

Setting up Voltech AT Server Result's to use Azure Hosted SQL database

QUESTION

Can I use the AT SERVER to write directly to a cloud hosted AZURE database?

ANSWER

Yes, this can easily be done.

The only issue to be aware of is that Azure requires "Clustered Indexes" to work which don't automatically set when you import a MDB database into AZURE.

The following steps walk you through the set up and import of a traditional MDB database into AZURE and explains how to convert the indexes.

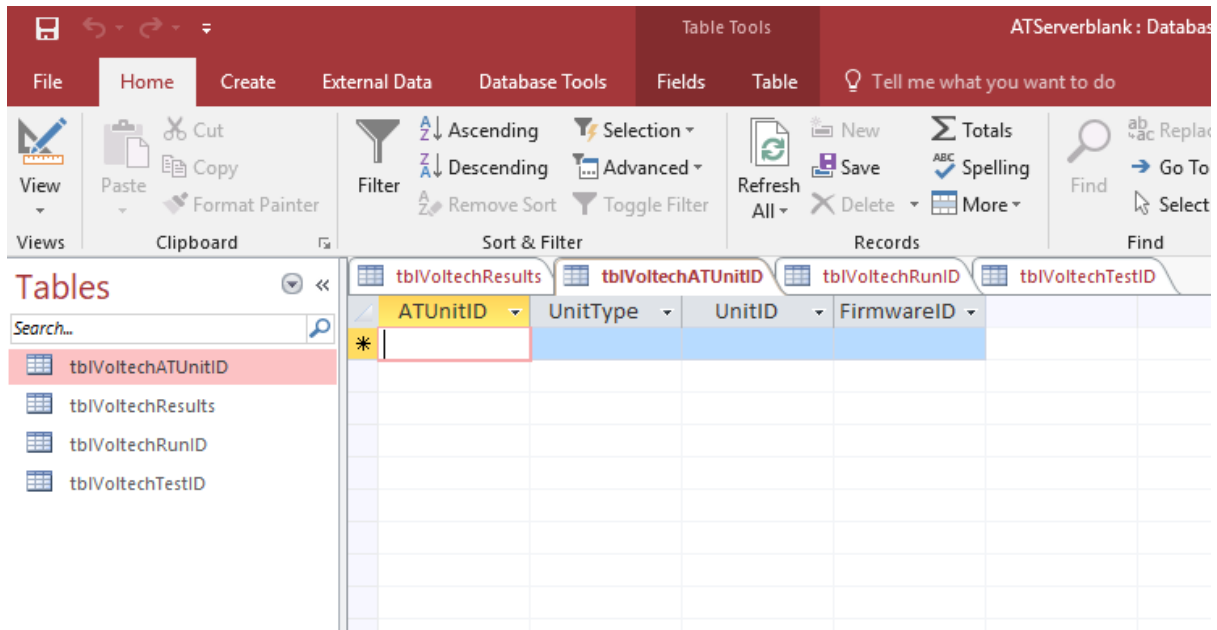
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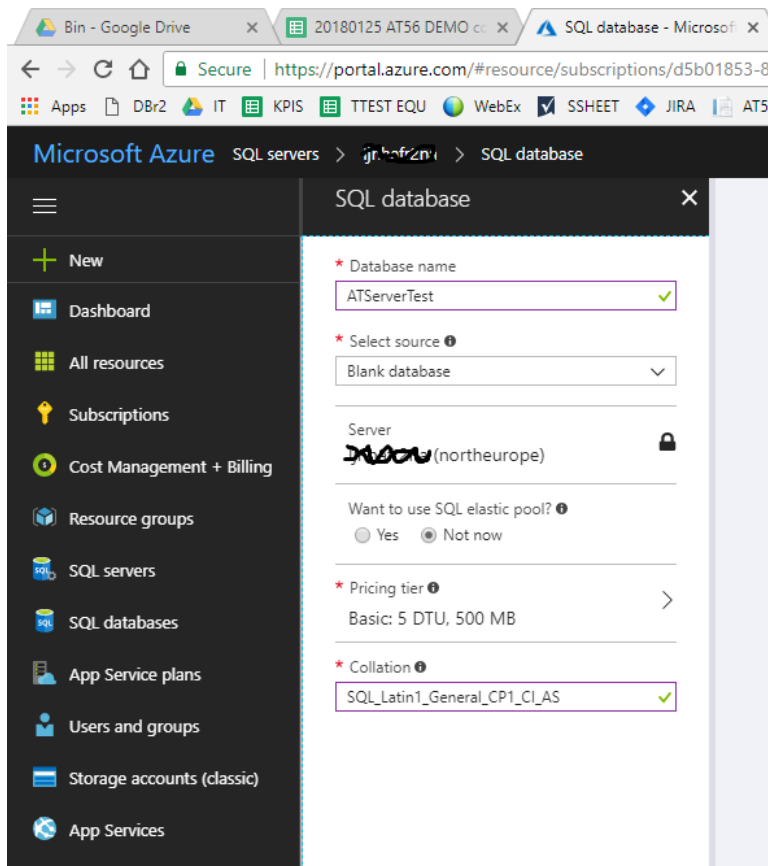
A, SETUP DATABASE on AZURE (or import existing MDB)

1, Create a blank MS Access database (Mdb) and connect to AT SERVER – this will initialise the 4 database tables ready for import to SQL.

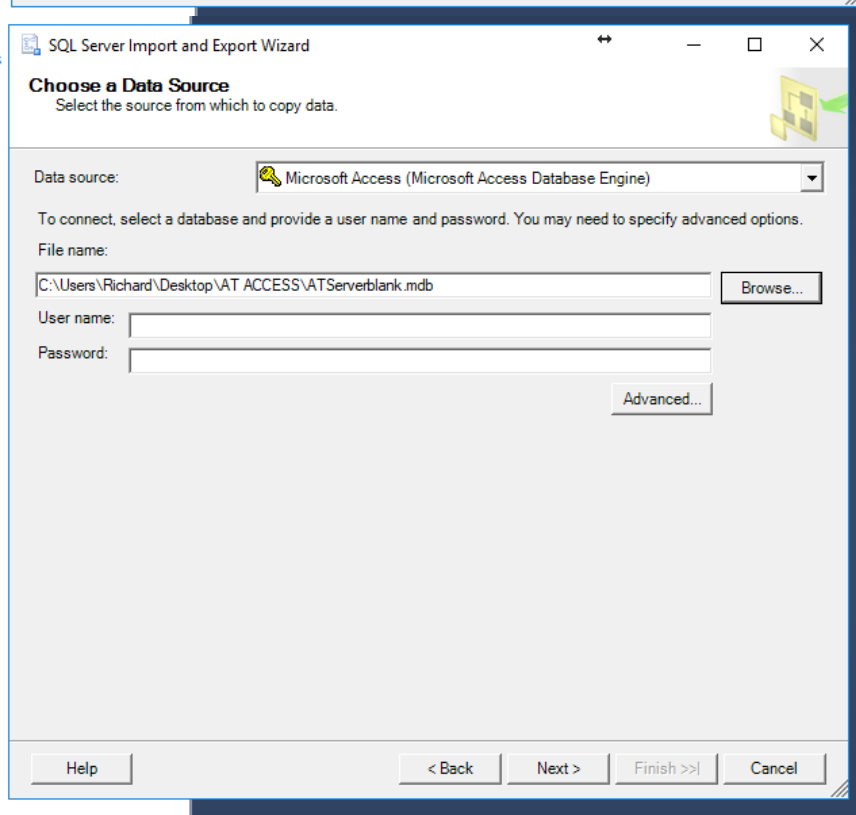
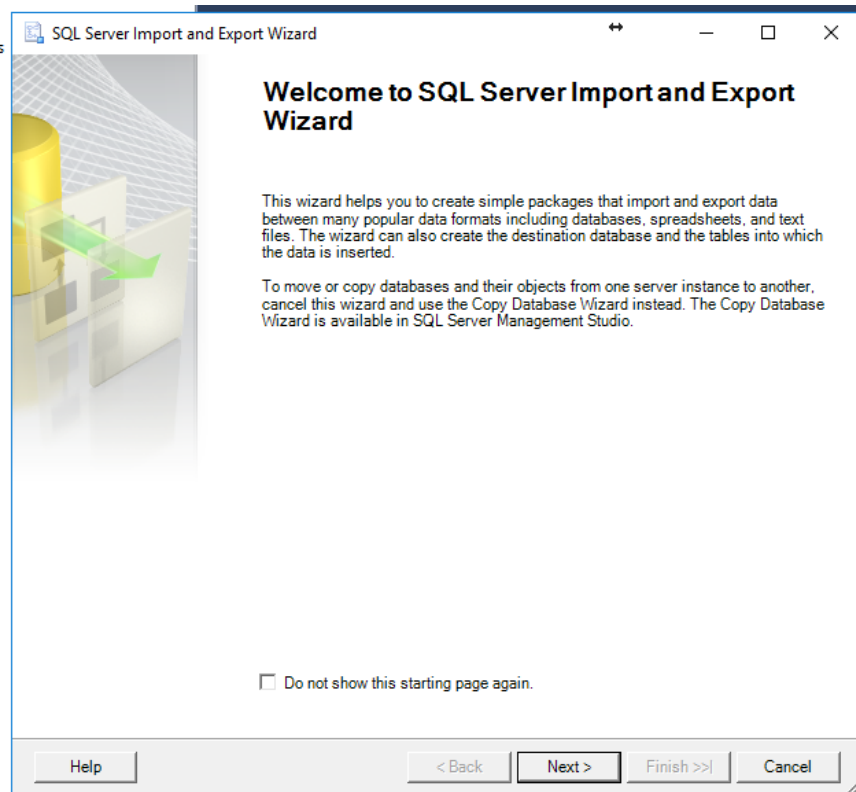
Alternatively, you may already have a MDB database with results ready to import.

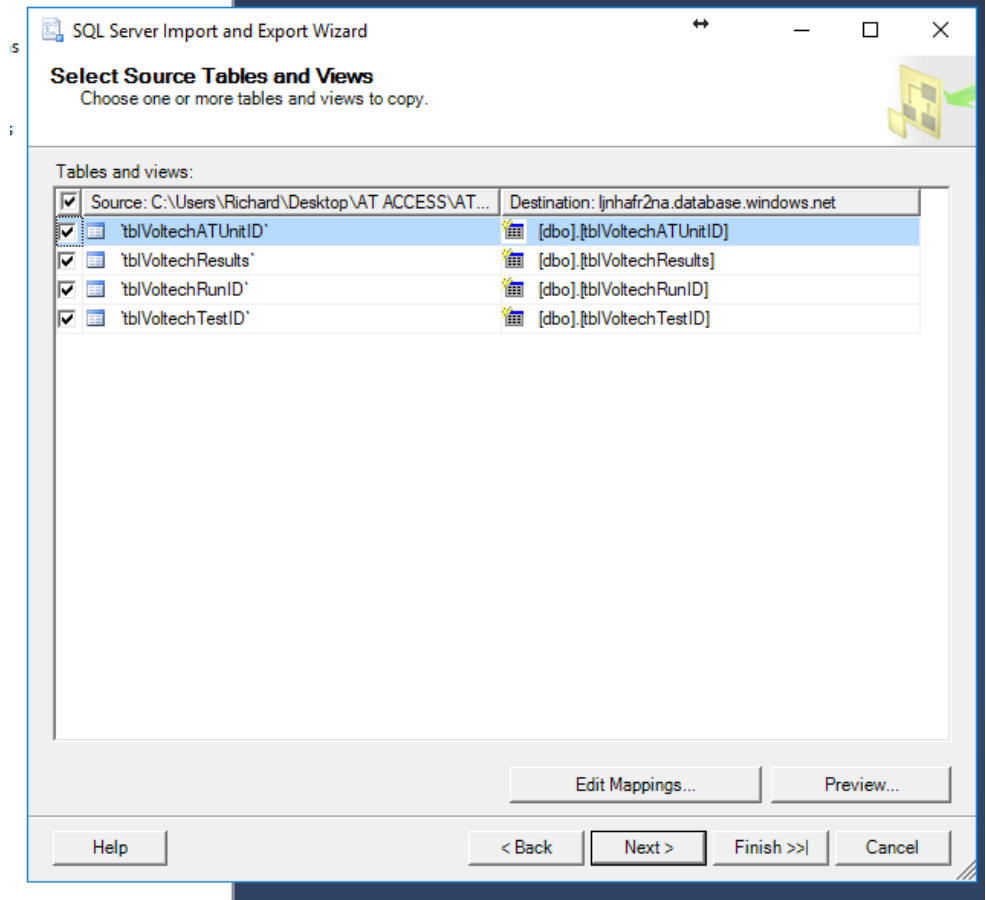
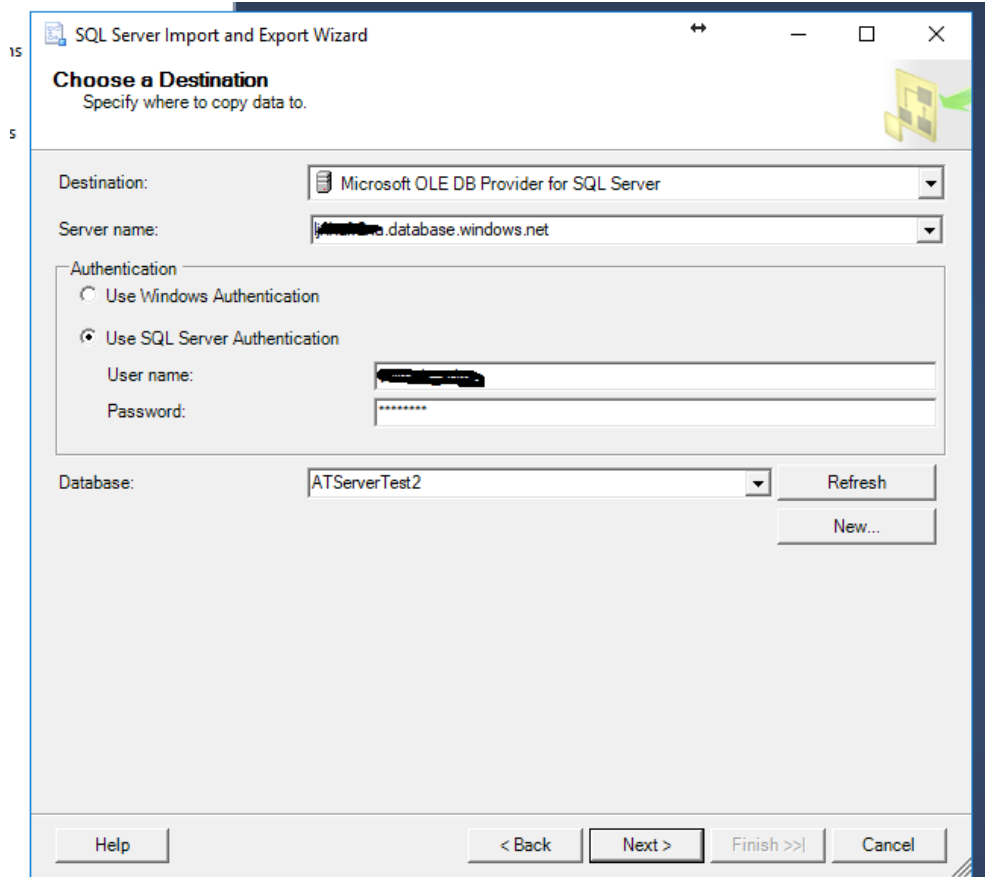


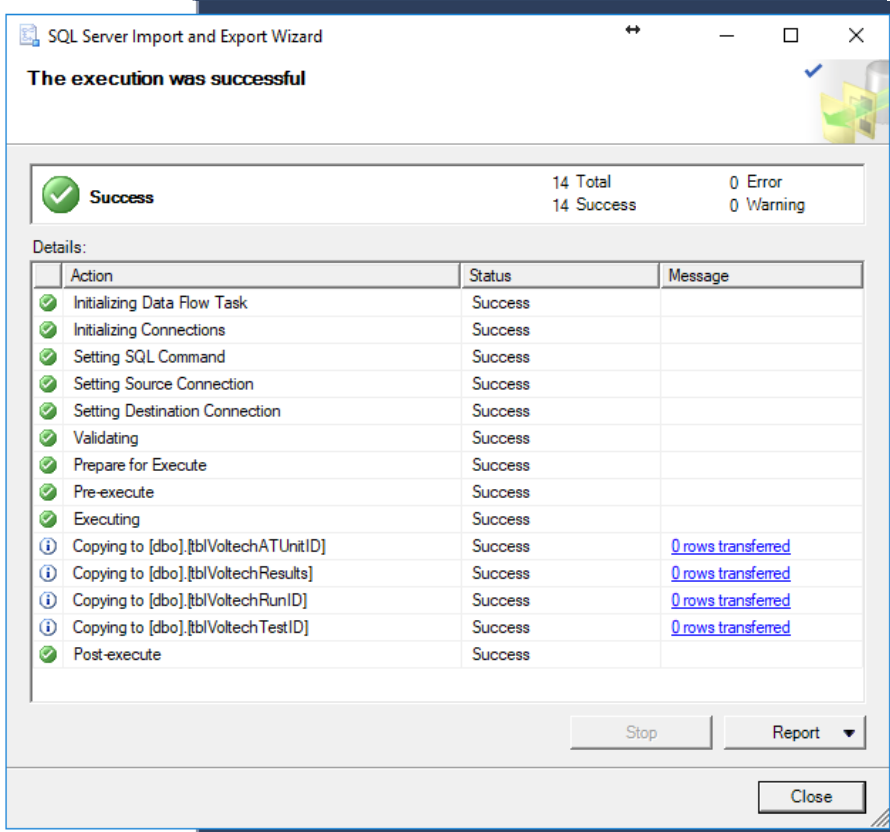
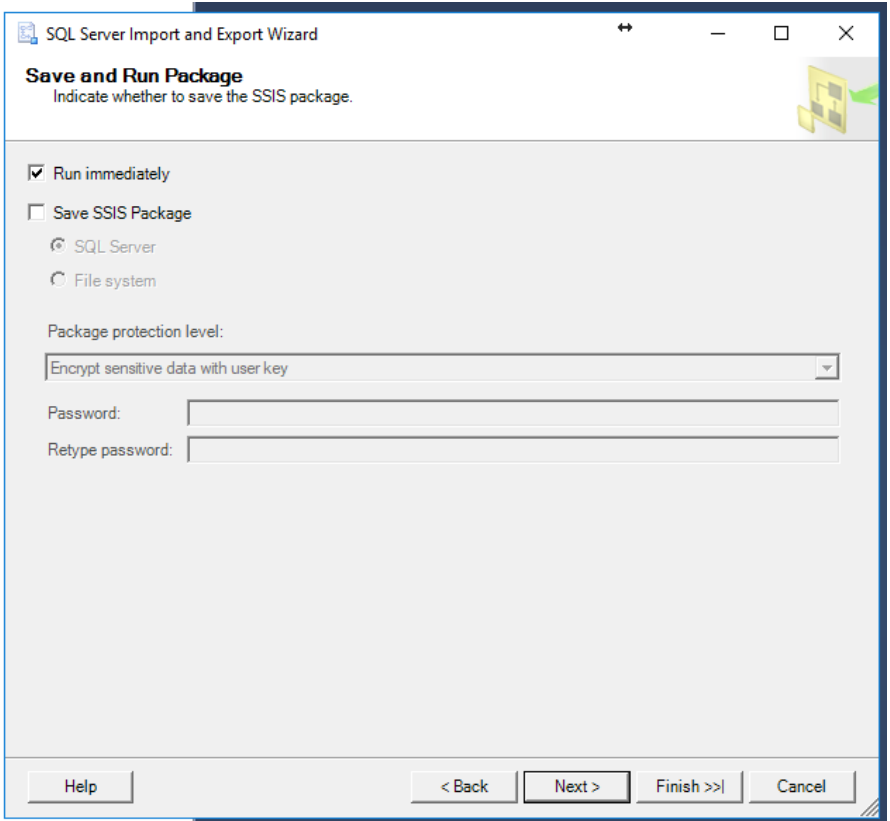
2, Create a blank database on your AZURE hosting site using the web portal

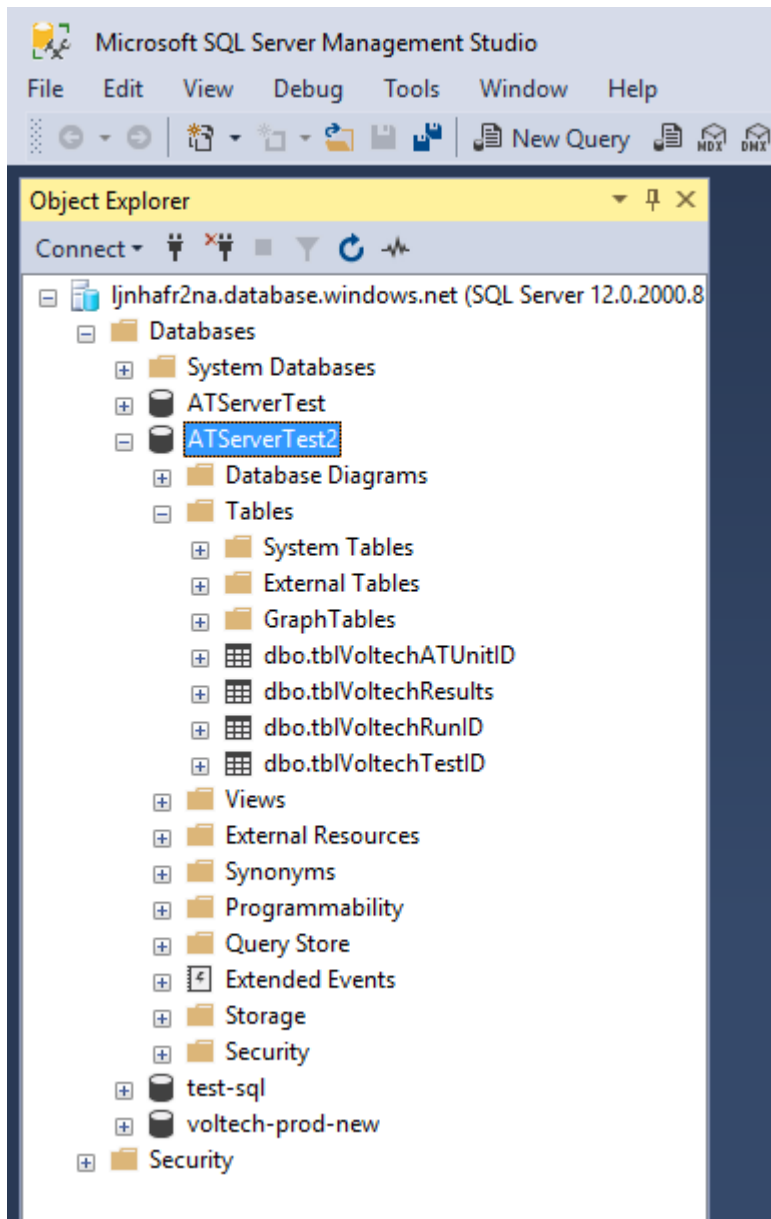


3, Next import your MDB into the AZURE SQL database using the SMSS import wizard or similar





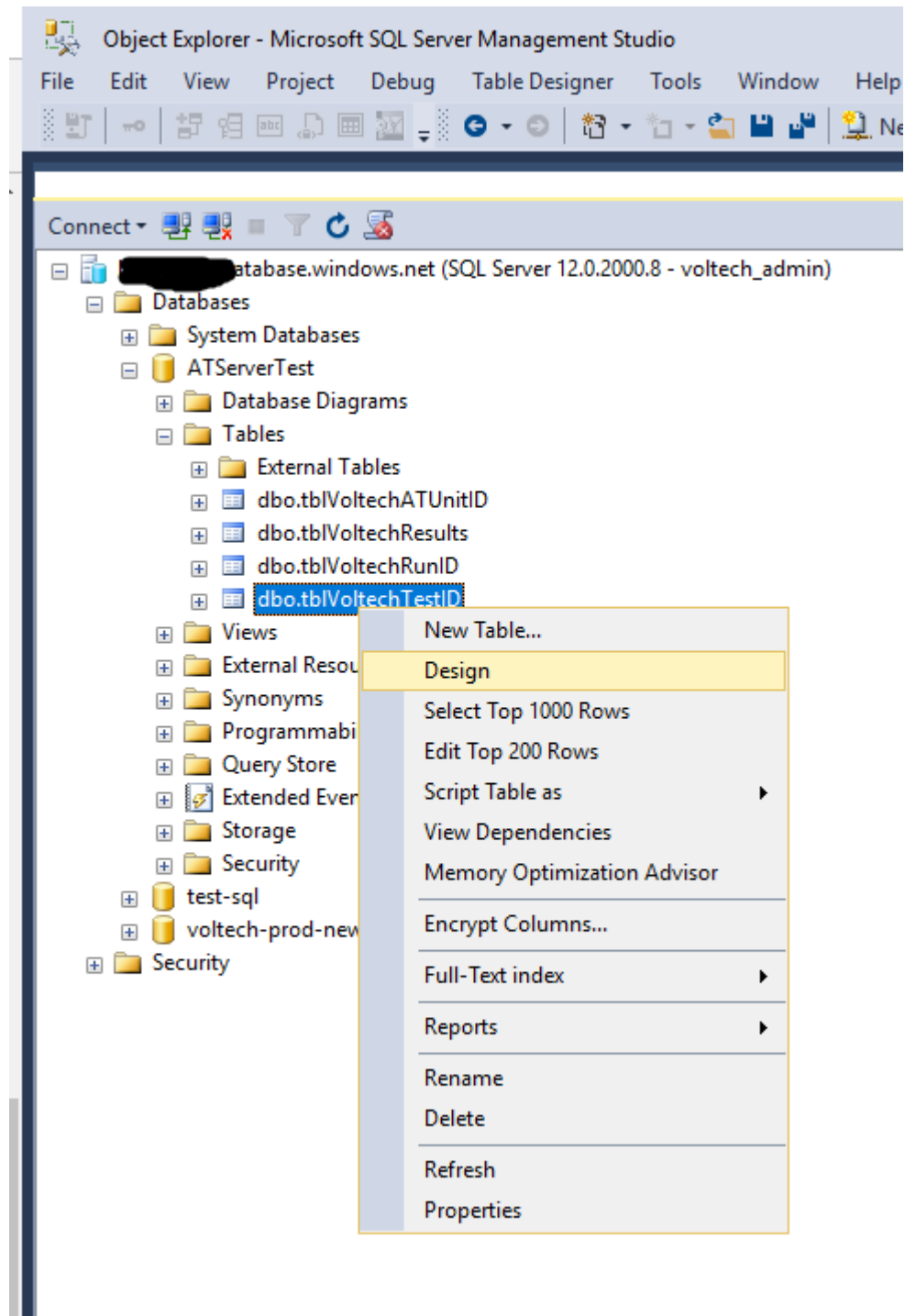


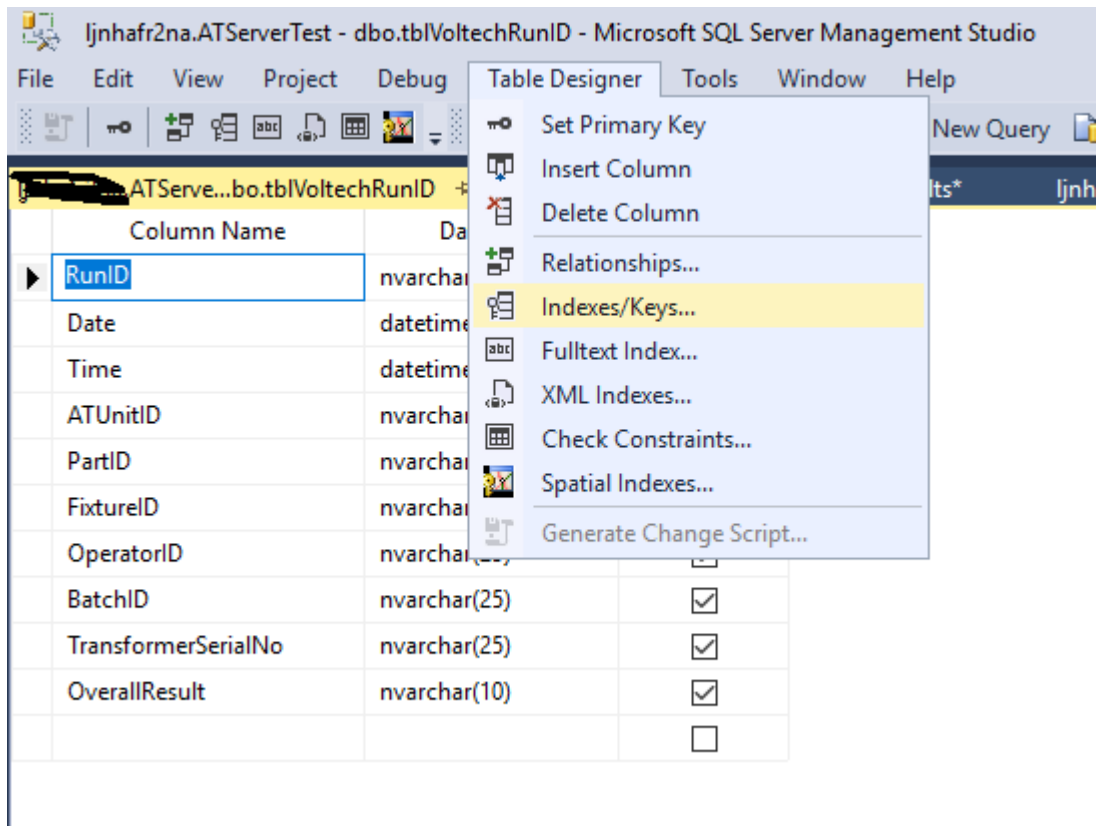


The 4 tables from the MDB now are imported into the SQL database

B, CONVERT 4 x SQL indexes to be CLUSTERED

Do this for the Primary KEY for all 4 tables.





ljinhafr2na.ATServerTest - dbo.tblVoltechATUnitID - Microsoft SQL Server Management Studio

File Edit View Project Debug Table Designer Tools Window Help

Object Explorer

Column Name	Data Type	Allow Nulls
ATUnitID	nvarchar(25)	<input checked="" type="checkbox"/>
UnitType	nvarchar(10)	<input checked="" type="checkbox"/>
UnitID	nvarchar(10)	<input checked="" type="checkbox"/>
FirmwareID	nvarchar(10)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Indexes/Keys


Selected Primary/Unique Key or Index:

IX_tblVoltechATUnitID*

Editing properties for new unique key or index.

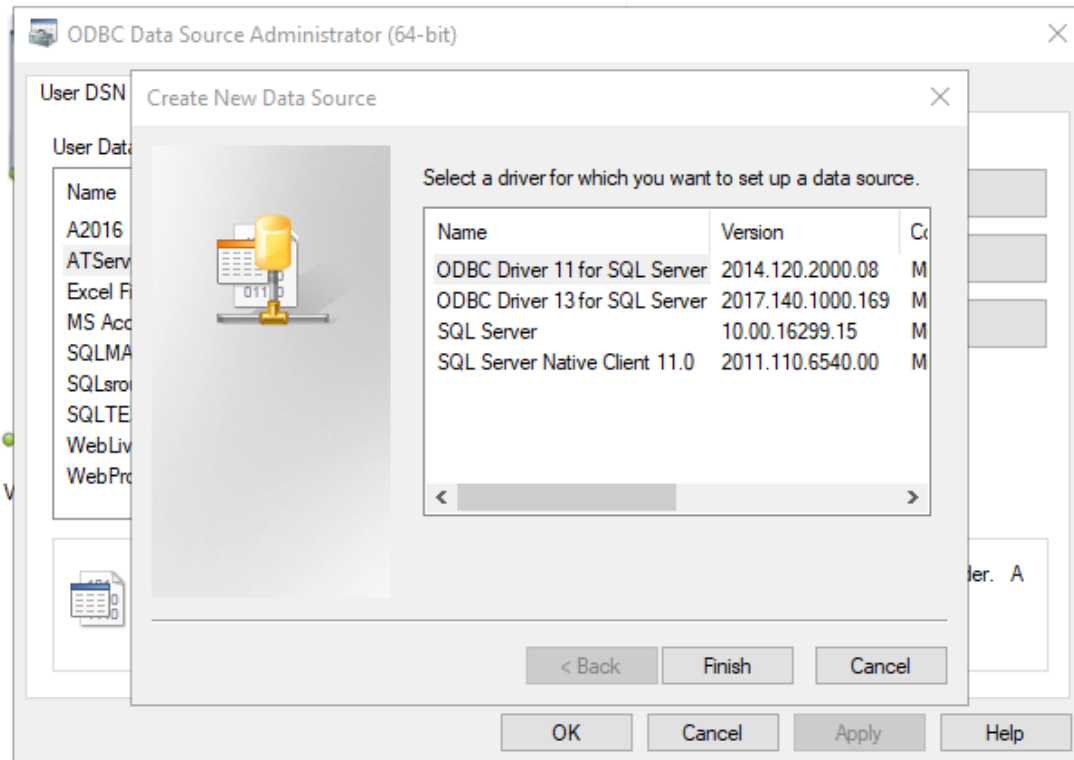
(General)	
Columns	ATUnitID (ASC)
Is Unique	No
Type	Index
Identity	
(Name)	IX_tblVoltechATUnitID
Description	
Table Designer	
Create As Clustered	Yes
Data Space Specification	PRIMARY
Fill Specification	

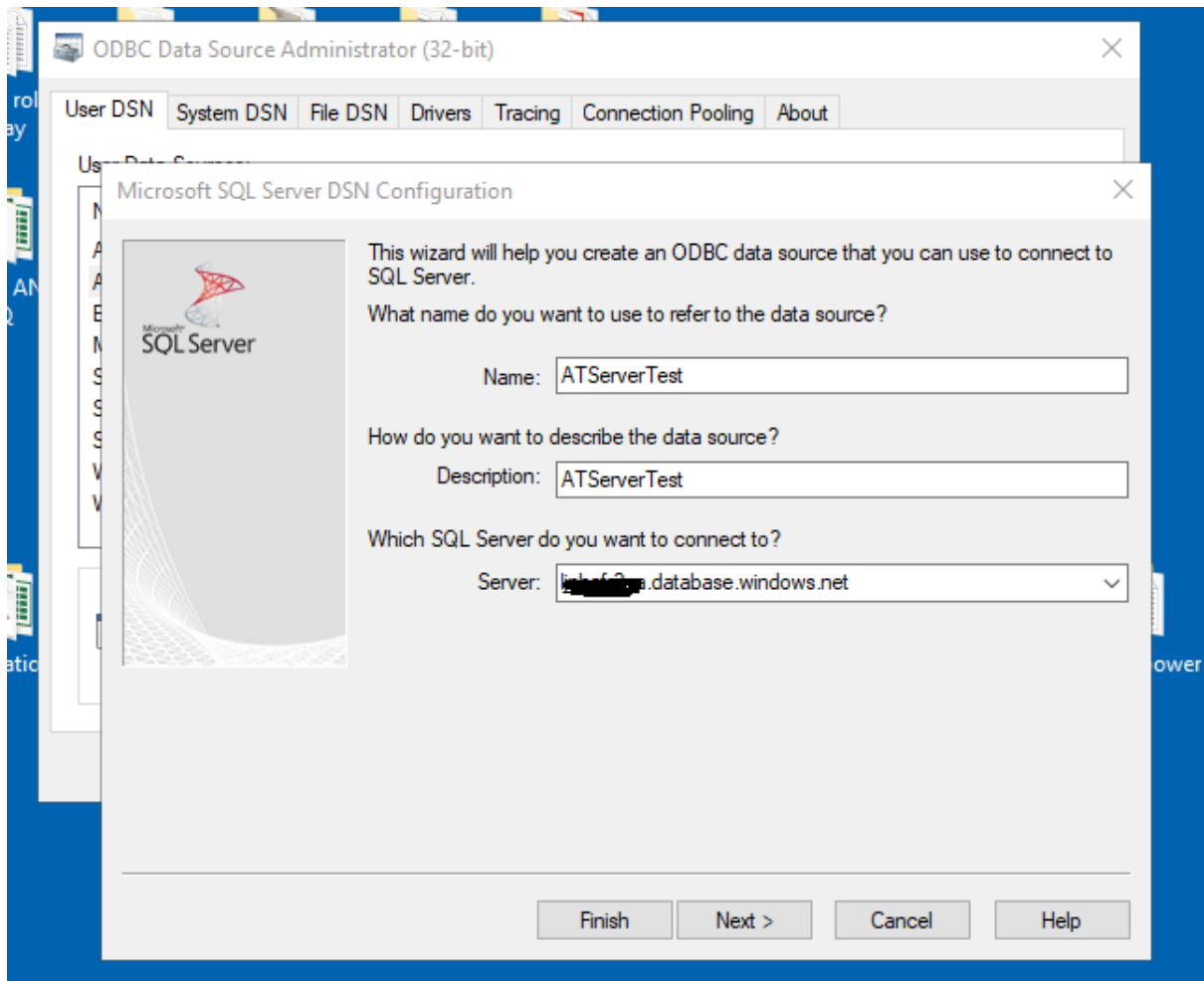
Add Delete Close

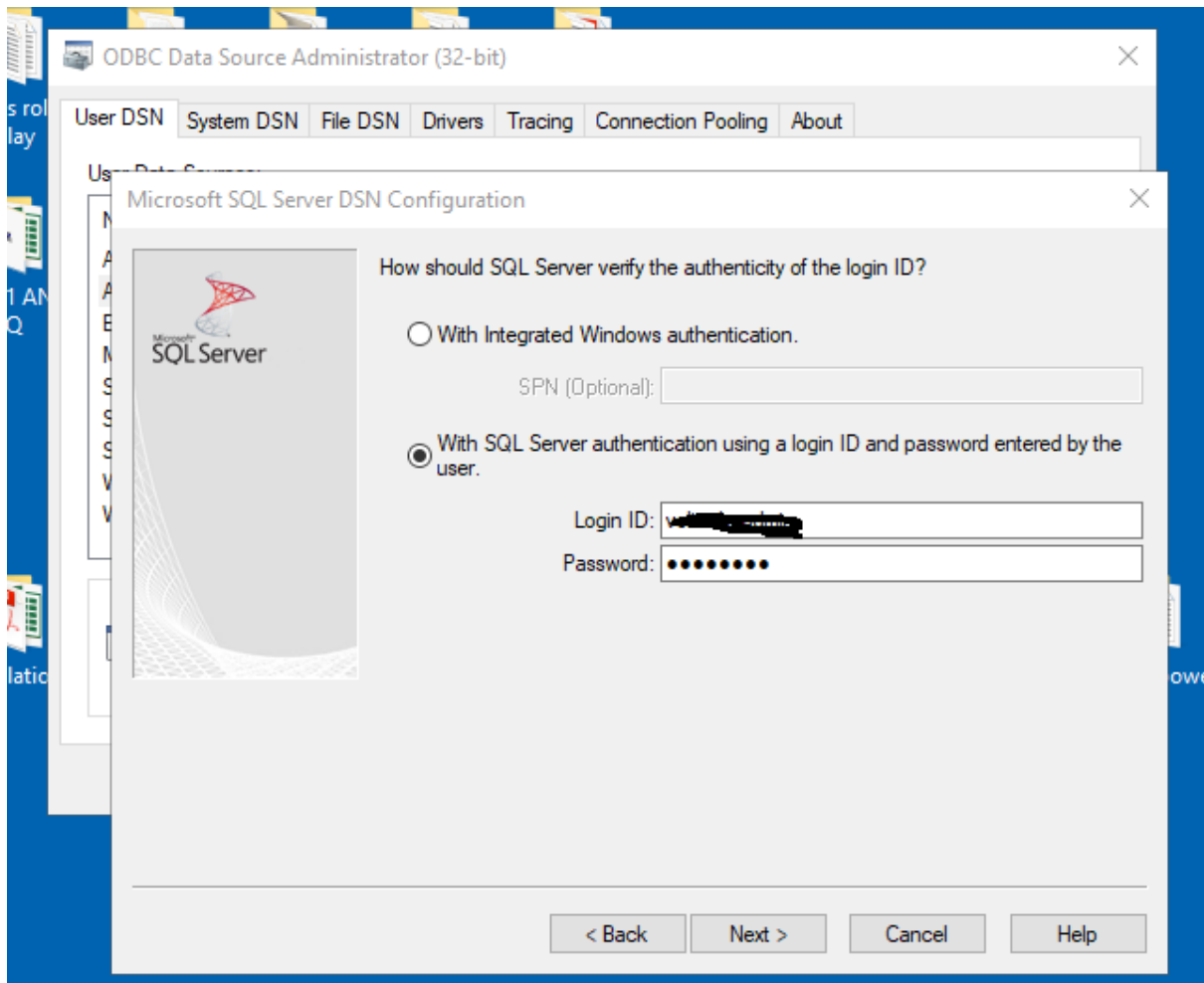


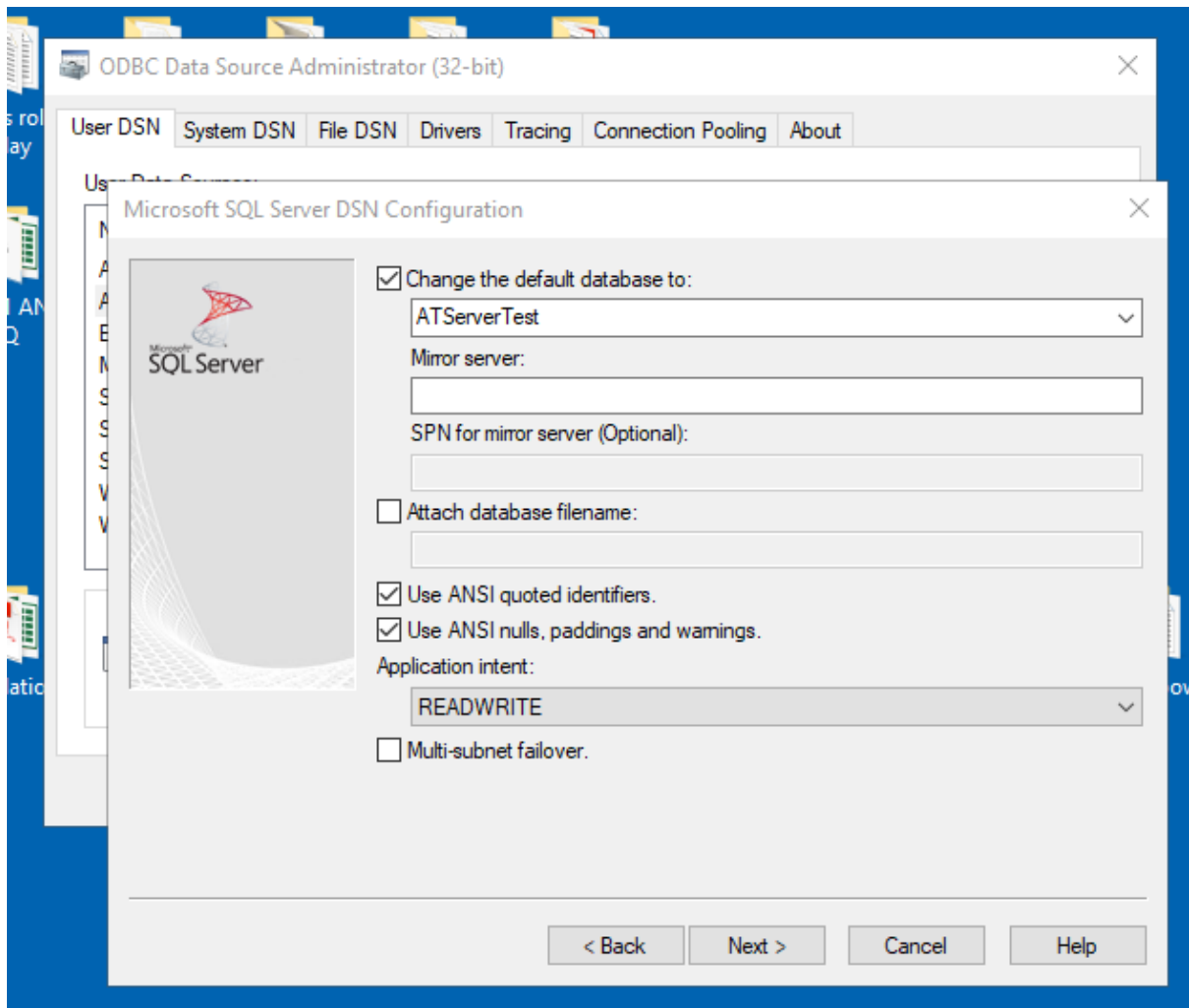
C, CREATE an ODBC data source to point to the SQL database

On the AT SERVER PC, create a new ODBC link









D, CONNECT the AT SERVER to the SQL DATABASE using ODBC

