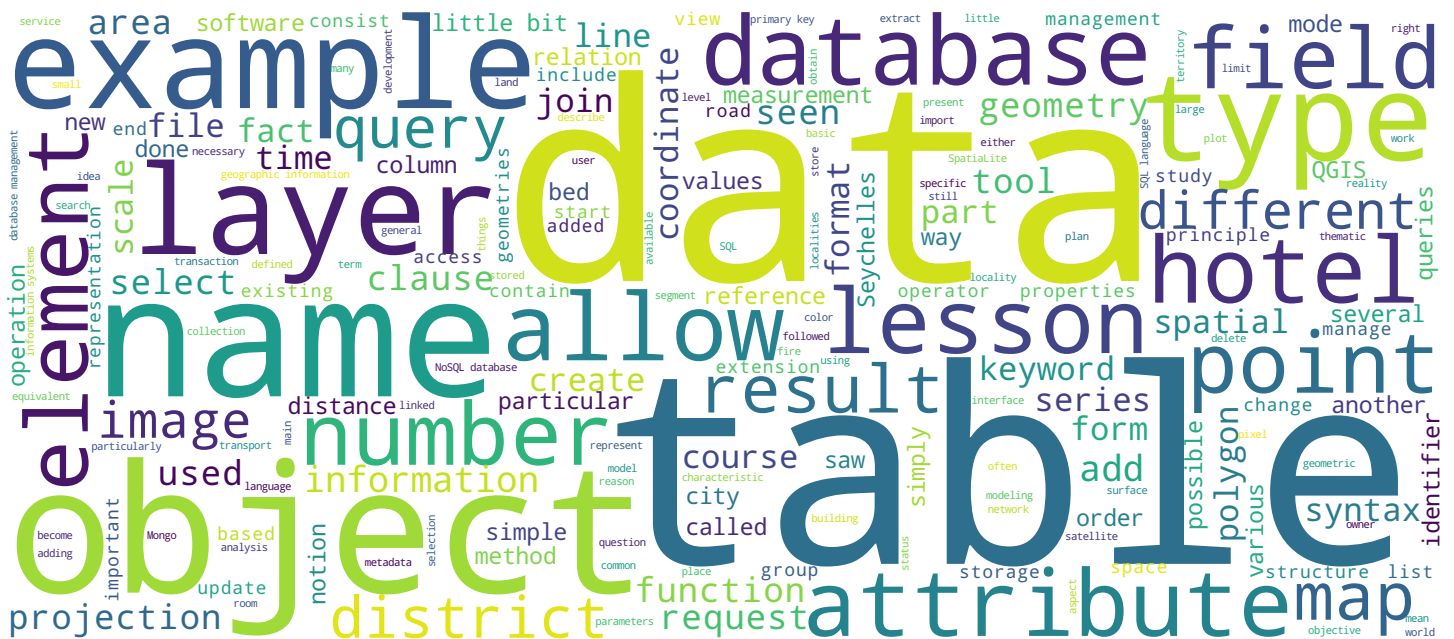


# Summary

## NoSQL databases

# An Introduction to Geographic Information Systems

**Stéphane Joost, Marc Soutter, Fernand Kouamé, Amadou Sall**



## Search MOOC



## Video



## In summary



In this lesson, we explored a little bit the world of NoSQL databases. We have seen a little bit for what reasons these databases had been developed as an alternative to the relational model. We saw that there are four main types of NoSQL databases characterized by the way they manage the storage of information. Then we talked a little bit more about the characteristics of MongoDB which is a document-oriented database. We saw how the data was managed, how we manage schematization, the structuring of the information. We have seen how to handle joins and that sort of thing. And to conclude we have taken some examples of implementation of the main functionalities of data query, of data insertion, of updates, of query, by comparing the SQL world syntax with the syntax used in a software like Mongo to reach the conclusion that, although things are quite different, in reality it is quite easy to transition from one to the other. So this was the last lesson of this first part of the course. I would like to take this opportunity to congratulate all of you who have followed me until now. Congratulations.

Notes

Summary



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