# Library Database – Part A
*Importing Data*

A. Importing Data

1. Create a new folder. From the website, download the zip file with these twelve files:

|		
Author.txt	blackCode.png	freakonomics.png
automateThis.png	Book.txt	nakedCrowd.png
bigData.png	BookAuthor.txt	superFreakonomics.png
bigDataAtWork.png	cognitiveSurplus.png	virtualSelf.png
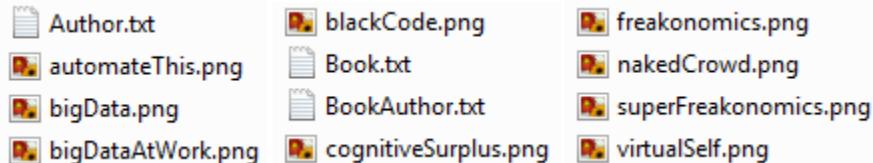
2. Make a new file, call it Library, save it to the folder you created.
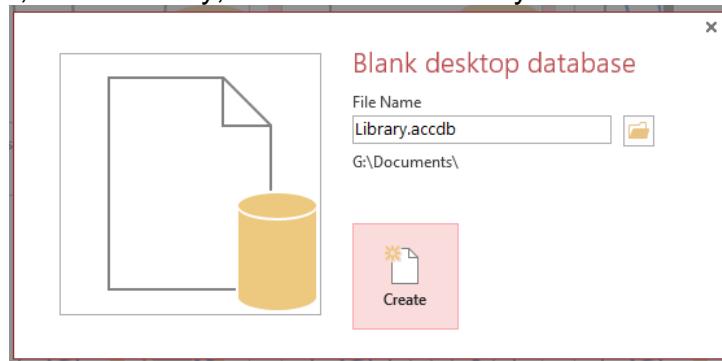
3. Now we are going to import the data from the Author.txt file. It is a tab delineated file (stored in ASCII).
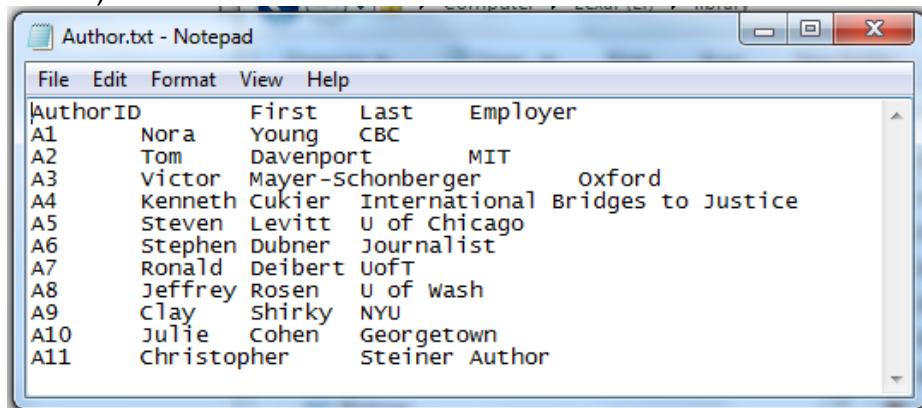

4. Go to the External Data tab and choose "Text File"
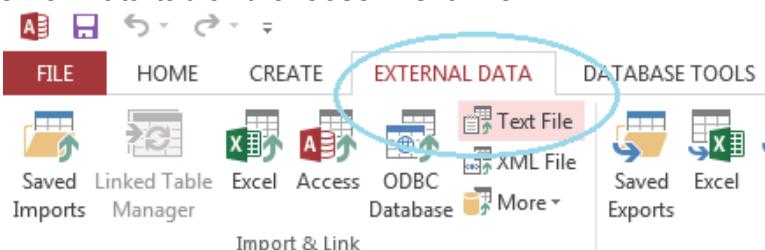
5. Follow along in the wizard – make the changes shown in the pictures.
    (a) Choose the text file, Author.txt
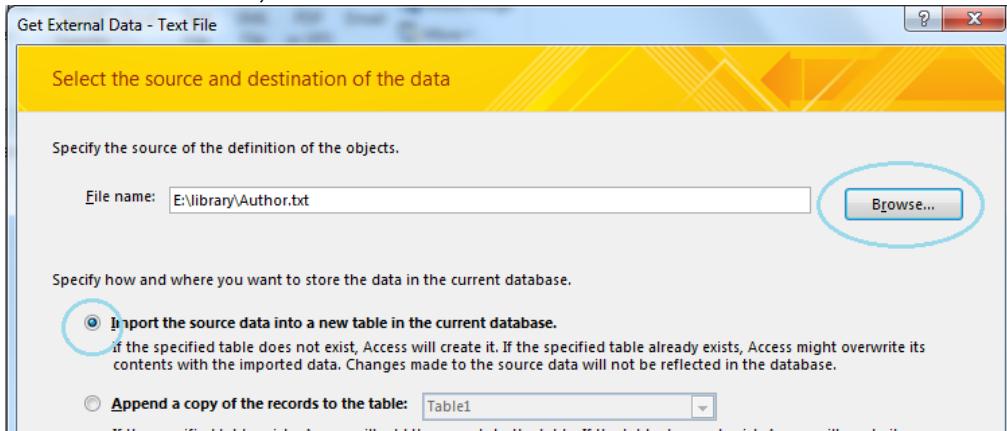
    (b) Leave as default, the file IS tab delineated.
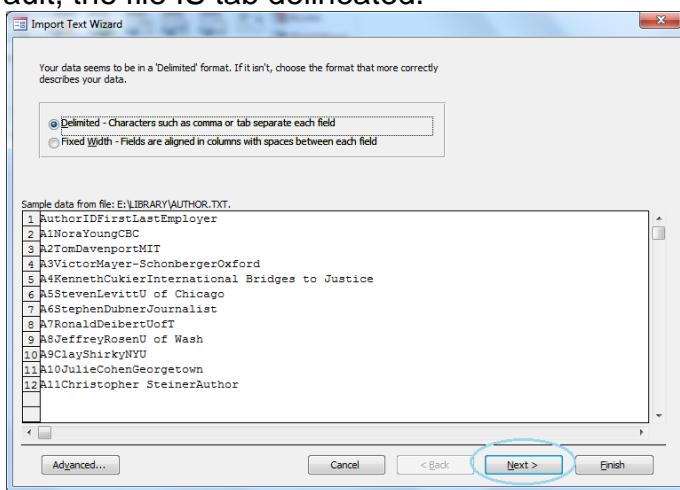
    (c) Choose "tab" as the thing that separates the fields. Select the first column contains field names.
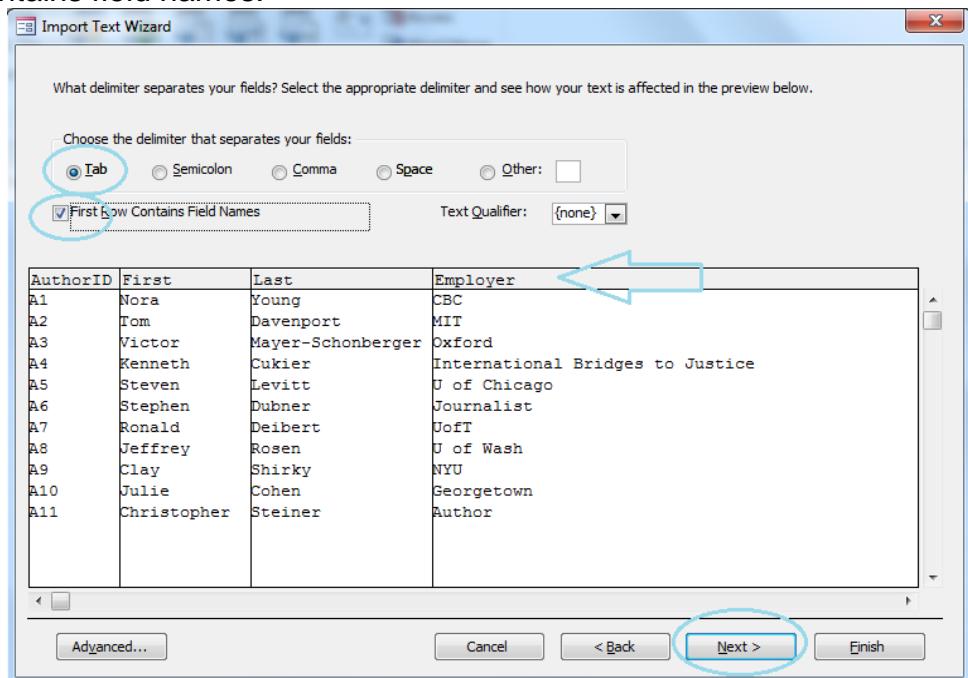
    (d) Don't do anything. (You could check the field types if you care. You don't).
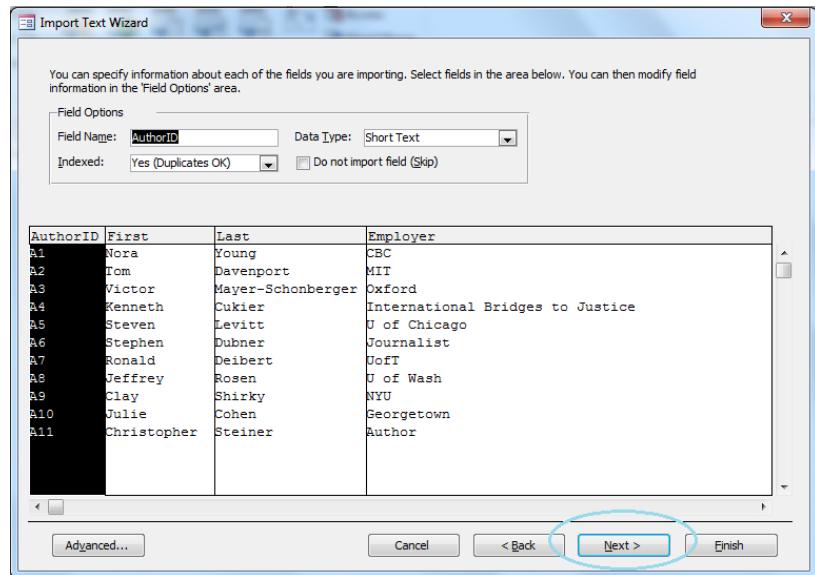
(e) Choose AuthorID as the keyfield
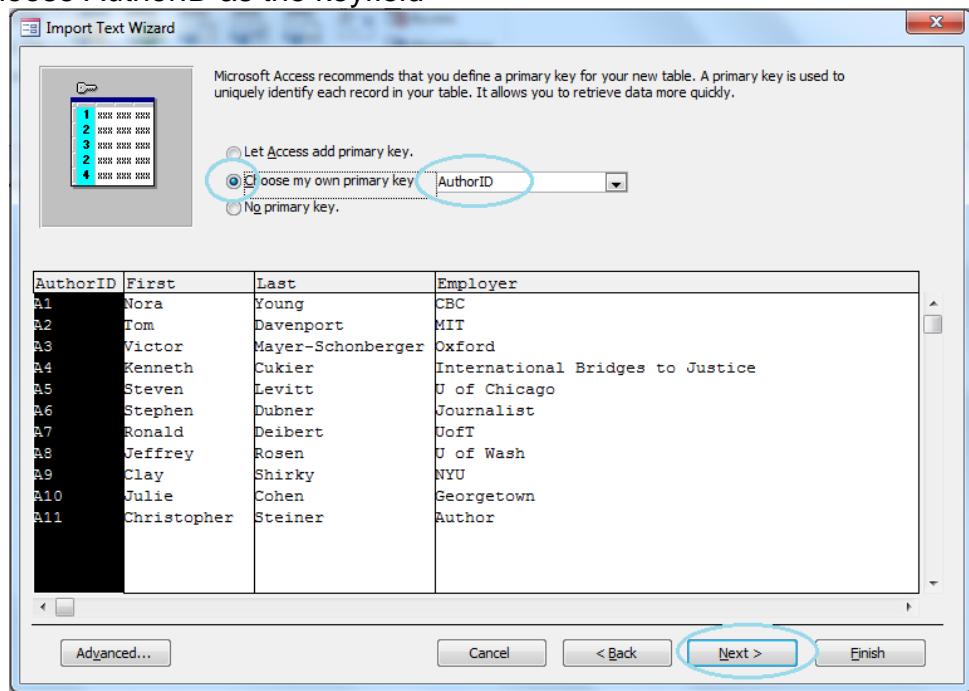
(f) OK through the rest.
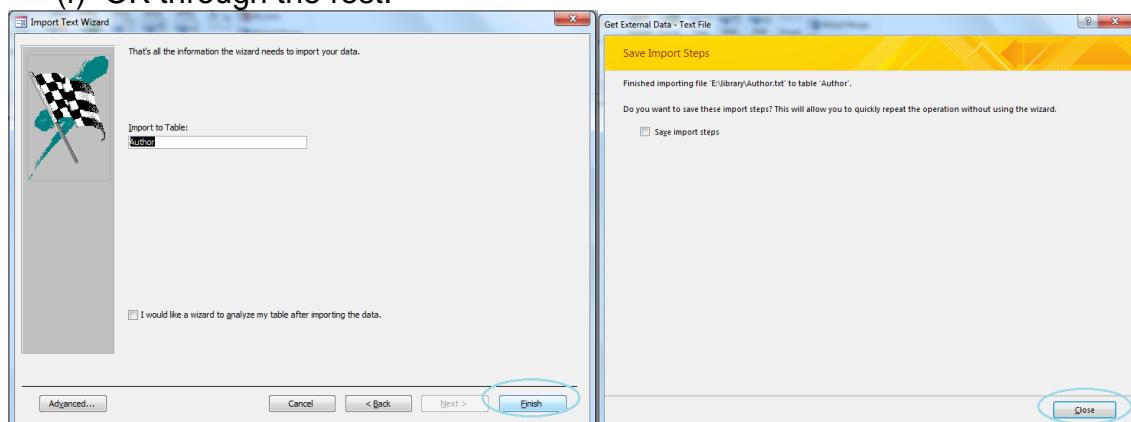
6. Repeat for the Book table and the BookAuthor Table.
   With the BookAuthor Table, choose no primary key.
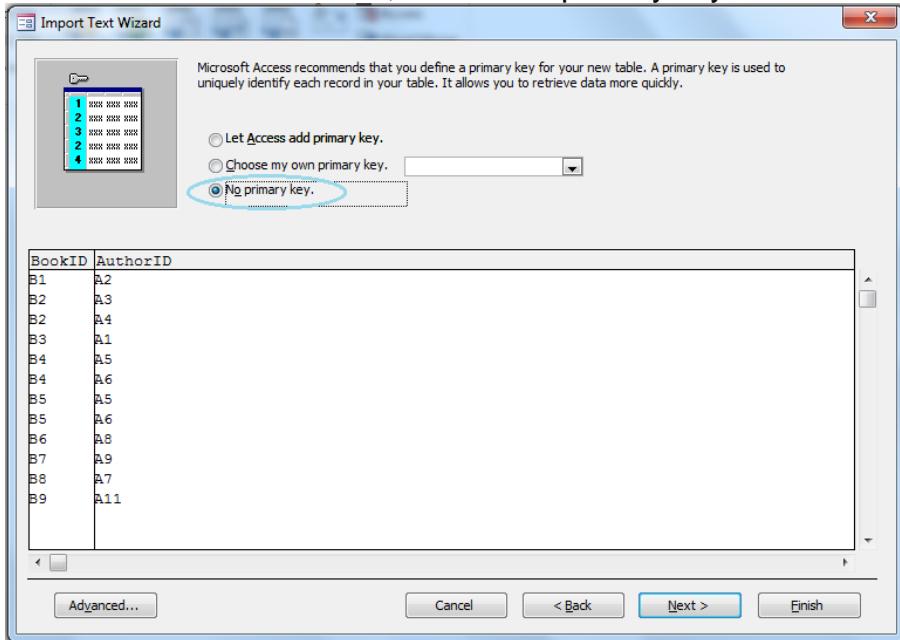
7. When you are done you should have 3 tables.

B. Adding a Picture Field
8. Click on the column of the book table. Choose attachment.

9. Double click to attach the picture of the book.

10. Choose the file.

11. Click OK.

12. Repeat for the others.

BookID	Title	Price	Date	📎	Click to Add
31	Big Data @ Wo	$15.12	2/25/2014	📎(1)	
B2	Big Data	$21.32	3/5/2013	📎(1)	
B3	The Virtual Sel	$14.40	8/13/2013	📎(1)	
B4	Freakonomics	$14.43	8/17/2009	📎(1)	
B5	SuperFreakom	$13.71	5/16/2011	📎(1)	
B6	The Naked Cro	$15.16	1/11/2005	📎(1)	
B7	Cognitive Surp	$20.38	6/15/2010	📎(1)	
B8	Black Code	$14.40	11/19/2013	📎(1)	
B9	Automate This	$12.27	8/27/2013	📎(1)	
*				📎(0)	

13. Save the table. Switch over to design view. Rename the Attachment Field to Cover.
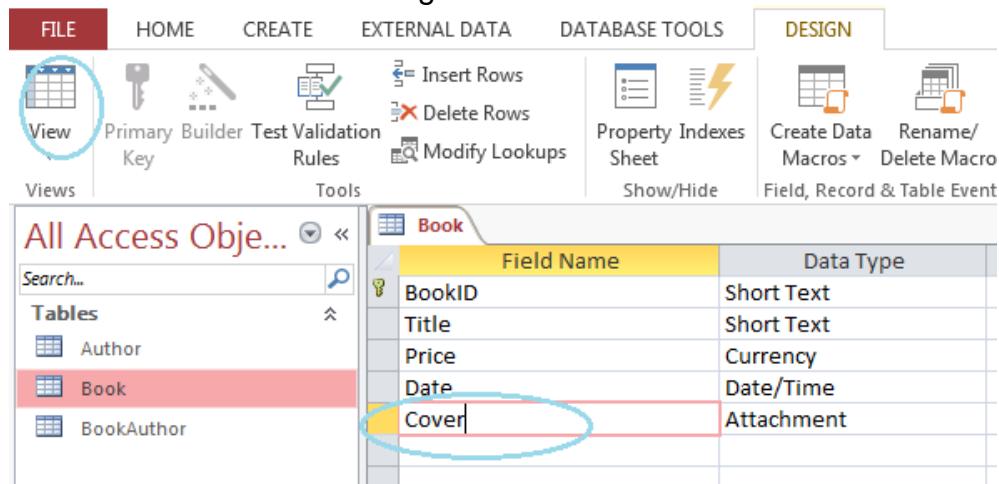
Field Name	Data Type
BookID	Short Text
Title	Short Text
Price	Currency
Date	Date/Time
Cover	Attachment