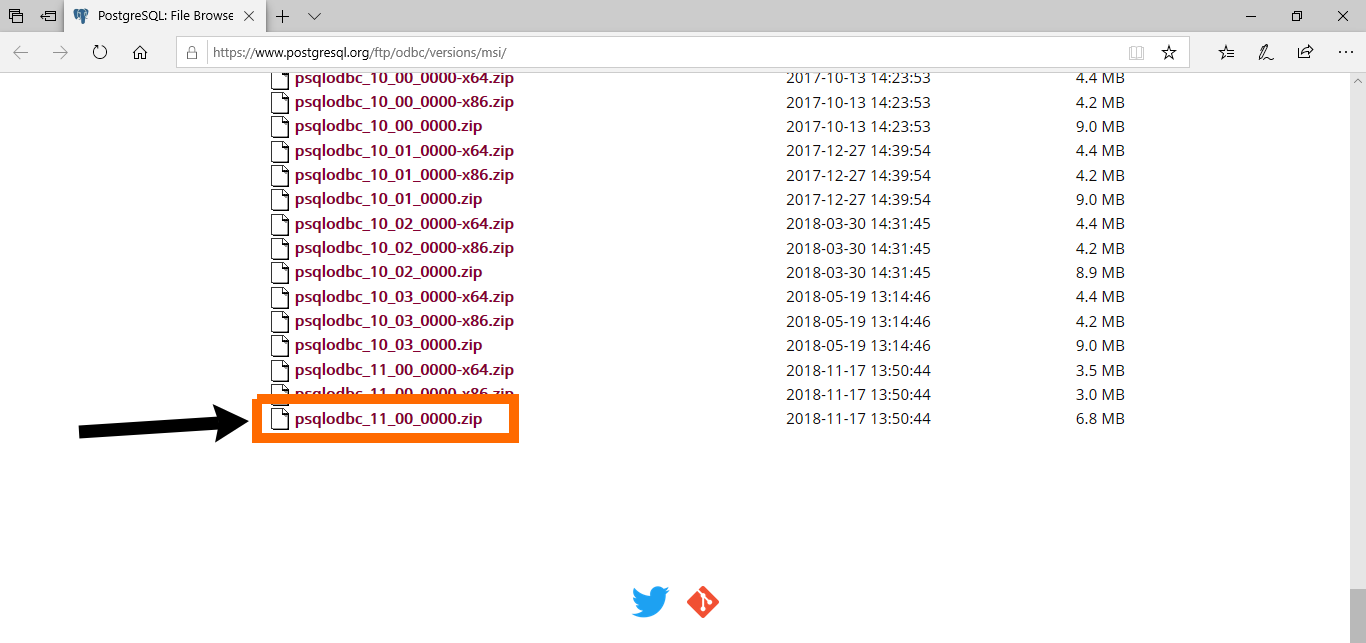
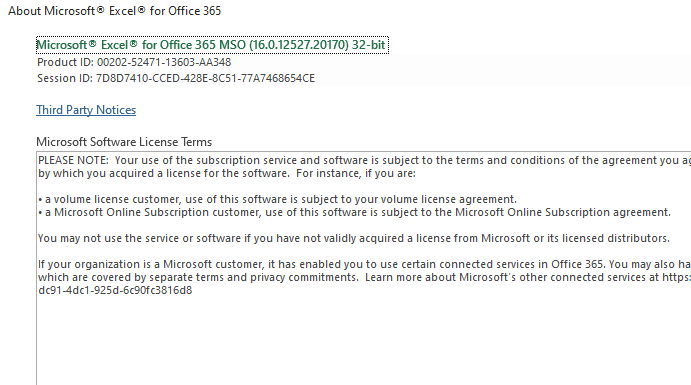
1. Install PostgreSQL ODBC Driver from <https://www.postgresql.org/ftp/odbc/versions/msi/> Select the most recent version from the bottom of the list.

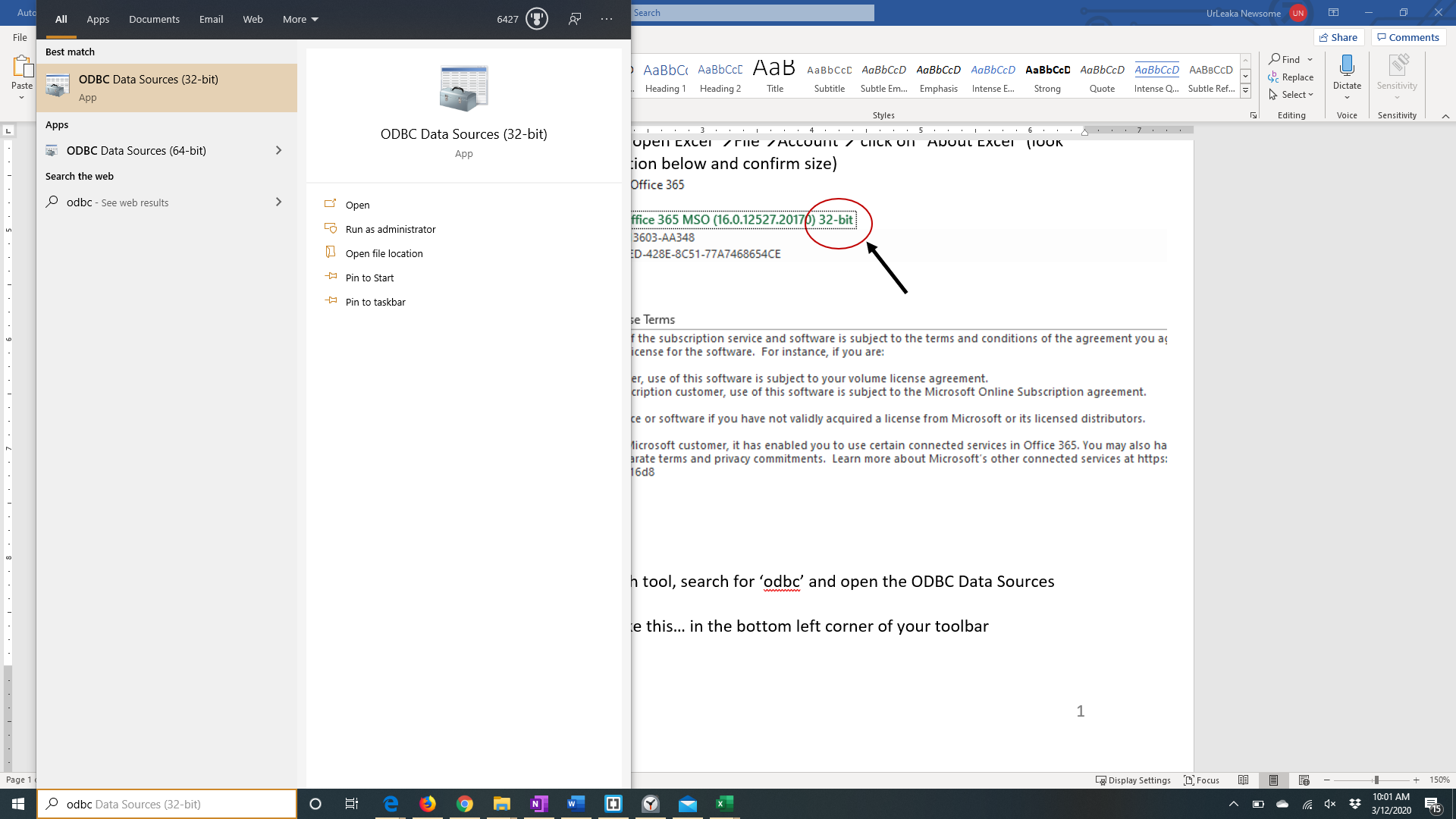


1. Verify that Excel is a 32-bit app (most likely) before setting up a dataset name (DSN) on Windows:
2. In order to verify Excel, open Excel 🡪File🡪Account🡪 click on “About Excel” (look for the pop-up information below and confirm size)

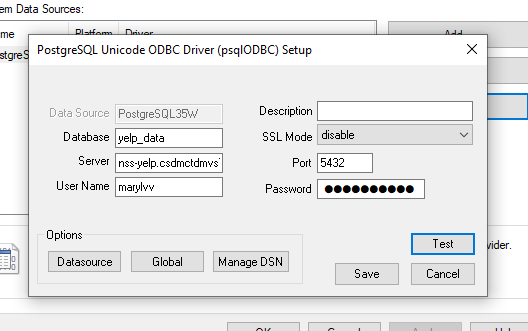


1. In your computer search tool, search for ‘odbc’ and open the ODBC Data Sources (32-bit).

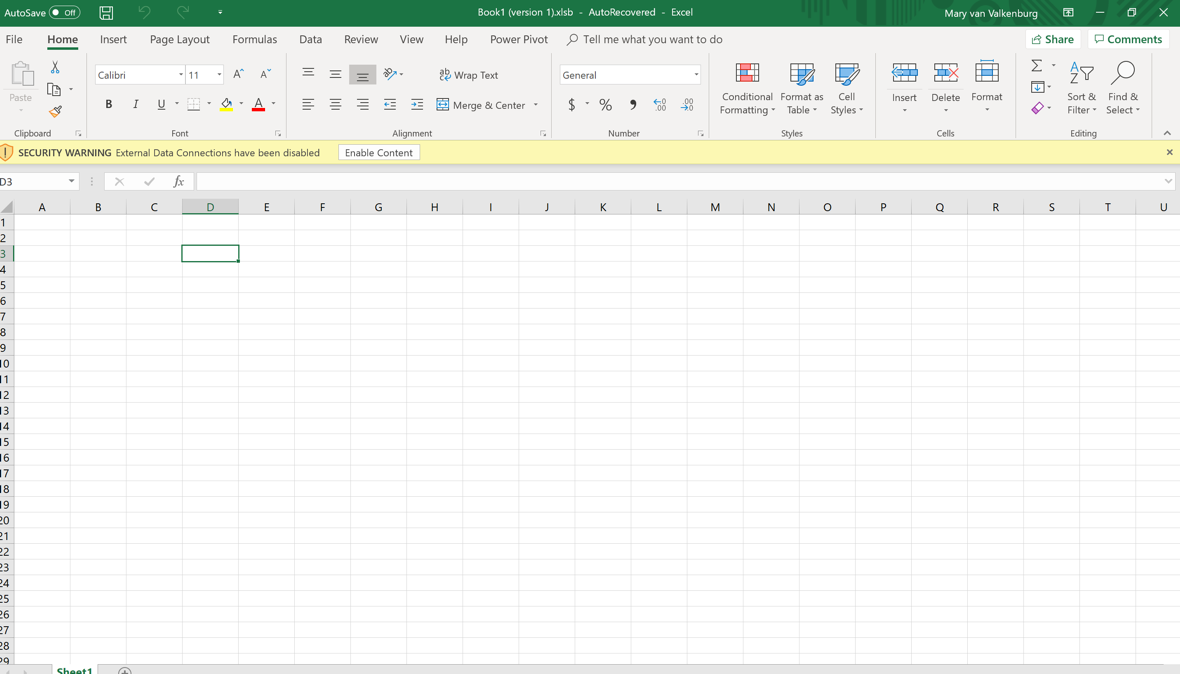
It may look like this… in the bottom left corner of your toolbar

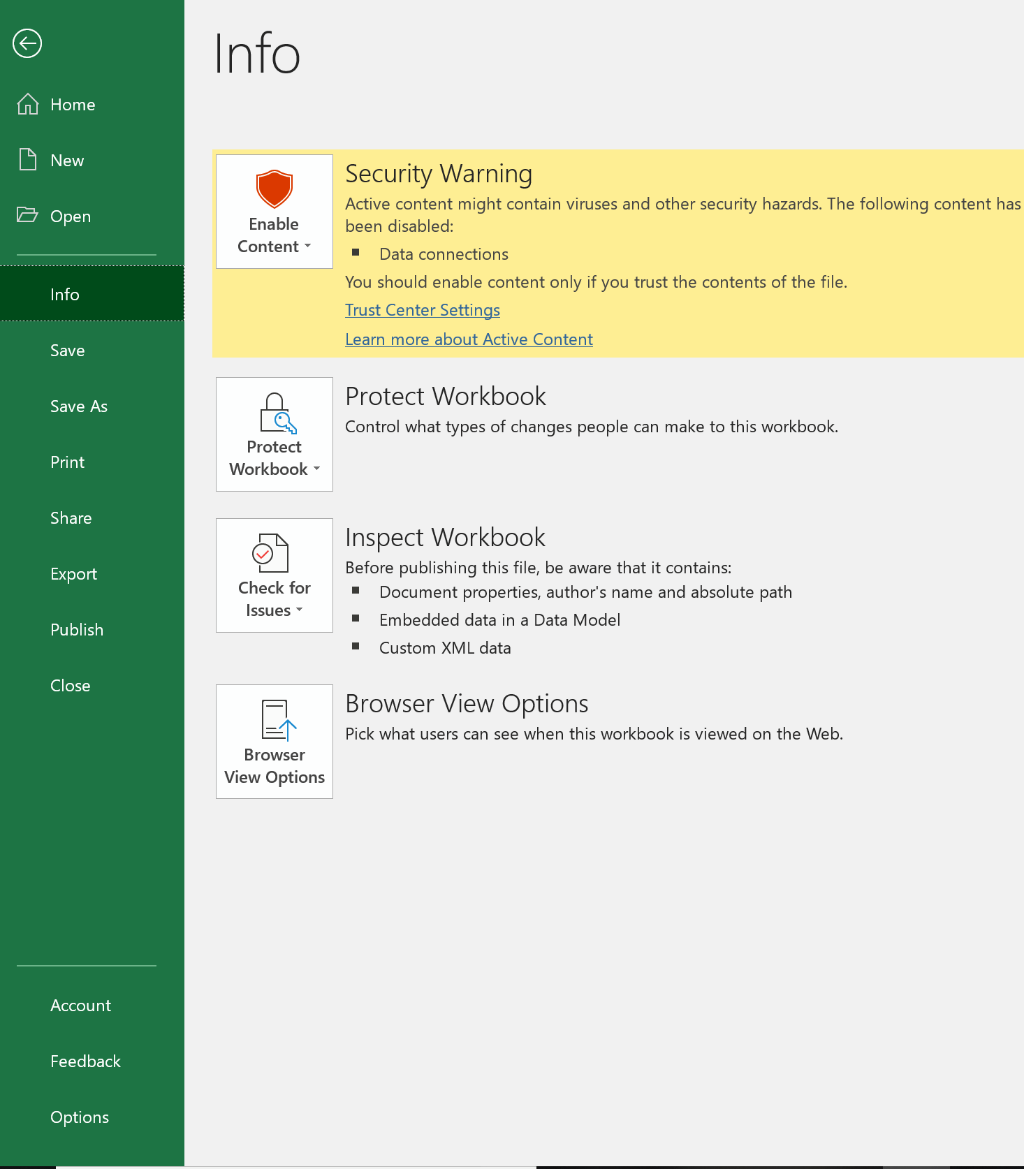


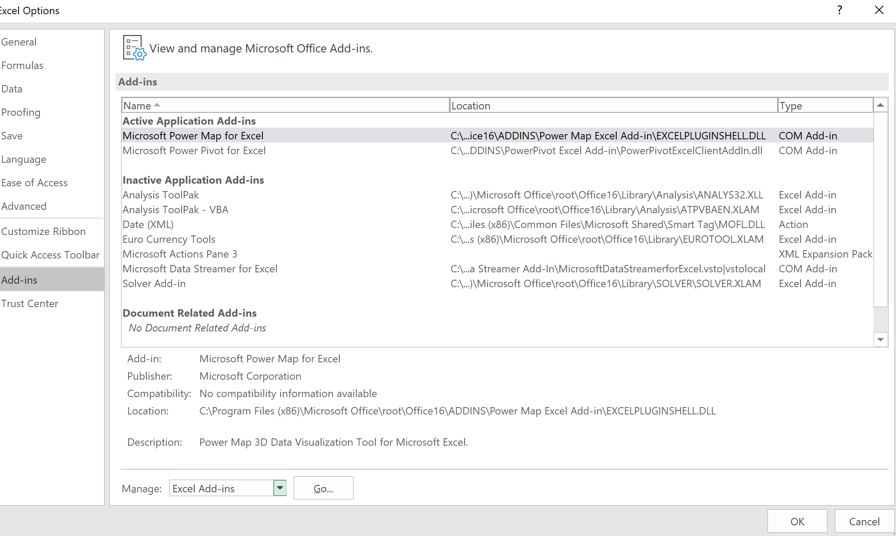
1. Create a new *System DSN* called PostgreSQL35W.
   * Select the System DSN tab, click Add, and from the New Data Source list, select PostgreSQL Unicode. The Database is yelp\_data; the Server is nss-yelp.csdmctdmvs7t.us-east-1.rds.amazonaws.com; User Name is marylvv; Port 5432; Password is nssAWS2019.



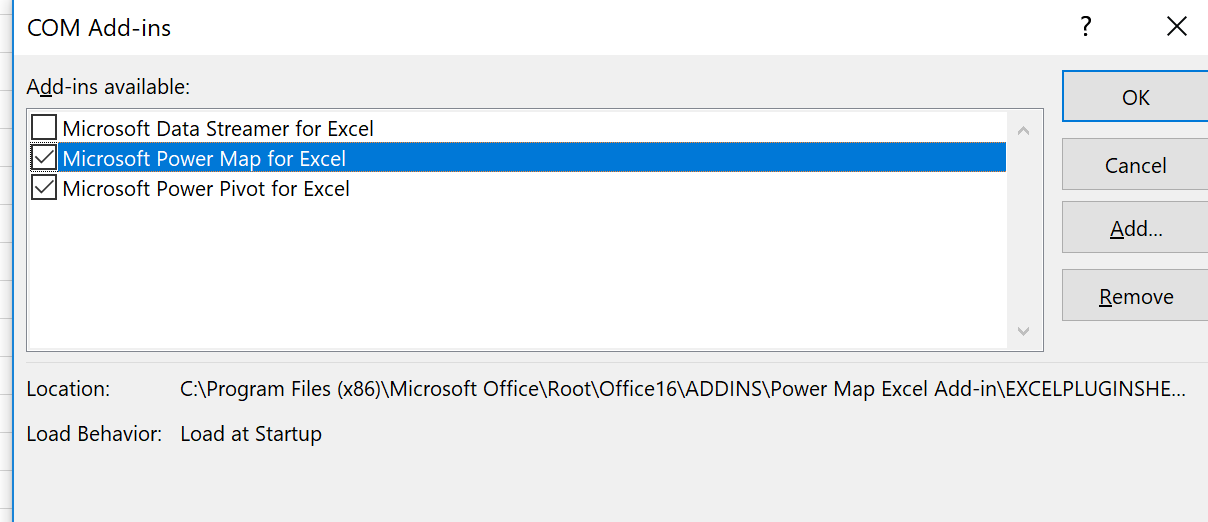
1. Launch Excel, and look for the PowerPivot tab -- If it is there go to step 5, otherwise



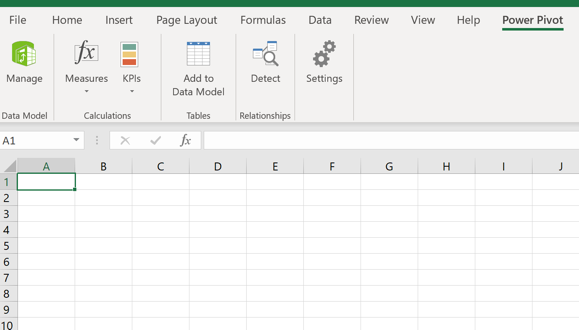
* Install it by going to File 🡪 Options (at bottom of green ribbon)
* From the Options window, select Add-ins. You will see a list of Active and Inactive add-ins. Since Power Pivot is a COM Add-in, change the drop down at the bottom to `COM Add-ins` and hit the `Go` button.

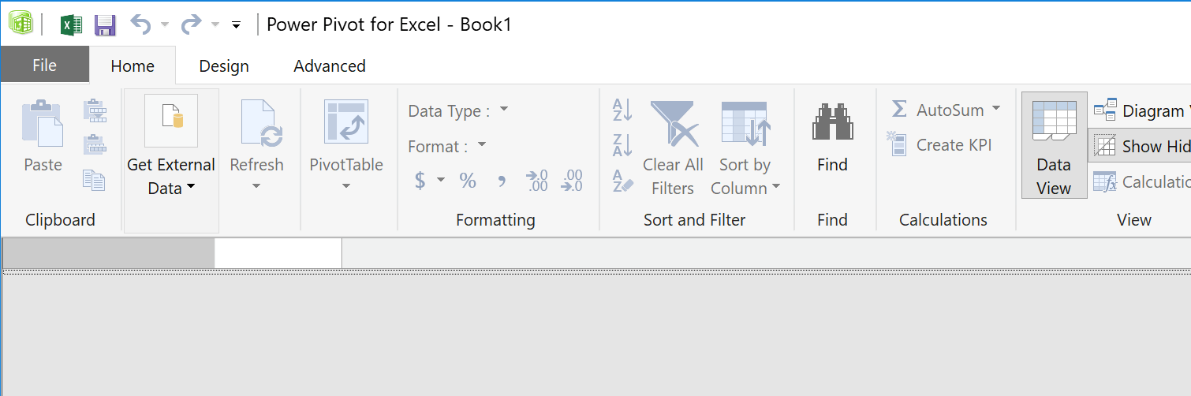


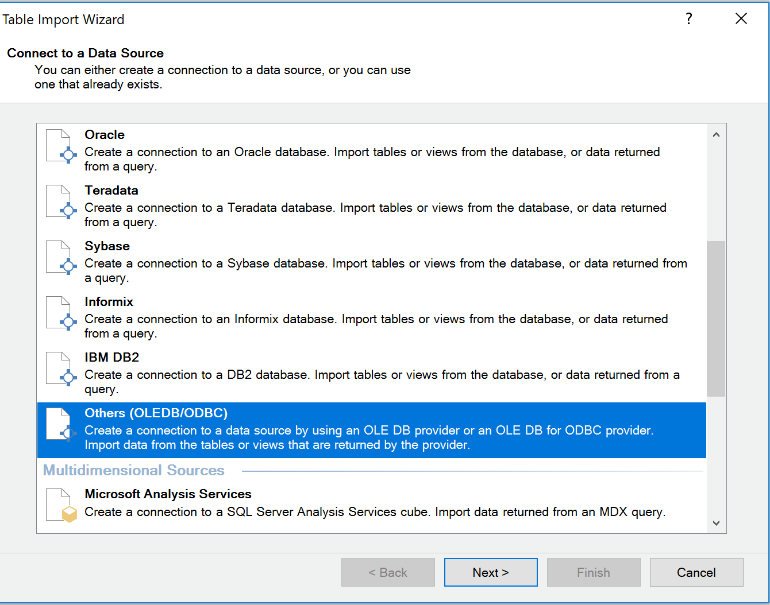
Check the box next to `Microsoft Power Map for Excel` and `Microsoft Power Pivot for Excel` and select ‘Ok’



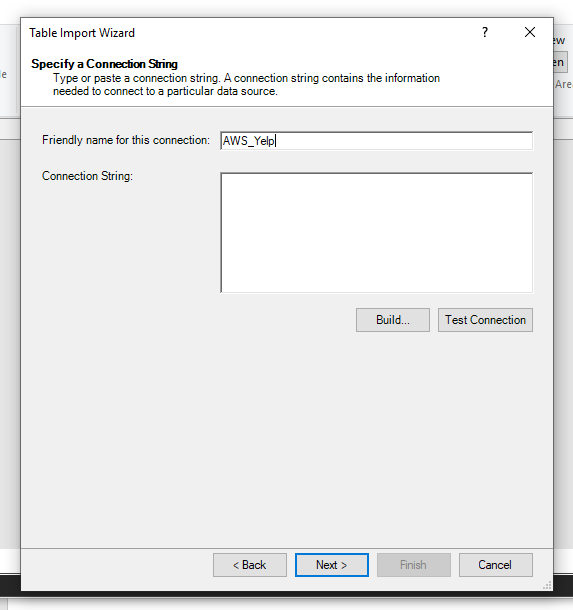
1. Restart Excel and select the Power Pivot tab. Then click on `Manage`.



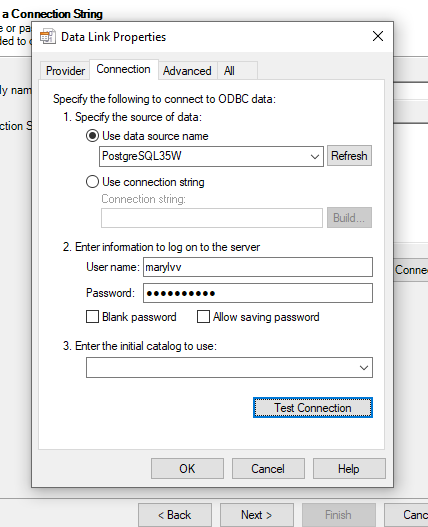
1. Next click on `Get External Data` - `From Other Sources` 
2. A window will pop up showing the Table Import Wizard. Scroll down to the `Others (OLEDB/ODBC)` option. Select it and click the `Next` button.



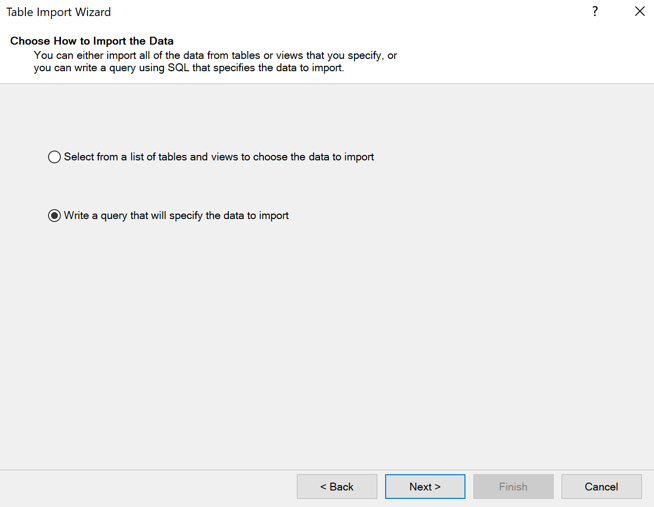
1. Give your connection a good (meaningful) name and select `Build`.



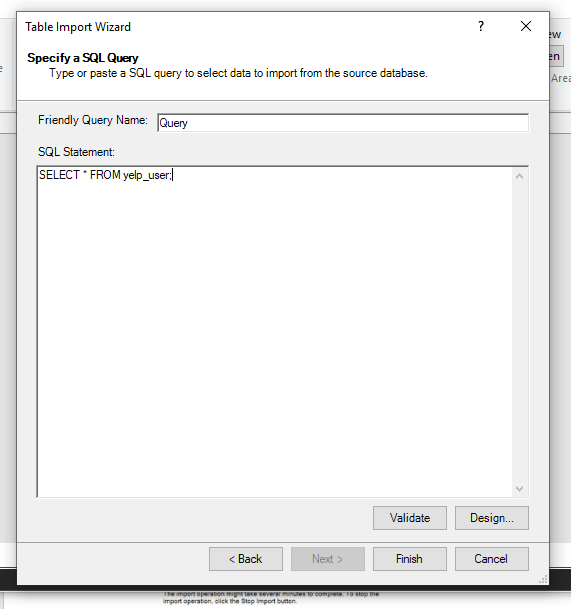
1. Specify the name of your DSN (should be PostgreSQL35W for the Yelp Data on AWS). Enter the username and password as before username: marylvv, password: nssAWS2019, check the box to allow saving password, and then test the connection. If you can connect successfully, click the `OK` button



1. Let’s import all the data by writing a query.



1. Use the query `SELECT \* FROM yelp\_user;` to return all the rows in the users table. Click the `Validate` button to make sure all is well.



1. Click the `Finish` button. Your data should import and show the following success message. Your data will be loaded to the spreadsheet.

