MSIA 430 : Introduction to Software Tools for BI

Spring 2023 Quarter

Project #1

due: Wednesday, April 19 (11:59PM)

Your first project requires you to just play a little bit more with the lab practices that you had for GraphDB/Neo4j. It is a twist of one of the example that we discussed in class (detecting (+counting) co-workers with same skills) and the lab-example (movies). You can use the publicly available neo4j sandbox: https://neo4j.com/sandbox-v2/# and open a bland sandbox. You objective is to:

1. Populate the database (i.e., execute the sequence of CREATE statements available in the accompanying file on Canvas)
2. Write the Cypher-statement for the following queries:
    - Which class/lab should Liu be recommended to take?
    - What is the confidence (i.e., COUNT) for a particular class/lab?

Notes: You cannot recommend Liu to take a class/lab that he is already taking/teaching.

What to turn in:
1. Plain .txt file with the query-statement;
2. Screenshot with the answer

Put them together in a folder called Project$_<YourName>. zip that folder and upload it at the Canvas.

As mentioned – this is team-project and each of you already has a team-mate. Please make sure to put the names of both team members with the submission.

Good luck.