Polyglot Persistence and Big Data
Program: *Software Development and Business Information Systems*
2018-2019, 2nd Semester

Mini-Project (PostgreSQL ->) MongoDB

Given the PostgreSQL database you created and populated last semester (*Database Logic*... course)….

- Change the database structure (mapping relational tables to (a smaller number of) MongoDB collections)

- Export PostgreSQL content as `.js` script to be executed in mongo shell for creating/populating MongoDB collections. Follow the model (only the `nested` scenario) presented on GitHub:
https://github.com/marinfotache/Polyglot-Persistence-and-Big-Data/tree/master/04%20JSON%20Data%20Management%20in%20SQL%20Data%20Servers.%20PostgreSQL/mini%20case%20study%20-%20sales

- Based on the JSON file generated in the previous step, create a MongoDB database with appropiate collection (again, we are not interested in the `flat` (table-to-collection) scenario, but one of many `nested` scenarios.

- State the same or similar 12 requirements (as was the case for the *SQL-to-`tidyverse`* 1st Team Assessment) for which MongoDB queries (Aggregation Framework) will be written and run

Of the 12 solutions, each team member will present 4 (every team member must present and be prepared to answer additional questions about the team solutions).

Higher points will be granted according to solutions validity, “finesse” and relevance, and also to non-similarity (when possible) with examples presented on lectures, portal and tutorials.

As the points are awarded to the entire team, I would strongly suggest you to collaborate.