

**Fundamentals of Database Systems (Output of Module 2)**

# STRENGTHS AND WEAKNESS OF RELATIONAL DATA MODEL



A relational database is a type of database. It uses a structure that allows us to identify and access data in relation to another piece of data in the database.

## Weaknesses of Relational Databases

- The relational data model doesn't fit in with every domain.
- Weak distributed availability due to poor horizontal scalability.
- Difficult schema evolution due to an inflexible data model.



## Strength of Relational Databases

- You can always gather together the data you want using joins, views, filter and indexes.
- The relational database ensures that your commits are always atomic, consistent, isolated and durable.
- Huge toolkit (trigger, stored procedures, advanced indexes, views) available.

The attached picture above is an infographic which is about the weaknesses and strengths of the relational data model, and I made it using Canva. Just a little information the A relational database is a type of database. It uses a structure that allows us to identify and access data in relation to another piece of data in the database.