

Dhruvik Patel

MongoDB Mini-Project

CS336

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There were so many differences between MongoDB (NoSQL) and MySQL (SQL). I personally found MongoDB easier to use in some instances and harder in others. For example a simple `Select * From Reviews Where condition` could take so many steps in the aggregate function in MongoDB. There is a pipeline that needs to be followed in MongoDB so it would run down the pipeline from the top of the query to the bottom, which I found easier to use but sometimes the pipeline can get confusing. The use of all the `{ }` also made it sometimes to read the pipeline. In MySQL, we were supposed to use a lot of subqueries which made things difficult at first, but starting from the inside and working outside did make thing little easier because it broke down the queries. It just made it easier to think about the queries if we are working inside out. Overall, I think both MongoDB and SQL have their perks and drawbacks. Depending on what you are trying to achieve, one would be better than the other. For example, large data such as the TripAdvisor data worked so much better on MongoDB than it did on MySQL. Because of that reason, MongoDB was easier to work with.

All the output files for MongoDB and the SQL dump was uploaded to my GitHub. The link is provided below:

<https://github.com/dhruvik28/MongoDB>

This was done because the .json files and the SQL dump are too large to upload to Sakai.