

STRENGTHS AND WEAKNESS OF RELATIONAL DATA MODEL

PROS

VS.

CONS



Security: Data in RDBMS tables may be restricted such that only specific users have access to them.



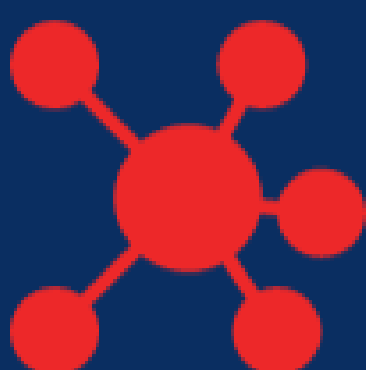
Data Accuracy: can be multiple tables related to one another with the use of a primary key and foreign key concepts. The accuracy of data in the relational database is more than any other database system.



Trust: Relational database models are established and well-understood.



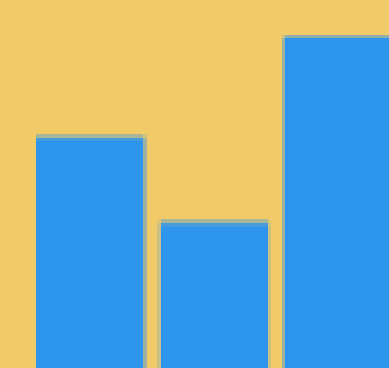
Simple Model: A Relational Database system is the most simple model, as it does not require any complex structuring or querying processes.



Collaboration: Multiple users can access the same database.



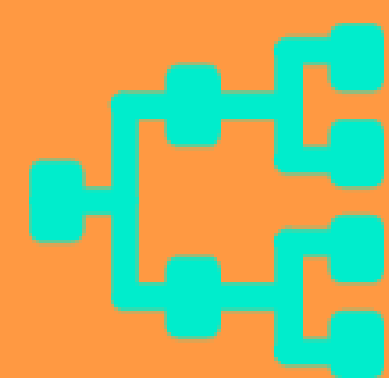
Few relational databases have limits on field lengths which can't be exceeded.



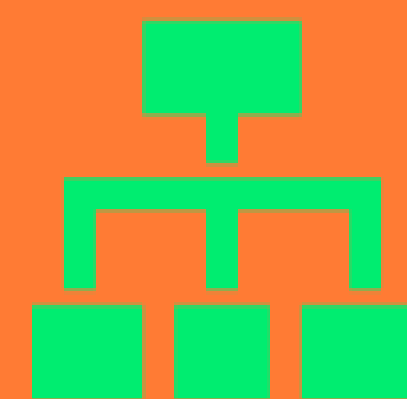
Relational databases can sometimes become complex as the amount of data grows, and the relations between pieces of data become more complicated.



Graphs are similarly difficult to model and query.



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



The relational data model doesn't fit in with every domain.