Assignment#5(Recommender Systems)
15 Points
Due Date: 14 April 2023

Instructions:

Q1. Explain the difference between Collaborative filtering and Content-Based filtering. **(Points:5)**

Q2.
Build a Collaborative Filtering for book recommendation using KNN, with distance matric cosine similarity. Instruction in the jupyter notebook file. **(Points:10)**

Submission Format: In the DC Connect, post the following:

1. A word document with answers to question 1.
2. A ran jupyter notebook file for question 2. Use the markdown cell in jupyter notebook to explain your findings. Use the Code cell in jupyter notebook to write the python code.
   [Any submission other than the format of a notebook file(.ipynb) will be graded to zero.]

Academic Integrity and Late submission:

Assignments are due by the due date announced in class and posted on DC Connect. At his or her own discretion, and depending on the nature of the assignment, each professor will provide a facility for the submission of late assignments up to a maximum of 72 hours after the assignment due date. All allowed late submissions will be assessed a penalty of 25% of the total possible grade for the assignment. Assignments should be submitted on time, on a regular basis, to enable you to stay on track within the class.

Any violation of academic integrity will not be accepted and will be given a grade of zero (0) and reported. Find more information on academic integrity here

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