INFO8000

Assignment 2

1. Create an Entity-Relationship Diagram (hand-drawn is fine, or use powerpoint/or some other graphics tool)

* This should be something unique and of interest to you (e.g. for a research project). It should not be something that is just available on the web.
* This should be somewhat complex, involving several entities (min 5), relations (min 5), and relationship complexity (at least 1 M-N relation)

1. Create a jupyter notebook that:

* Creates a local SQLite database that reflects your diagram accurately, and maintains consistency (e.g. has proper primary keys and foreign keys) through inserts and deletes.
* Adds data to your database (locally is fine, or from some set of files). There should be enough data to make queries relevant.
* Performs queries on your database that demonstrates your ability to use “SELECT” statements with JOIN” statements between tables. (minimum 5 relevant queries)

1. Turn into ELC, your diagram and Jupyter Notebook, as with Assignment 1.