* What is a relational database?

A relational [database](http://searchsqlserver.techtarget.com/definition/database) is a collection of [data](http://searchdatamanagement.techtarget.com/definition/data) items organized as a set of formally-described [tables](http://searchsoa.techtarget.com/definition/table) from which data can be accessed or reassembled in many different ways without having to reorganize the database tables. The relational database was invented by [E. F. Codd](http://searchoracle.techtarget.com/definition/E-F-Codd) at IBM in 1970.

Ref1: http://searchsqlserver.techtarget.com/definition/relational-database

* What is the role of the relational database in an organization today?
* https://www.educba.com/database-management-system/
* What are the main characteristics of a relational database?

https://it.toolbox.com/blogs/craigborysowich/characteristics-of-relational-databases-050108

* What are the main functions of the Relational Database Management System (RDBMS)?

https://study.com/academy/lesson/what-is-a-database-management-system-purpose-and-function.html

* Why the database design is important?

https://www.quora.com/What-is-the-importance-of-database-design-in-applications

* What other types of databases exist today on the market?

https://www.quora.com/What-are-the-different-types-of-databases

* What is the fundamental difference between NoSQL and a relational database?

http://www.monitis.com/blog/cc-in-review-the-key-differences-between-sql-and-nosql-dbs/

* What is the role of a relational database in the Big Data ecosystem?

https://www.datameer.com/company/datameer-blog/big-data-ecosystem/

* In your opinion, what is the future for relational databases? Explain your reasoning.

<http://tdan.com/the-future-of-relational-databases/16834>

<http://www.monitis.com/blog/do-relational-databases-have-a-future/>

<https://www.quora.com/What-is-the-future-of-the-relational-database>