\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Ensure the following libraries are installed on the machine:

Python==3.7

Scikit-learn==0.19.1

Scipy==0.19.1

Pandas==0.23.4

Numpy==1.15.4

Matplotlib==2.1.0

Pickle==4.0

nltk==3.4.1

networkx==2.3

stemming==1.0.1

Folder Structure:

Data

-amazon-meta.txt

Preprocessing

-Preprocessing (py, ipynb)

Algorithms\_Implementation

-books\_recommend (py, ipynb)

Project\_Report\_Group\_12

Project\_Presentation\_Group\_12

README.doc

\*\*\*\*\*\*\* Loading Submission Files\*\*\*\*\*\*\*\*

Step 1: Unzip the file "Project\_Group\_12"

NOTE: Ensure all scripts and data are in the same folder before starting the execution

\*\*\*\*\*\*\* Preprocessing \*\*\*\*\*\*\*

Step 2: Load "Preprocessing.py" file in Jupyter notebook

\*\*\*\*\*\* Model Building \*\*\*\*\*\*\*\*

Step 3: Load “books\_recommend.py” file in Jupyter notebook

Step 4: Run the entire script

NOTE: Ensure the two “amazon-books-copurchase.edgelist” and “amazon-books.txt” files are generated in the Preprocessing step before continuing with further steps.

\*\*\*\*\*\*\*\* Additional Technique Tried \*\*\*\*\*\*\*

Step 5:

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