

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

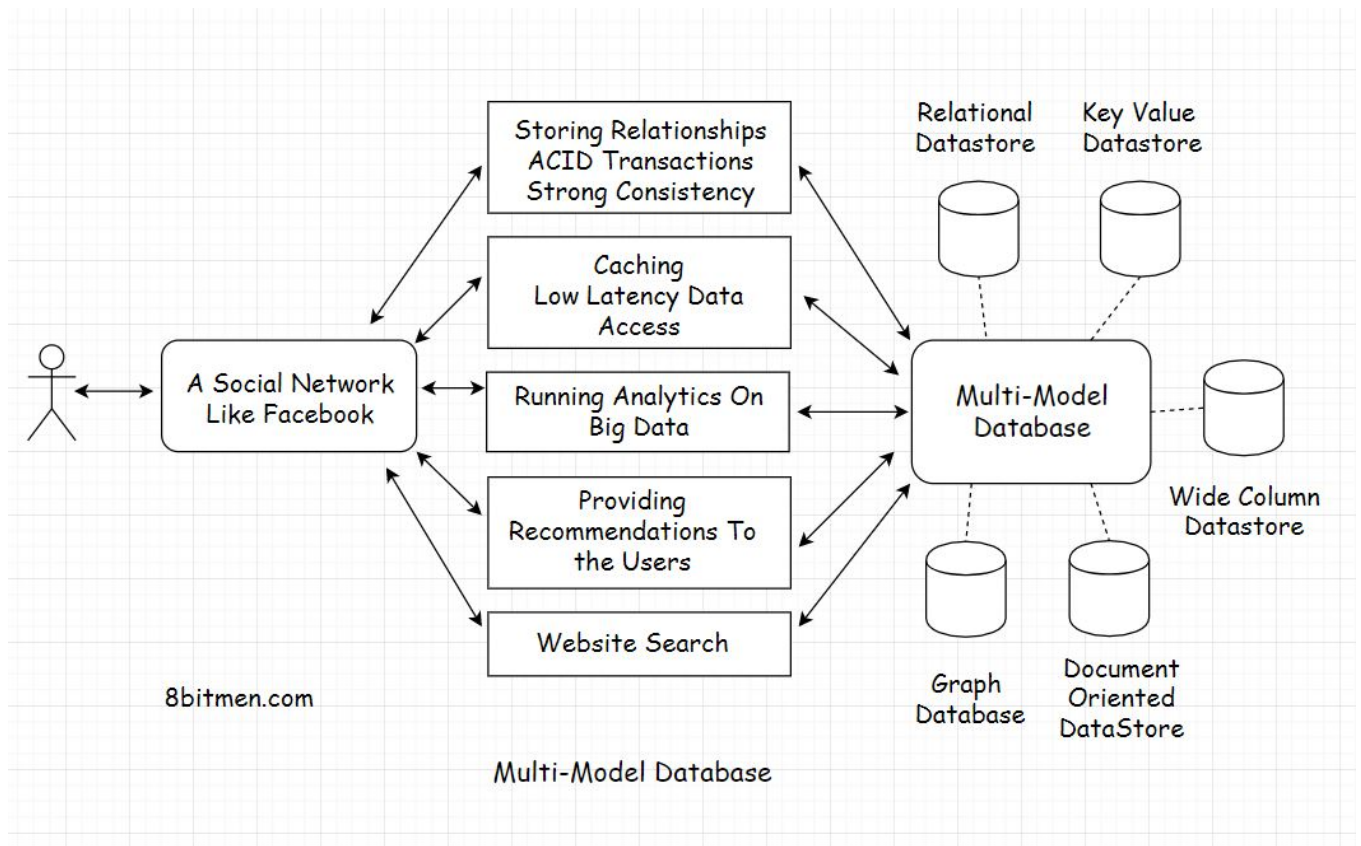
What Are Multi-Model Databases?

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 certain specific data model.

But 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 *Arango DB*, *Cosmos DB*, *Orient DB*, *Couchbase* etc.

So, by now we are clear on what NoSQL databases are & when to pick them and stuff. Now let's understand concepts like *Eventual Consistency*, *Strong Consistency* which are key to understanding distributed systems.