

SHARE A BOOK



BookShare 2.0

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Step:1 (using Python libraries, jupyter notebook, API's)

- ❑ Create dataset using available API's:
 - ❑ Google Books- for book list based on categories ie. Fiction/ Non Fiction
 - ❑ GoodReads: utilize google books results to get reviews/review counts/average reader ratings etc.

Step:2 (using Python libraries, jupyter notebook, PostgreSQL,)

- ❑ Data Cleaning/Transformation:
 - ❑ remove unwanted fields from API call and append it to get the required fields for analysis
- ❑ Data Loading:
 - ❑ store cleaned data to PostgreSQL DB

Step:3 (using Python libraries, PowerBI, D3.js, Flask, ML)

- ❑ Data Analysis: Preliminary analysis of available book data : Best selling books/authors/categorical breakdown of books etc.
- ❑ Visualisations
- ❑ Machine Learning: Model to provide recommendation to user based on book searches.