



Multi-Model Databases

In this lesson, we will talk about the multi-model databases.

We'll cover the following



- What are multi-model databases?
- Popular multi-model databases

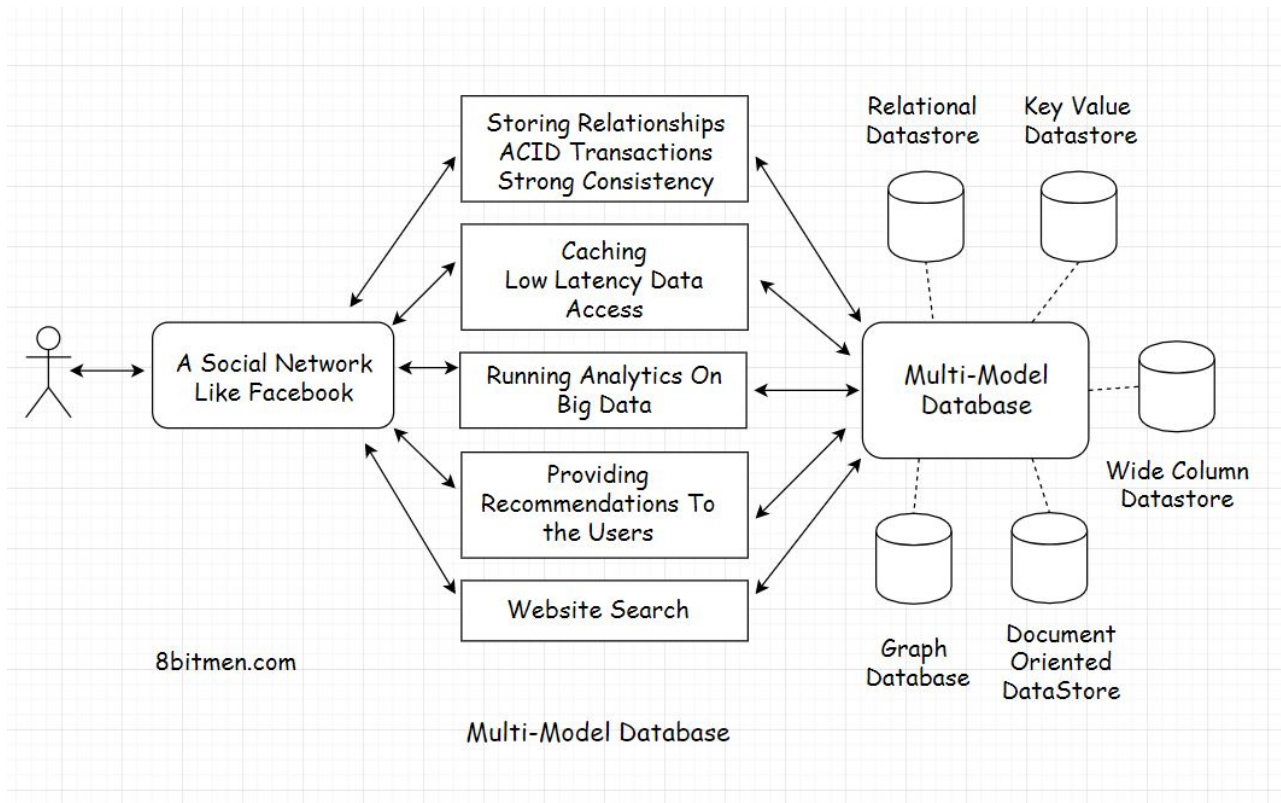
What are multi-model databases?#

Until now the databases supported only one data model. It could either be a *relational database*, a *graph database* or any other database with a specific data model.

However, with the advent of *multi-model databases*, we have the ability to use different data models in a single database system.

Multi-model databases support multiple data models like *Graph*, *Document-Oriented*, *Relational*, etc. as opposed to supporting only one data model.

They also avert the need for managing multiple persistence technologies in a single service. They reduce the operational complexity by notches. With multi-model databases, we can leverage different data models via a single API.



Popular multi-model databases#

Some of the popular multi-model databases are *ArangoDB*, *CosmosDB*, *OrientDB*, and *Couchbase*, etc.

So, by now, you are clear on what NoSQL databases are and when to pick them.

Now we will cover the concepts like *eventual consistency*, and *strong consistency* that are key to understanding distributed systems.

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