

# Lab exercise part 2

Semi-structured data, XML and RDF

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1. Updated the generate\_data.sql script to add another expert to meet the query requirements of the questions in part 2.
2. Same as above
3. **SQL**

We couldn't create SQL query for question e. This requires a procedure to work in SQL.

### **XML**

Can't find any XQuery suitable for this, but maybe functions could be of some use here. We couldn't get anything to work though.

4. We find SQL easiest to use as it have more constraints it will give you more feedback when an error has occurred. We're both much more familiar with SQL as well. It feels like SQL query is more expressible than the XQuery. Data that were directly related to a certain object could be stored directly on that object instead of a relational table, even though it was a collection of objects such as recommendations. SQL doesn't support multiple values, read array, as an attribute in a row.