

InkLight

A Book Reviewing Website

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Outline

- 1 Overview
- 2 Tools
- 3 Techniques
- 4 Video

Objective

Make people more engaged with books and help analyze book reviews more easily.

Key Features:

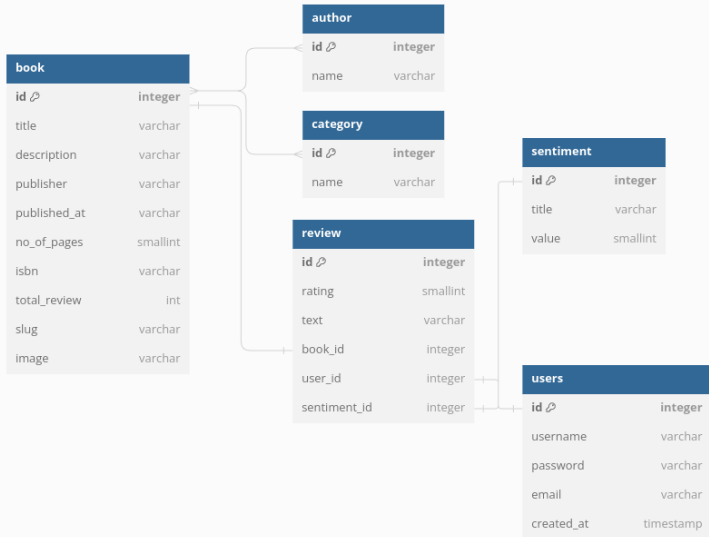
- Review System
- Searching
- Review Sentiment Analysis

- 1 Backend Framework: Django
- 2 Frontend CSS Framework: Bootstrap
- 3 Database: Sqlite
- 4 Version Control: Git & Github

Techniques

- Dataset Preparation
- Book Search Implementation
- Sentiment Analysis

Dataset Preparation



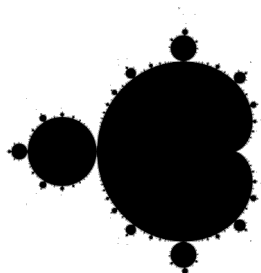
Sentiment Analysis

Common Libraries

NLTK, TextBlob, spaCy,
RoBERTa

My choice

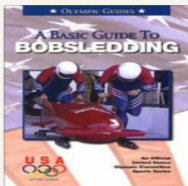
TextBlob



TextBlob

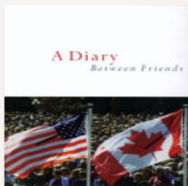
All Books

1 2 3 4 5 6 7 8 9 10 11 12 13 14 » »»



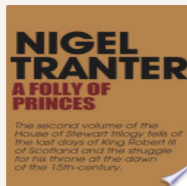
A Basic Guide To Bobsleddin...
Us Olympic Committee

[View Details](#)



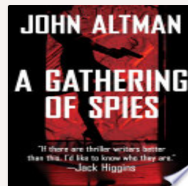
A Diary Between Friends
Canada, Alliance Atlantis (Firm)

[View Details](#)



A Folly Of Princes
Nigel Tranter

[View Details](#)



A Gathering Of Spies
John Altman

[View Details](#)



- Recommender System Implementation
- More Accurate Sentiment Analysis
- Bangla Natural Language Processing

Conclusion

Project Codebase: <https://github.com/ahmed-kaif/inklight>

