**Book Recommender System**

We have 3 pre-defined datasets

1. books.csv
2. ratings.csv
3. users.csv

In **books.csv** there are 271360 books along with their information.

In **users.csv** there are 278858 users along with their information.

In **ratings.csv** there are 1048575 ratings along with their information.

**The metadata of books.csv:**

**ISBN, Book-Title, Book-Author, Year-Of-Publication, Publisher, Image-URL-S, Image-URL-M, Image-URL-L**

**The metadata of users.csv:**

**User-ID, Location, Age**

**The metadata of ratings.csv:**

**User-ID, ISBN, Book-Rating**

**Popularity Based Recommender System:**

We wouldn’t use any complex formula over here. We’ll be going to show top 50 books with highest average rating, but we’ll consider only those books which have got a minimum number of 250 ratings from users.

**Collaborative Filtering Based Recommender System:**

We have so many users in our dataset, who have given ratings on those books. In this algorithm we’ll consider those users who have given more than 200 ratings on books as an experienced user or book-knowledgeable person and those books which have got more than 50 ratings from 50 different users will be considered.