DAT475 / DIT930 Advanced databases

2021-2022, Study Period 4

Assignment 4

Task description

In this assignment you will:
- Take data from a relational database (stored in a set of CSV files) and load the data into the graph database Neo4j.
- Query the data using Cypher.

A set of eleven CSV files are given on the Assignment 3 page in Canvas. These files contain data that conform to the relational schema that is described in the Assignment 1 task description.

If you prefer, rather than using the original CSV files, you may use any of the files that you generated in Assignment 3.

Submitting work

You should submit:

- A PDF report that:
  - Describes how you approached this task.
  - Describes any decisions or assumptions that you made when producing load files for Neo4j.
  - Gives cypher queries that answer the questions that are given on the Assignment 4 page in Canvas.
  - Summarises the results obtained when those queries are executed.

- Any programs or scripts that you produced to generate data for loading into Neo4j.

In each file that you submit, give the names of the people submitting the work and your assignment group number (as given in Canvas).

Deadline: Tuesday 24 May 2022 at 23:59.