

CS 6220: Homework 3 write-up

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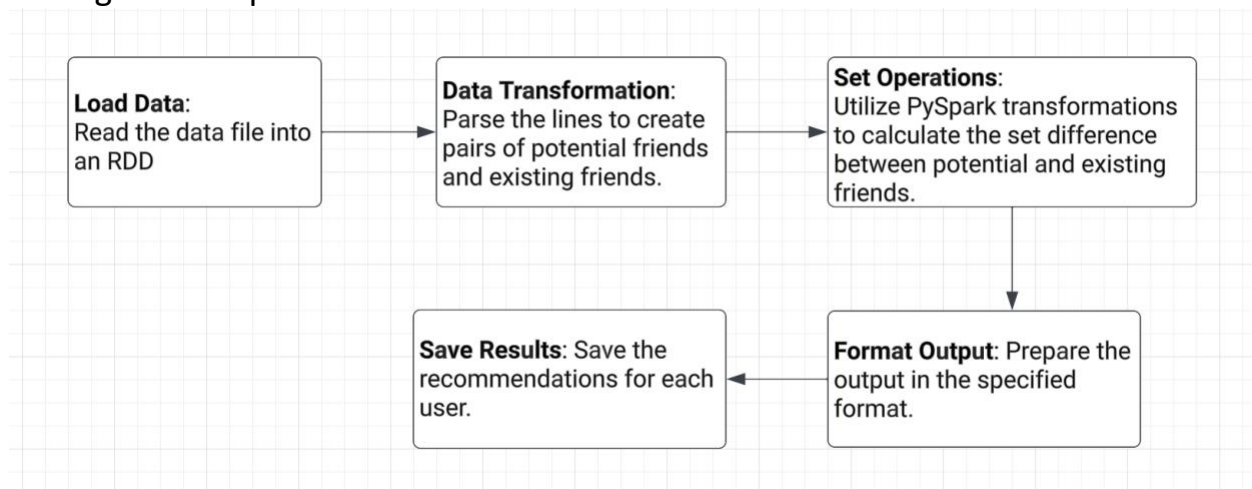
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1. Description of Pipeline

First, I created pairs of potential friends and pairs of existing friends according to each user's friends list. Then I calculated the set difference between potential friends and existing friends.

Finally, I formatted the output and saved the results.

2. Diagram of Pipeline



3. the recommendations for the users with following user IDs:

924, 8941, 8942, 9019, 9020, 9021, 9022, 9990, 9992, 9993.

924	439, 2409, 6995, 11860, 15416, 43748, 45881
8941	8943, 8944, 8940
8942	8939, 8940, 8943, 8944
9019	9022, 317, 9023
9020	9021, 9016, 9017, 9022, 317, 9023
9021	9020, 9016, 9017, 9022, 317, 9023
9022	9019, 9020, 9021, 317, 9016, 9017, 9023
9990	13134, 13478, 13877, 34299, 34485, 34642, 37941
9992	9987, 9989, 35667, 9991
9993	9991, 13134, 13478, 13877, 34299, 34485, 34642, 37941