**Books Recommendation System**

**Project Summary :**

This project is about to recommend books to the customers based on their purchase history.

The steps performed in this project are:

1. Data collection

2. Feature extraction

3. Dimensionality Reduction

4. Data Visualisation

5. Data analysis & drawing insights from it

6. Train the model using item\_similarity\_recommender

7. Evaluation of the output

**Columns description in dataset :**

The dataset consists of 5 columns namely S.NO,Submitted Time,Name,selected book,Number of Quantity

* S.NO - Serial Number
* Submitted Time - Time at which product is submitted
* Name - Name of the customer
* select book - Name of the book
* Number of quantity - Quantity of the book purchased by the customer

**Note :** Feature extraction is performed later to create new column named as **zoner** which describes the category type of that particular book

**Libraries Used :**

* Turicreate
* Seaborn
* Matplotlib
* Numpy