Design theory and BCNF

Wednesday, May 22, 2019 2:08 PM

- Relational Schema Design: Sometimes consider use multiple tables.
- · Anomalies
 - Redundancy = repeated data (don't want to store same data)
 multiple times)
 - · Vydate anomalies: might update wrong data.
 - · Teletion anomalies
 - · Steps to reduce anomalies:

relational schema > functional dependencies (FI)) ->
use FD to normalize relational schema

- · Furtional dependencies (FDs)
 - o clef: If two tuples agree on the attributes A1,..., An,
 then they must also agree on the attributes B1,..., Bm.
 - o Ai,..., An → Bi,,..., Bm determines