

Normalization

Vocabulary

Atomic data	1NF
Composite key	2NF
Primary key	3NF
Foreign key	BCNF
Repeating group	Granularity
Partial dependency	Cardinality
Transitive dependency	Optionality
Crow's feet notation	

Questions

- What is a clue that a column needs to be replaced with multiple rows?
- What is it called when each cell has exactly one value?
- What is a clue that a column is a repeating group to be eliminated?
- What form are you transitioning to when you eliminate a repeating group?
- What type of table is a good choice for a composite primary key?
- What is the requirement to reach 1NF?
- What is the requirement to reach 2NF?
- What is the requirement to reach 3NF?
- What are good naming conventions for fields?
- What is normalization when talking about databases?
- What is a synthetic key?
- What is the difference between a partial dependency and a transitive dependency?
- What is required for a primary key?
- What is required for a foreign key?
- What type of information is stored in an ER diagram?
- What does the circle on the end of a line in crow's feet notation mean?
- What does a double perpendicular line mean in crow's feet notation?
- What does the three prong mean in crow's feet notation?
- What does one to one mean?
- What does one to many mean?
- What does many to many mean?