

De-normalization

1. What is denormalization?

Denormalization is a database optimization technique in which we add redundant data to one or more tables. This can help us avoid costly joins in a relational database.

2. The advantages and disadvantages

Pros of Denormalization:

- Retrieving data is faster since we do fewer joins

- Queries to retrieve can be simpler (and therefore less likely to have bugs), since we need to look at fewer tables.

Cons of Denormalization:

- Updates and inserts are more expensive.

- Denormalization can make update and insert code harder to write.

- Data redundancy necessitates more storage.