Assumptions:

* That there would not be any more types of “people” in this database
  + Otherwise I would go with a contact table that has different people type columns IE: IsPublisher, IsAuthor, IsCustomer, etc.
* Address table
  + I split out the address table into streets, city, state, zip so we can do look ups based on those values later. Having it all in a single field is a headache to split out if we need to know the state of the publisher in the future.
  + I included this column just in case you are looking for it specifically.
    - I would make the publisher’s address column a calculation based on the other columns though if I did this in real life. (Probably wouldn’t have it though.)
* I am assuming that we may have multiple Emails, addresses, and phones for authors and publishers in the future.
* I added some columns to the tables to match how I would do it in real life.
  + I added ID to every table so I can reference a particular row in the table easier instead of needing a composite identity key in the table
  + I added is primary to a couple of tables so I could know in code which to prefer in the future if I need to only provide 1
    - Sometimes I will set to “Level” instead so level 1 is primary and level 2 is secondary etc.
* I made publishers and books table connection separate just incase a book has multiple publishers
* I made books and authors table connection separate just in case a book as multiple authors
* I made a book pricing table so you can have books be able to “drop” or “increase” in price on specific times and not need the system to have to deal with that somehow separately.
* Books can have multiple ISBN’s assigned to them so I have it in a separate table for the system to be able to handle

Other Notes:

* I thought about doing publisher and author in the same table and calling it “Person” or calling it “Contact”.
  + I didn’t because I assumed you wanted to see all the column names and if I did a person table then I would be potentially “smashing” the author and publisher values together.
  + I would have potentially also had a contacts table that then had a link to a publishers table instead. Since the publishers table is basically just a company name. It might be nice to have contacts associated with the publisher and know who might be a “point of contact” for the publisher.
* I couldn’t ‘t quite tell if the excel document I created within the word document would be visible for you. So, I instead also included a screenshot of the excel document at the bottom.



A screenshot of a computer

AI-generated content may be incorrect.