**Book Rental Recommendation**

The objective is to recommend books to a user based on their purchase history and the behaviour of other users.

**Dataset description:**

**BX-Users:**It contains the information of users.

* user\_id - These have been anonymized and mapped to integers
* Location - Demographic data is provided
* Age - Demographic data is provided

If available, otherwise, these fields contain NULL-values.

**BX-Books:**

* isbn - Books are identified by their respective ISBNs. Invalid ISBNs have already been removed from the dataset.
* book\_title
* book\_author
* year\_of\_publication
* publisher

**BX-Book-Ratings:** Contains the book rating information.

* user\_id
* isbn
* rating - Ratings (`Book-Rating`) are either explicit, expressed on a scale from 1–10 (higher values denoting higher appreciation), or implicit, expressed by 0.