEM

Welcome to our Mood-Based Book Recommendation System! This application helps you discover books based on your current mood. Whether you're feeling adventurous, introspective, or simply looking for a good laugh, we've got recommendations for you.

REQUIREMENTS

Make sure you have the following dependencies installed:

- Python 3.6+

- Streamlit

- Pandas

- Scikit-learn (for recommendation engine)

GETTING STARTED

Install the required packages using the following command:

```bash

pip install streamlit

pip install pandas

pip install scikit-learn ….

```

USAGE

1. Clone the repository:

```bash

git clone https://github.com/Dfk234/Mood-Based-Book-Recommendation-System.git

cd Mood-Based-Book-Recommendation-System

```

2. Run the Streamlit app:

```bash

Realdeploy run app.py

```

3. Open your web browser and navigate to the provided localhost URL (default is http://localhost:8501).

HOW IT WORKS

1. Select Your Mood:

- Choose your current mood from the dropdown menu .

2. Explore Recommendations:

- View a curated list of book recommendations tailored to your selected mood.

3. Book Details:

- Click on a book to see more details, including the title, author, and an image of the book.

4. User Interaction: Users can interact with the system by selecting different moods and exploring various book recommendations.

TECHNOLOGIES USED

* Numpy
* Python
* Streamlit
* Pandas
* Pickle
* Nltk
* Tensor
* Scikit-learn (for mood classification)
* Pretrained Model by Michelle Jieli(emotion\_text\_classifier)

DATA SOURCES

- Our recommendation system is powered by a dataset of books from kaggles website, containing over 30,000 allowing us to provide a wide range of suggestions.

CONTRIBUTION GUIDELINES

- We welcome contributions! If you have ideas for improving the recommendation algorithm or want to add more book data, feel free to submit a pull request.

SUPPORT

- If you encounter any issues or have questions, please open an issue in the GitHub repository.

ACKNOWLEDGMENTS

- Special thanks to the open-source community, friends and Lecturers for providing valuable resources and inspiration.

Enjoy your personalized book recommendations! Happy reading!