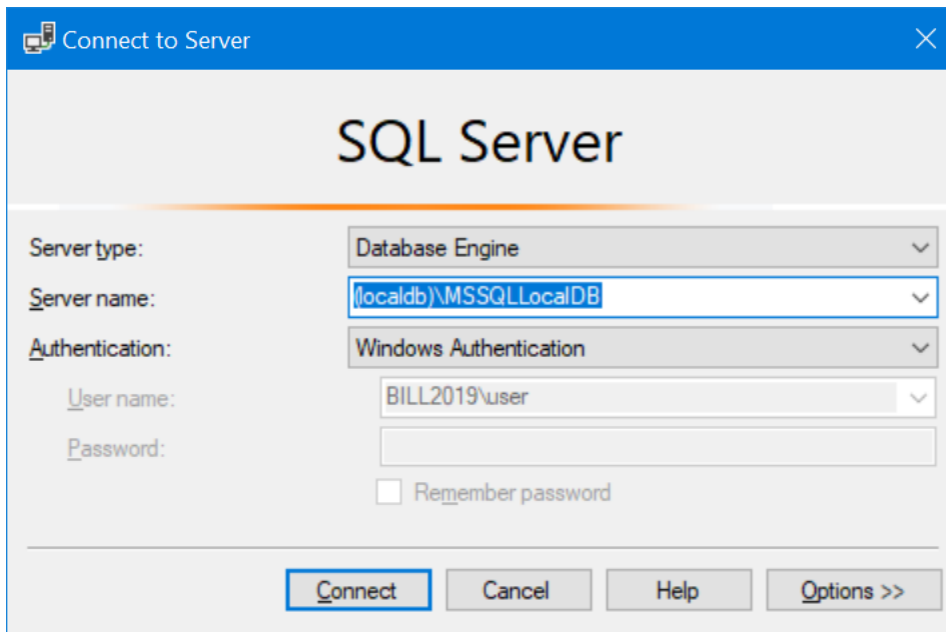


Loading Databases

I recommend using SSMS (SQL Server Management Studio) for this. On the lab machines this is under Microsoft SQL Server Tools 17 > Microsoft SQL Server Management Studio 17.

The first screen to appear when running SSMS is shown below:

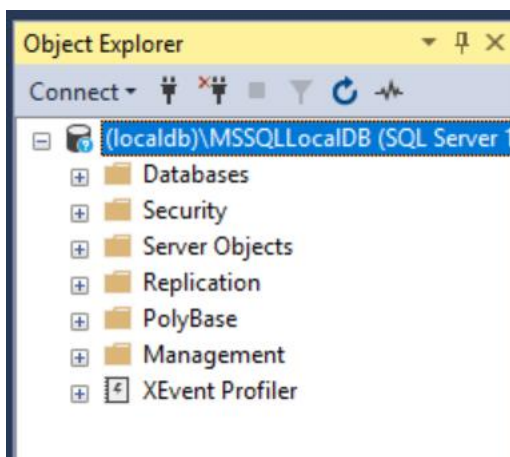


Make sure you fill in the server name. It seems to default to the last server name entered. The server name for CTEC 135 is: **(localdb)\MSSQLLocalDB**. This is the database built into Visual Studio. I had some issues when I used all lowercase. If all lowercase doesn't work try the mixed case string above. Lab machines also have an instance of SQLExpress. If you are using your own machine and have installed SQL Express on it, you will need the server name you used when installing the product.

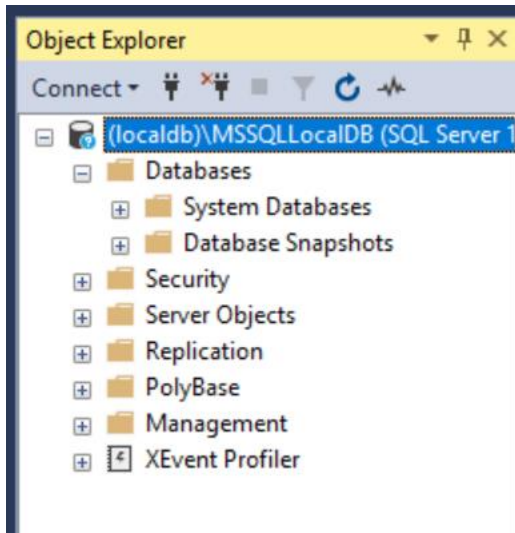
1. Restoring From Backup

Expand the Databases folder to see what is there.

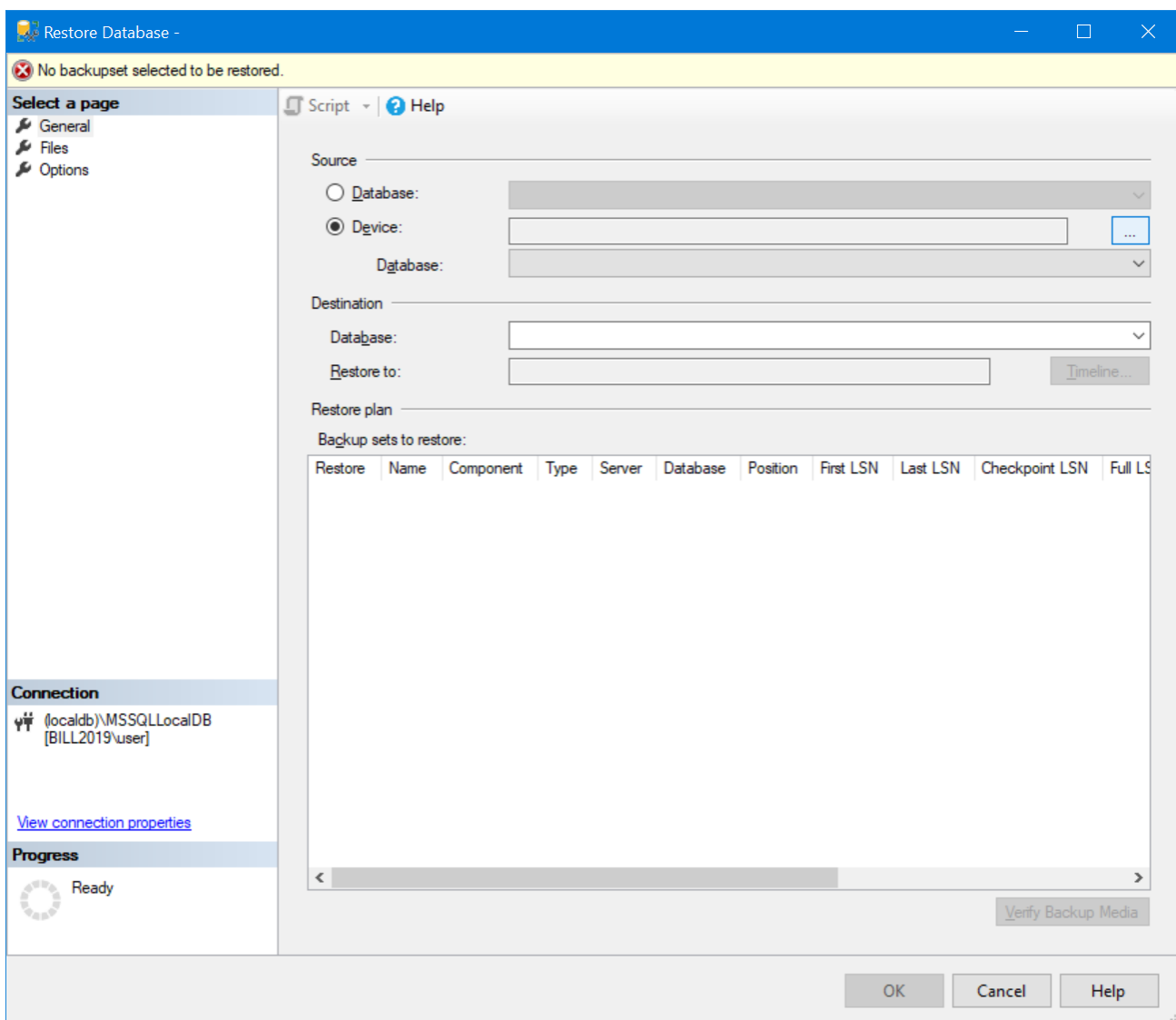
Contracted:



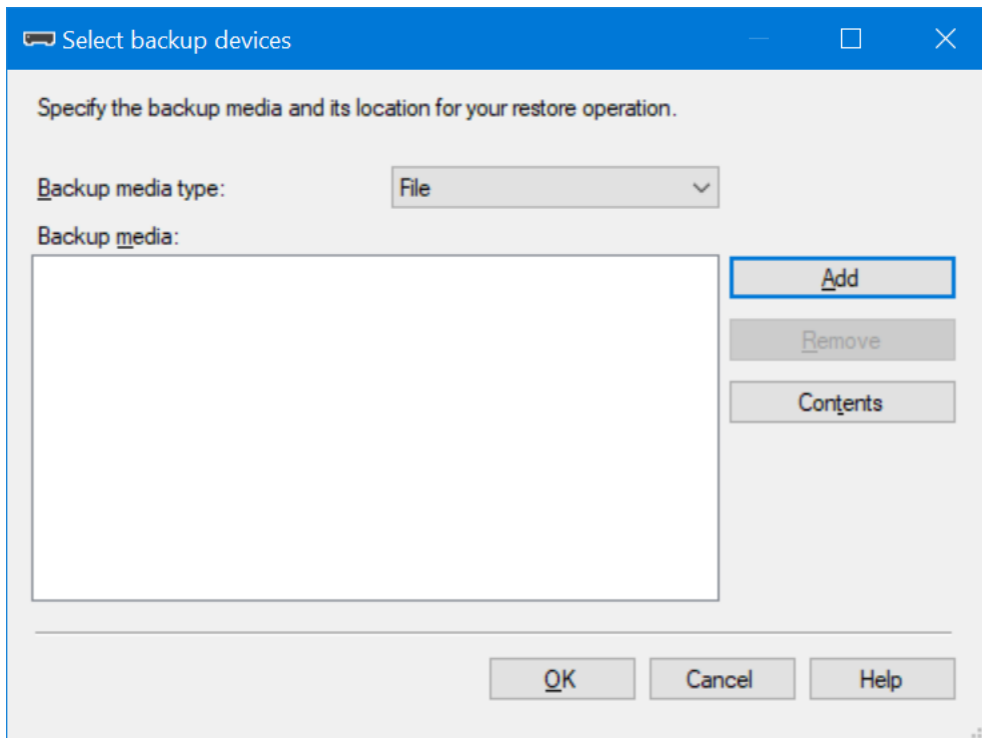
Expanded



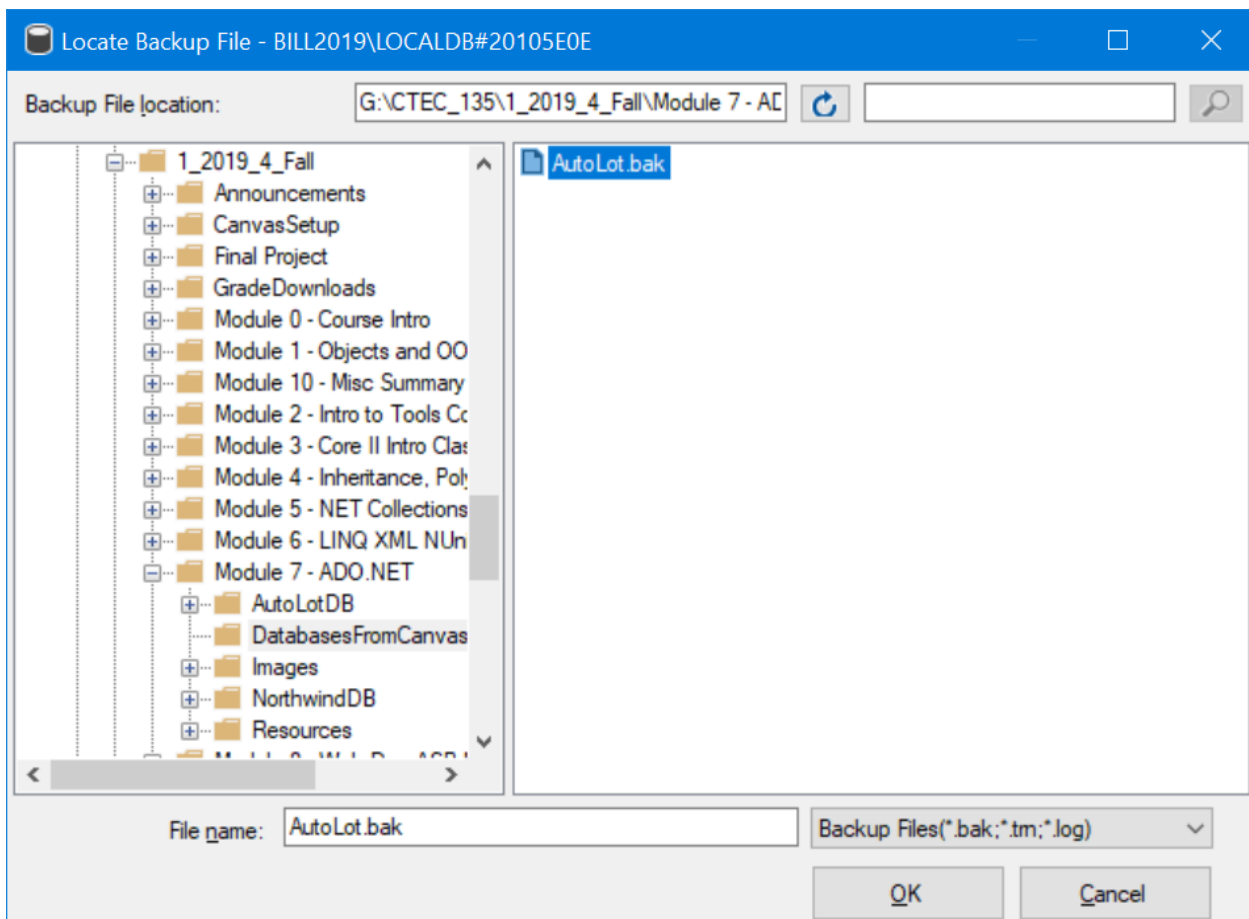
Select Databases, right-click and select Restore Database... To restore from a backup file select "Device" under source and click on the button on the far right that is highlighted in light blue.



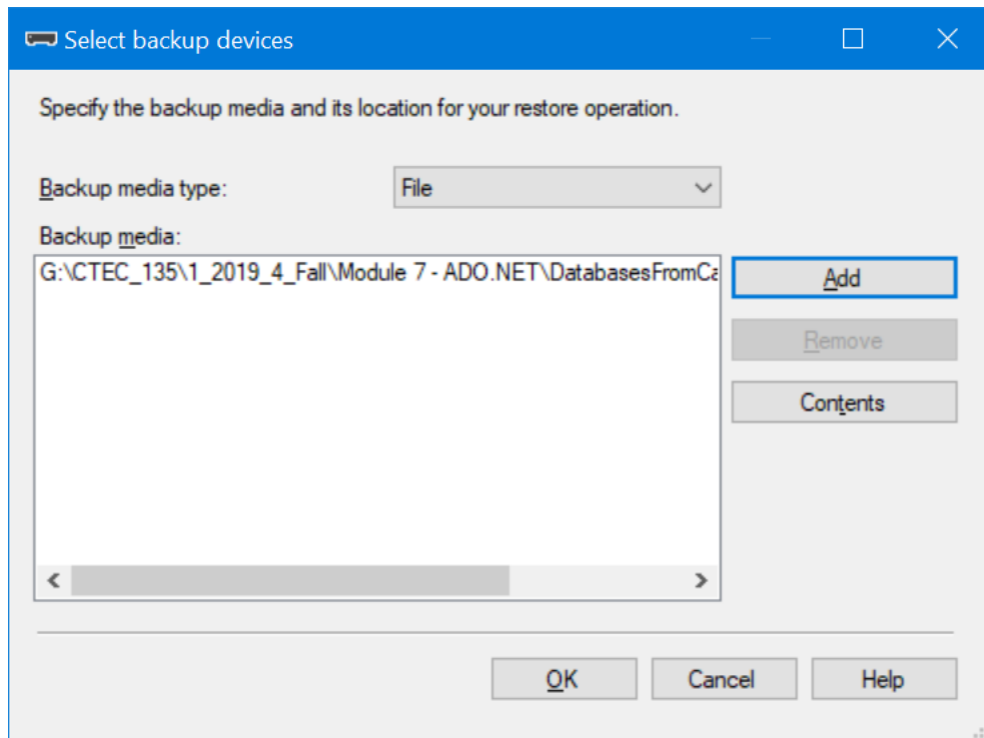
That should give you this:



Click the add button. That will give you a file location dialog. Navigate to wherever your backup file is located, select the backup file and click OK.

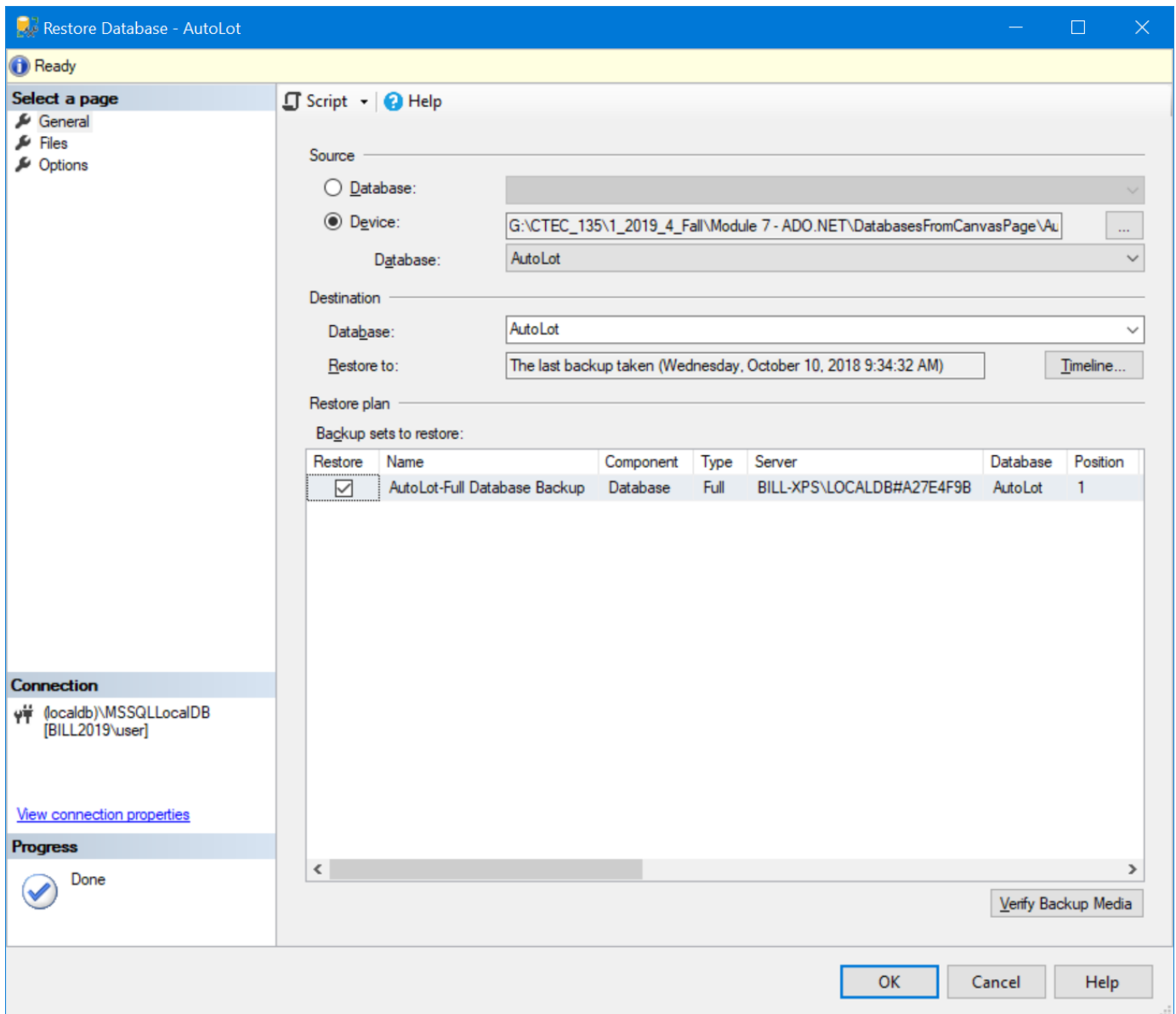


That should result in something like:

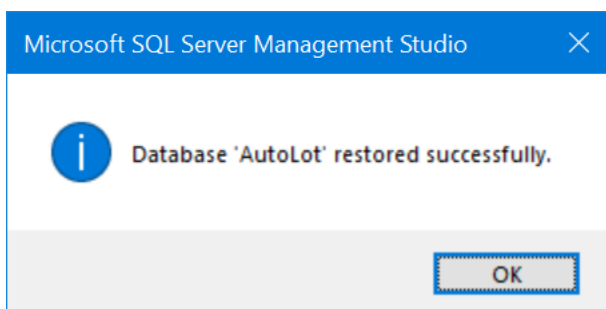


Click OK on this dialog.

That should result in something like: **Note** you can change the name of the database at this point.

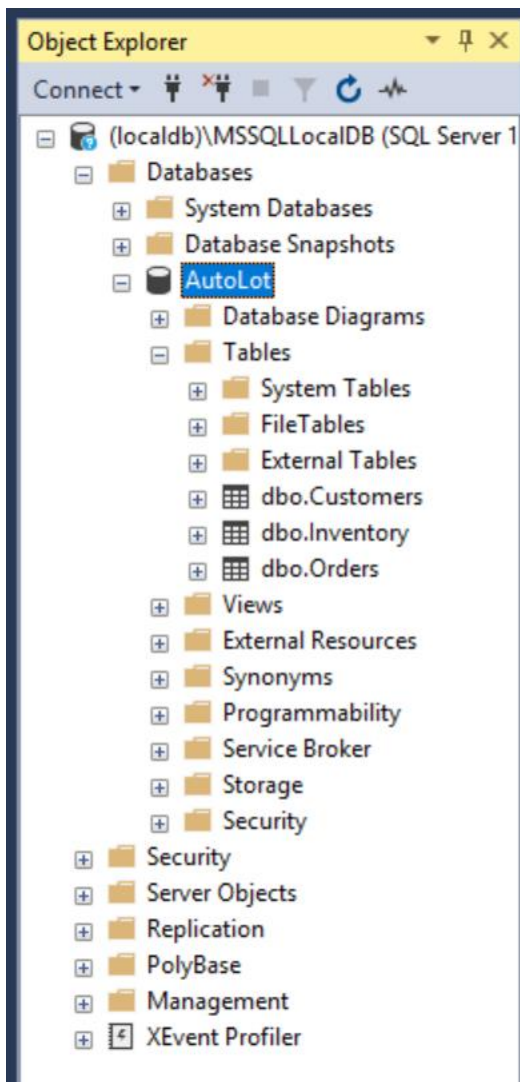


Click OK on this box and you should see a success message.



You are done.

As a test to verify that the restore worked properly, expand the AutoLot database and then expand Tables. You should see



You can further test the restore by doing a simple query.

- Open a query edit pane using File > New > Query with Current Connection or Ctrl-N.
- Type the following in the query pane: `select * from Inventory`
- Click on the “Execute” button or F5.

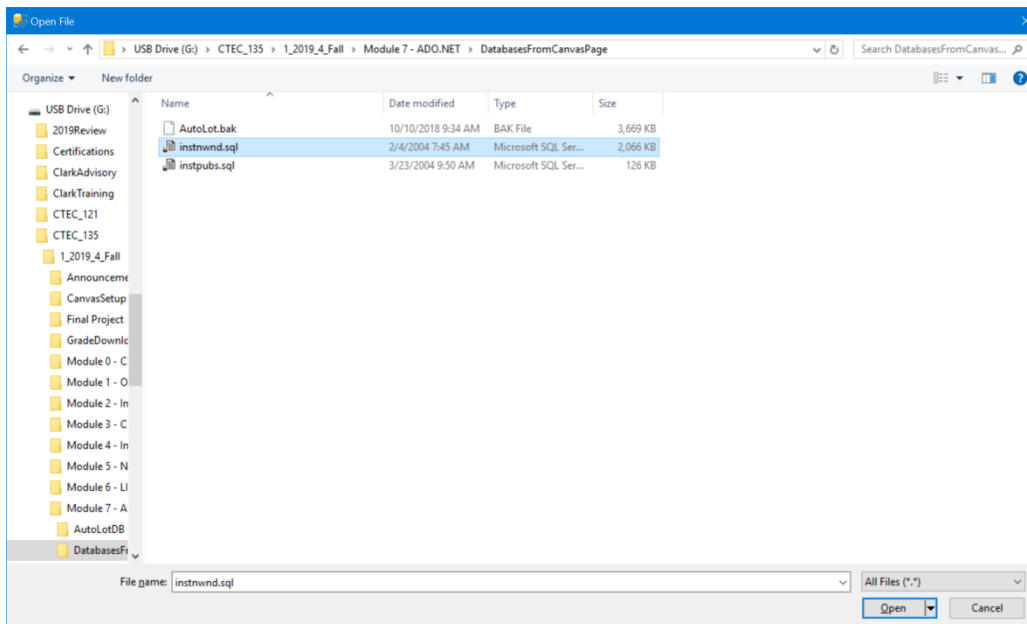
That should give you something like:

The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'AutoLot', including tables like 'dbo.Customers', 'dbo.Inventory', and 'dbo.Orders'. The central query editor pane contains the SQL query `select * from Inventory`. The 'Execute' button in the toolbar is highlighted with a red box. Below the query editor, the 'Results' tab shows a table with 7 rows of data. The status bar at the bottom indicates 'Query executed successfully.' and '7 rows'.

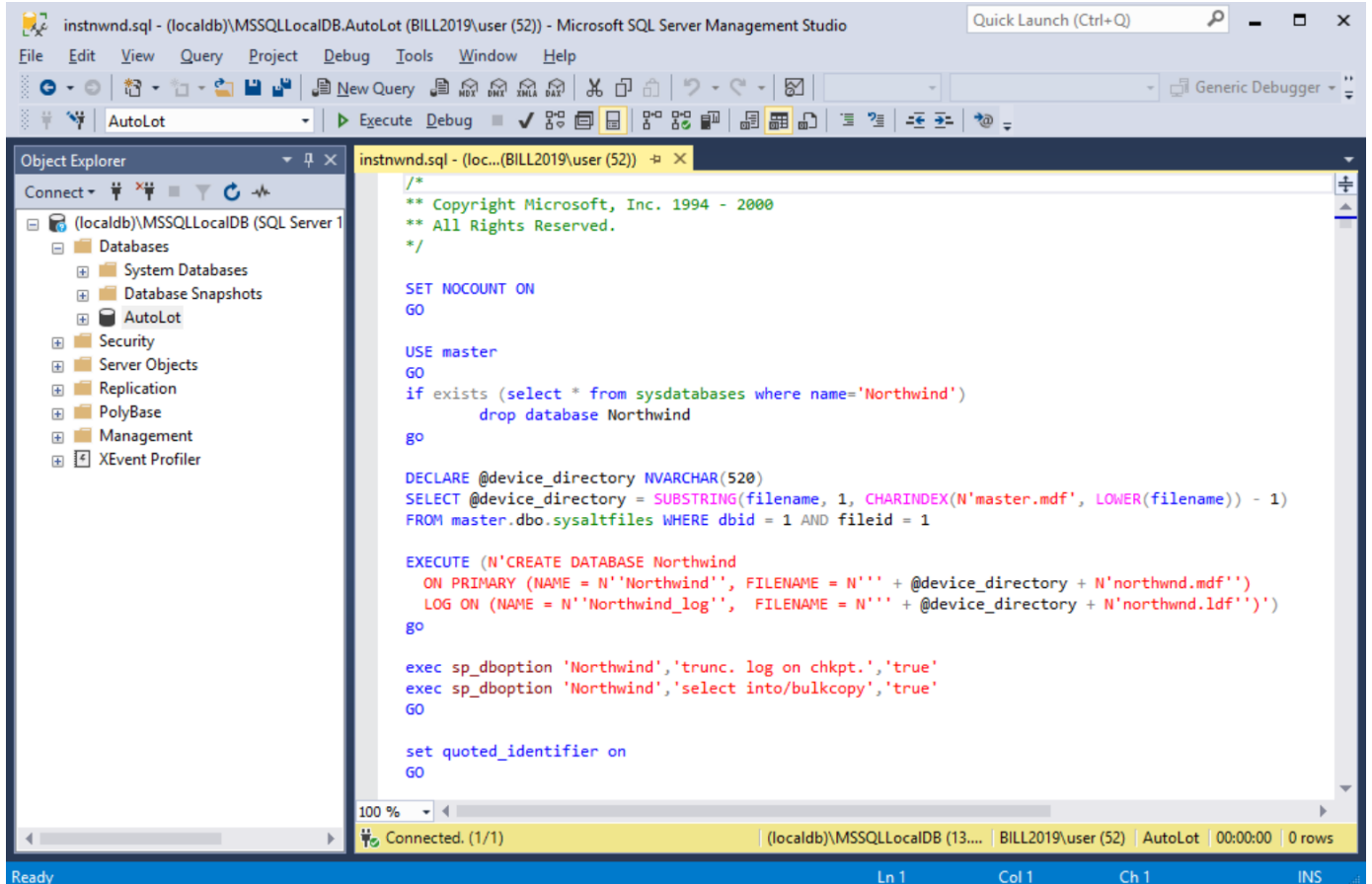
	CarId	Make	Color	PetName
1	1	VW	Black	Zippy
2	2	Ford	Rust	Rusty
3	3	Saab	Black	Mel
4	4	Yugo	Yellow	Clunker
5	5	BMW	Black	Bimmer
6	6	BMW	Green	Hank
7	7	BMW	Pink	Pinky

2. Running an Install SQL File

To run a SQL file use File > Open > File... This will open a folder navigation dialog. Navigate to your install SQL file, select it and click Open.



This will open a query edit window. For the Microsoft Northwind database this is over 9,000 lines



Run the query by clicking on the Execute button.

When I ran this, I got an error message stating it couldn't find some stored procedures. That didn't seem to be a problem. The database seemed to correctly install without them.

To verify that the database is installed, right-click on Databases in the explorer window and select Restore. You should see the Northwind database. At this point you can expand Tables to see the tables in that database.

You are done.

The Pubs database install also showed an error stating it couldn't find a stored procedure. It also had a bunch of information messages.