Project: Capstone Project 1: Data Wrangling

Project Name: Books Recommendation System.

DataSet.

- 1. BX-Books:-Contains books details like Title and book id(ISBN).
- 2. BX-Users:- Contains Users details with name and their ID.
- 3. BX-Book-Ratings:-Contains details of userid with ratings given to Books.

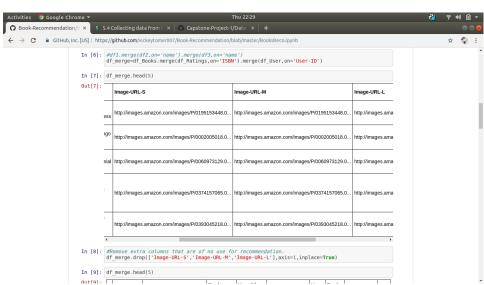
1. How did you deal with missing values, if any?

There are Two main steps for Data Cleaning are:-

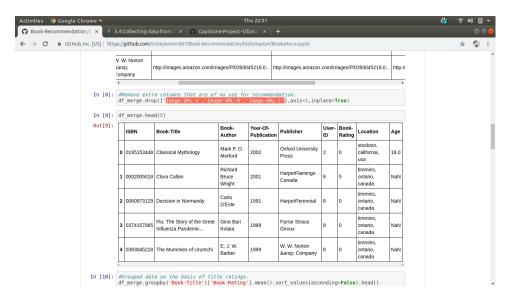
- a. Handling missing values or null(NaN) values.
- b. Finding and Removing Outliers.

Here in my data set i have some of the columns that are of no use in Recommendation like:-

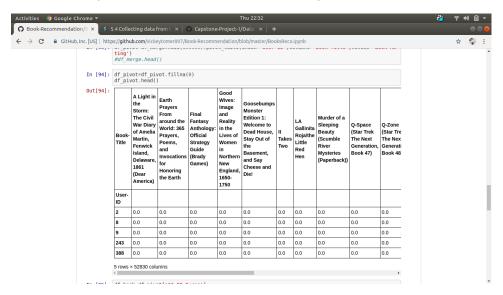
'Image-URL-S','Image-URL-M','Image-URL-L' as in below image.



I have removed all the above columns for more dataSet clearity.



2. While pivoting the data there are number of columns that has no ratings are coming as NaN for them i have replaced them with the 0 so that i easily can calculated correlation matrix.



3. Dealing with outliers basically the book having less user ratings are outlier here in my case but this is not the right way may be the book published is very new but here i have selected only the

books having more the 100 user's ratings.

