

# Strength and Weakness of Relational Data Model



**PROS**

VS



**CONS**

## SPECIFICATIONS

**Query capability:** It makes possible for a high-level query language like SQL to avoid complex database navigation..



**Impedance mismatch** between the object-oriented and the relational world.

## OVERVIEW

**Scalable:** Regarding a number of records, or rows, and the number of fields, a database should be enlarged to enhance its usability.



The relational data model doesn't fit in with every domain. Difficult schema evolution due to an inflexible data model.

## PERFORMANCE

**Flexibility.** The relational database model is naturally scalable and extensible, providing a flexible structure to meet changing requirements and increasing amounts of data.



Relational databases can sometimes become complex as the amount of data grows, and the relations between pieces of data become more complicated.

## FEATURES

**Accuracy:** Data is stored just once, eliminating data deduplication.



Complex relational database systems may lead to isolated databases where the information cannot be shared from one system to another.

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