

# Normalization

## Vocabulary

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

## 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?