

What is a Relational Database

- A database that has a collection of tables of data, and these tables are linked based on defined relationships.
- Each table has a primary key which is used as a unique identifier for each row in that table.



Crow's Foot ER Diagram

One to One



Each record in each table
only appears once

One to Many



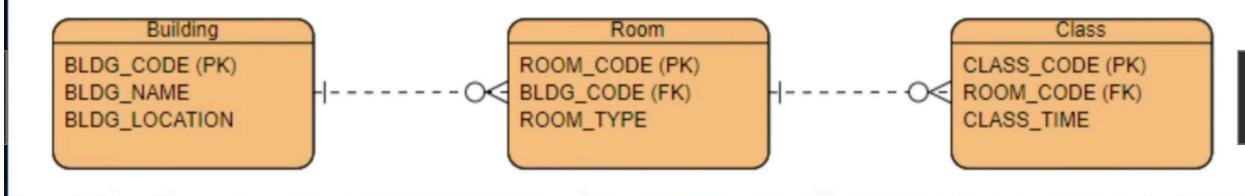
One record in one table can be
associated with many records in
another table

Many to Many



Multiple records in a table can
be associated with multiple
records in another table

Example:



MySQL Sample Database Diagram

