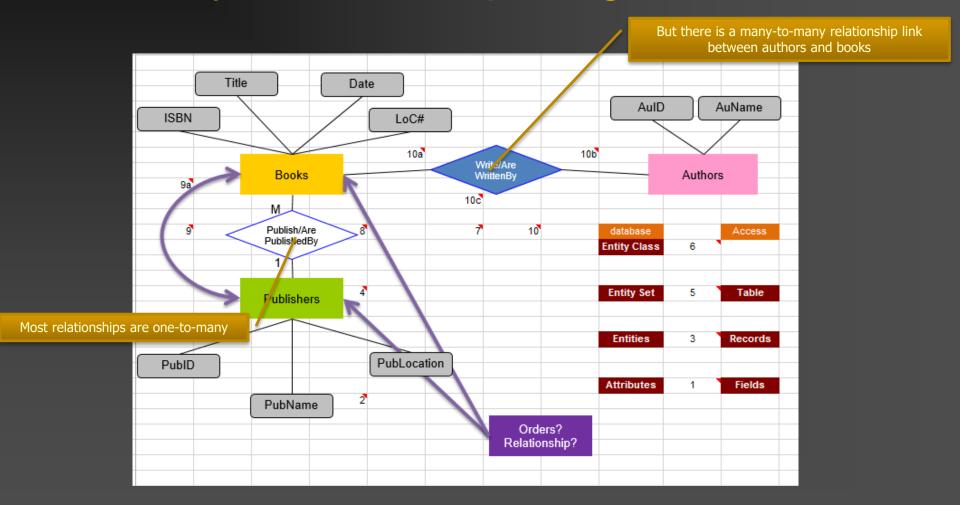
Relationships

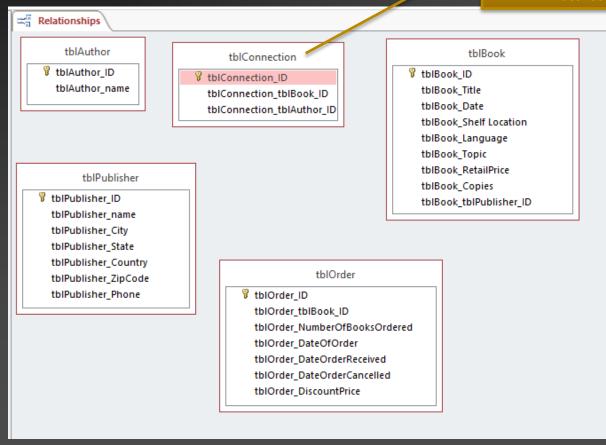
One-to-many and Many-to-many

An Entity Relationship Diagram

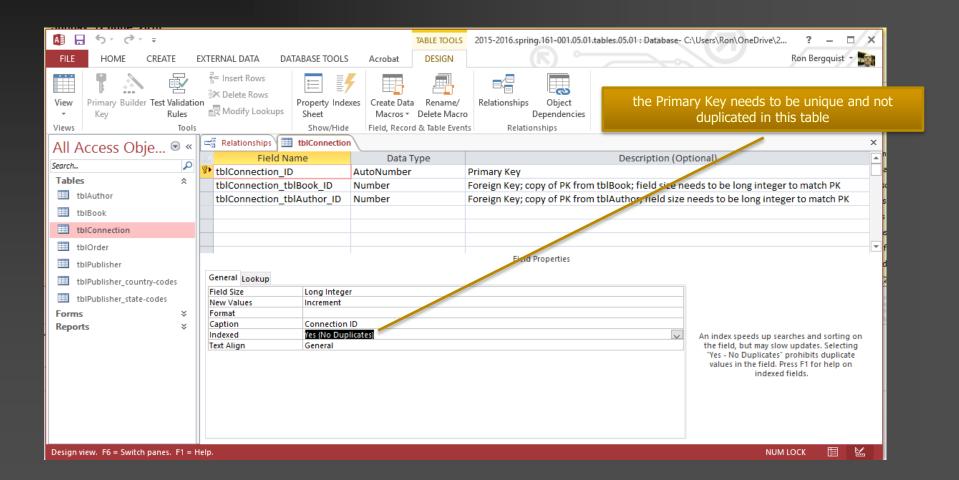


Transformed into an Access relationship

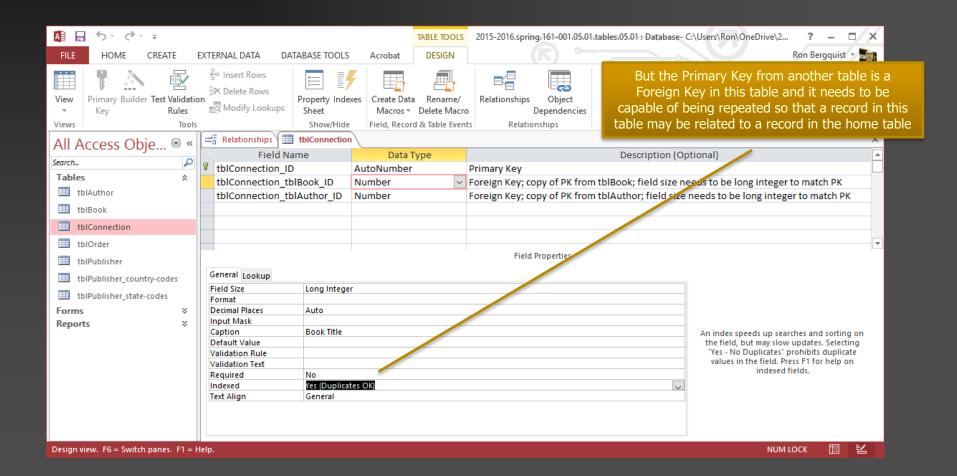
an intervening table must be created to enable Access to deal with a many-to-many relationship between books and authors



Primary Key



Foreign Key



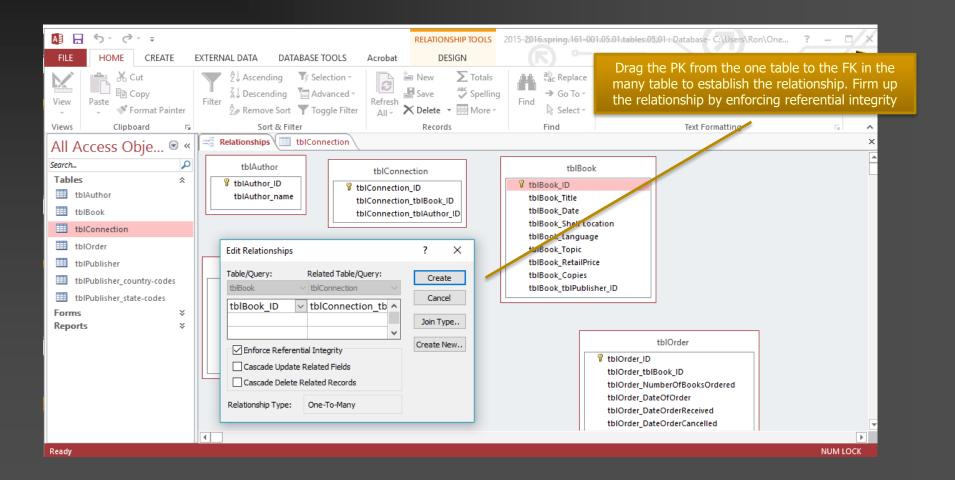
To create a relationship between a primary key and a foreign key

THERE ARE TWO METHODS

The first is to do it manually in the relationship view

THERE ARE TWO METHODS

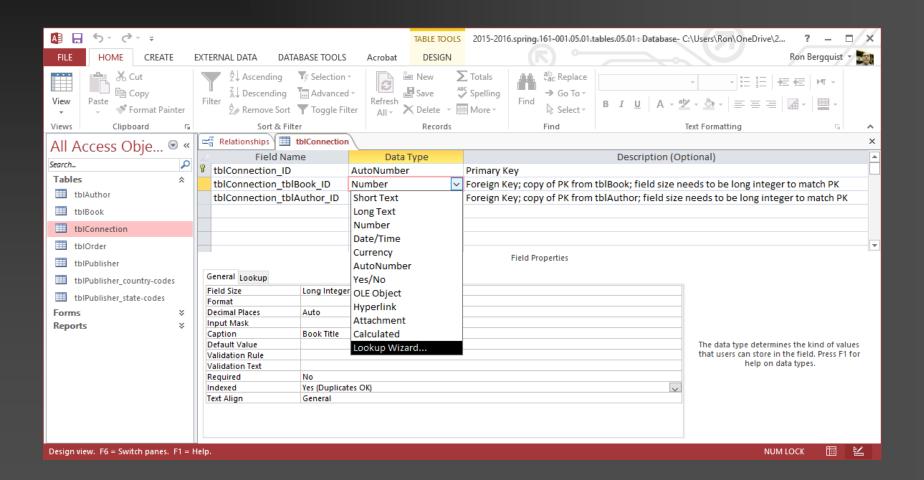
After ensuring that the PK/FK fields are compatible, create the relationship



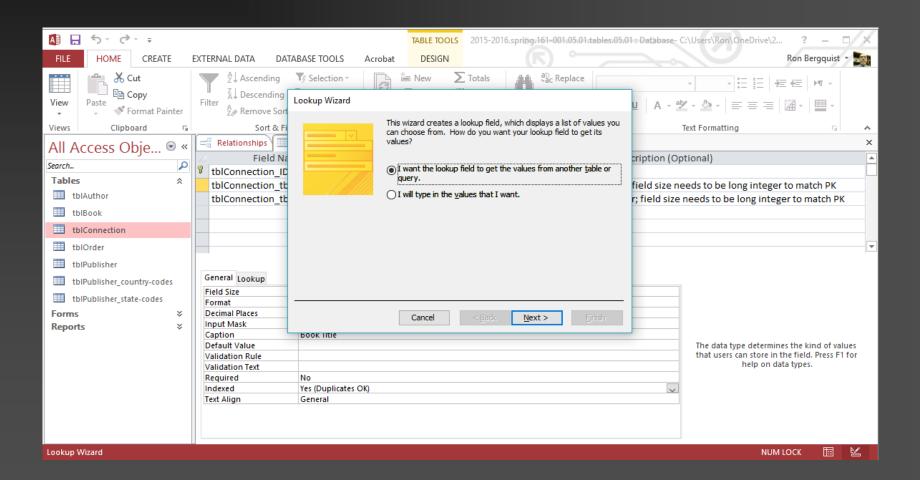
But a better method is to use the lookup wizard tool

THERE ARE TWO METHODS

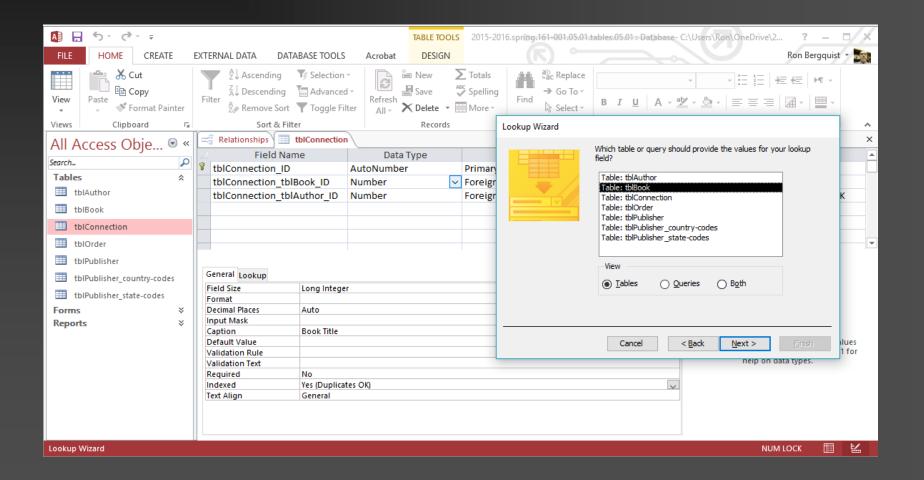
Find the lookup wizard on the FKs



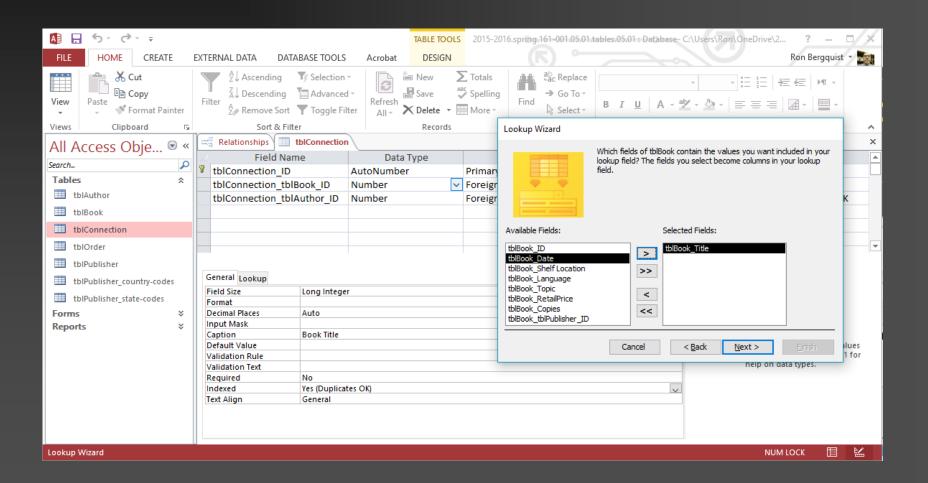
It will allow you to create a lookup table using values from another table



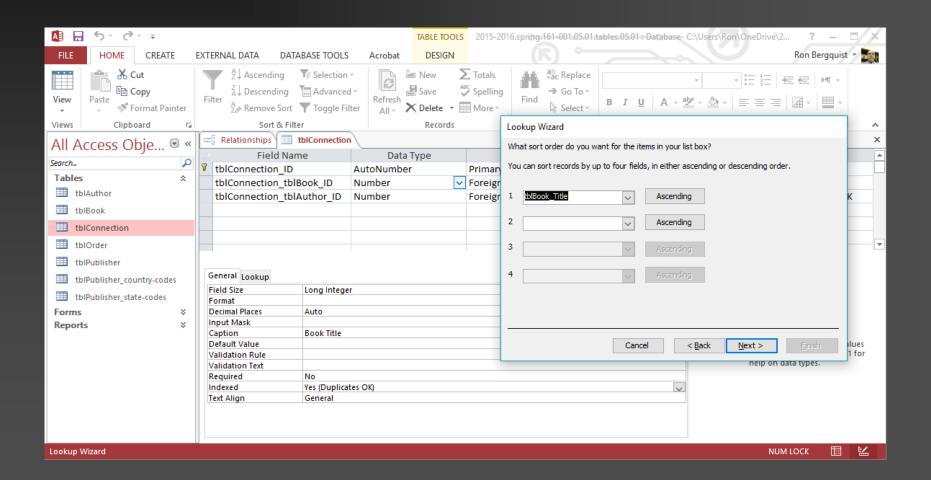
In this case, we want values from the book table



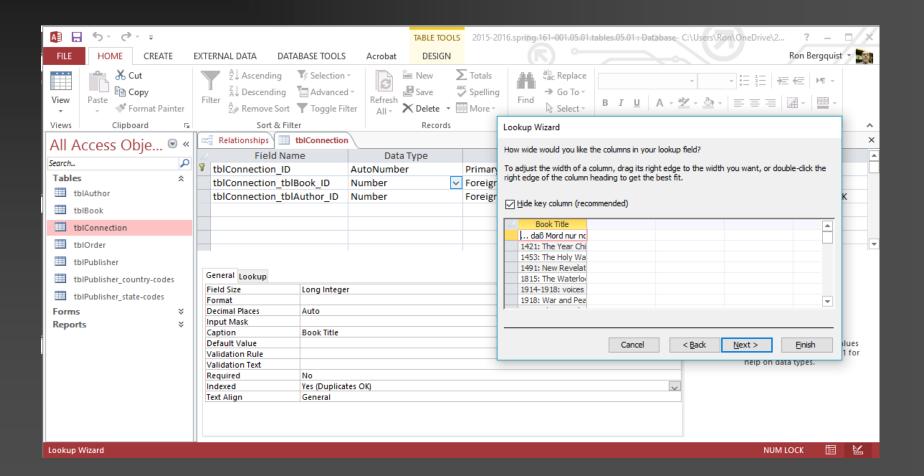
We want the lookup table to show us the titles of the books



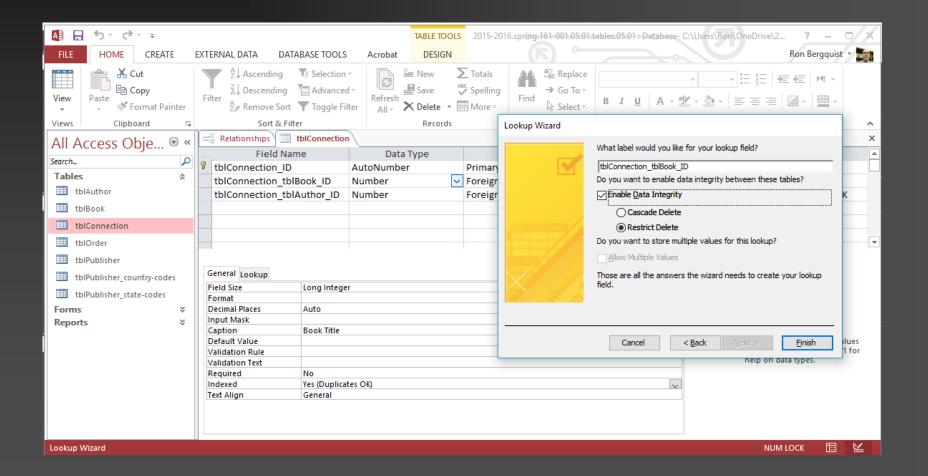
And we want the titles in alphabetical order, not the order in which they exist in the book table



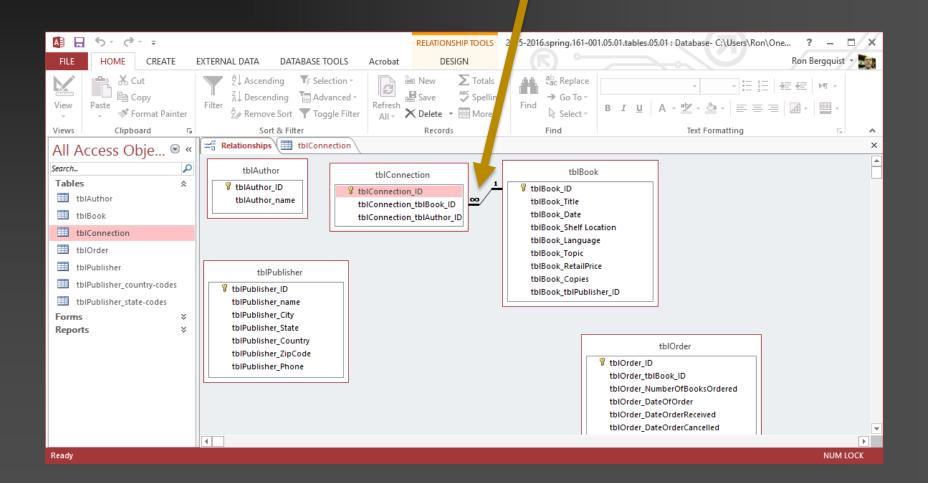
And our query is built to create a lookup table for us



The final step is to have the wizard create the relationship between a PK and a FK



Which creates the 1:many relationship



For all the foreign keys in the database

REPEAT THE PROCESS