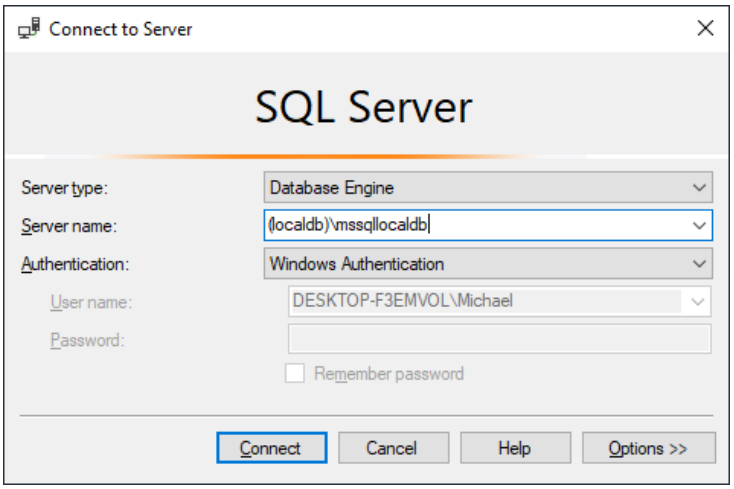
# Documentation – Connecting to back-end database

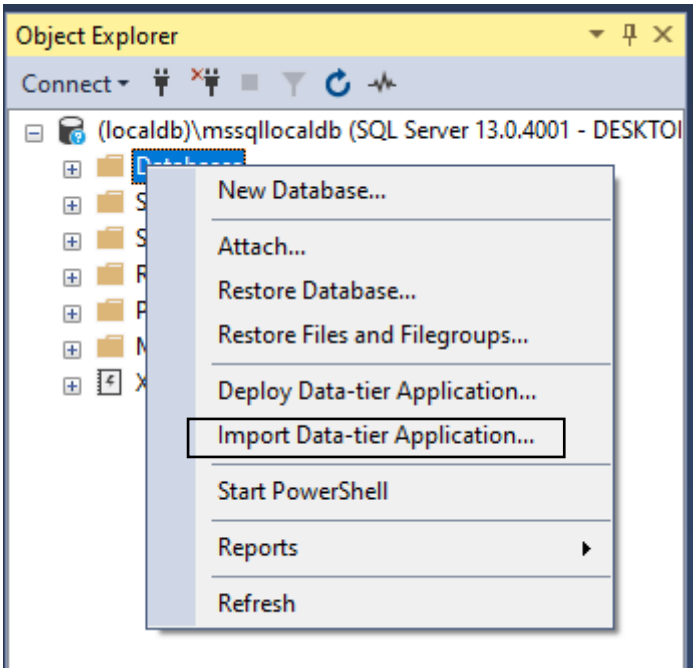
## Step 1

Open **Microsoft SQL Server Management Studio**. Connect to SQL Server **(localdb)\mssqllocaldb** as can be seen in the following screenshot.



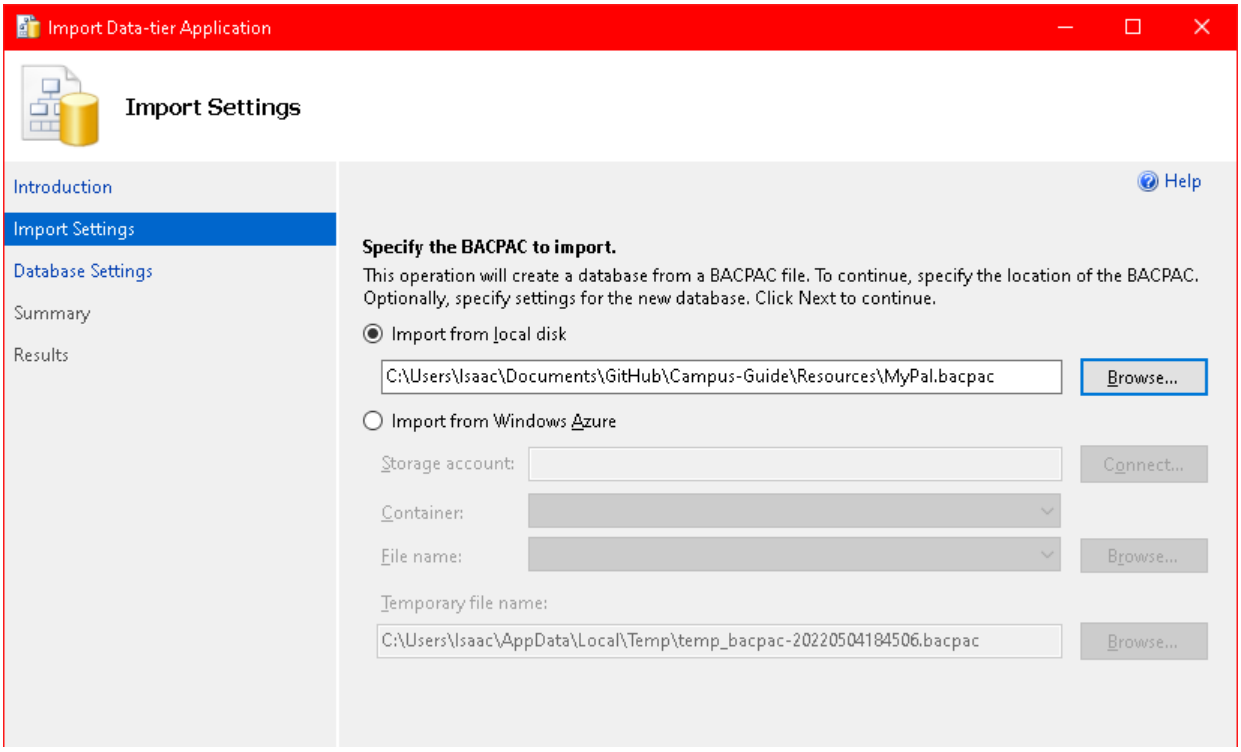

## Step 2

In the **Object Explorer** tab, right-click on Databases and select **Import Data-Tier Application**.



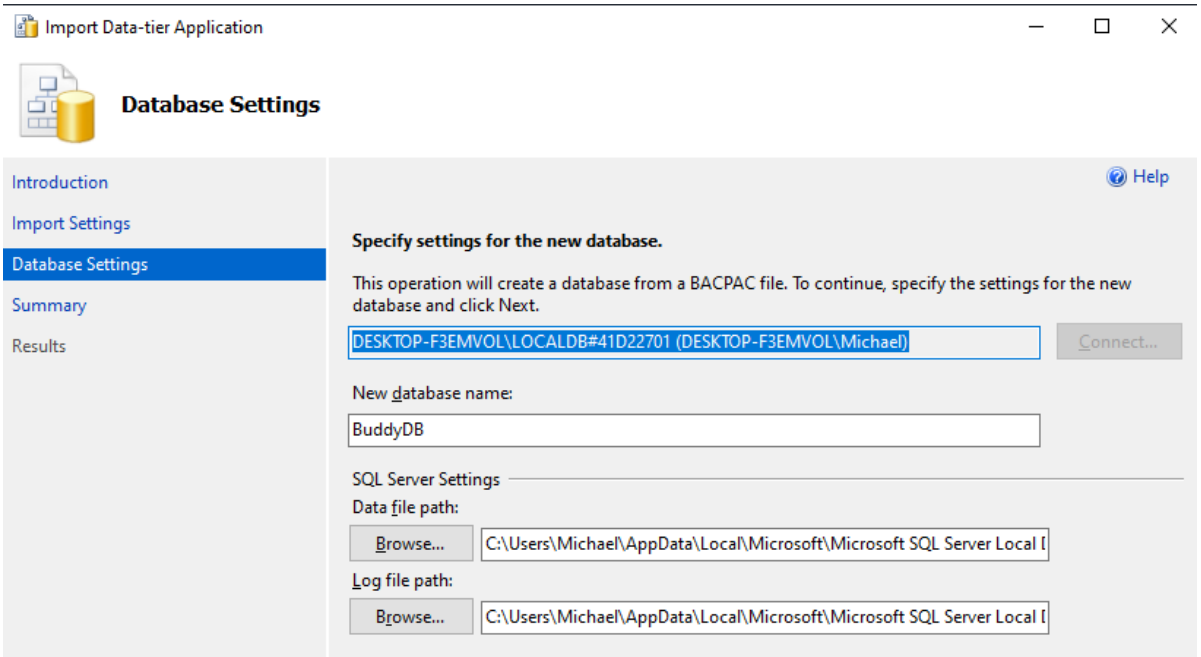
## Step 3

Click next until you find the **Import Settings** tab. Select **import from local disk** and **Browse** for the **MyPal.bacpac**. Then click **Next**.



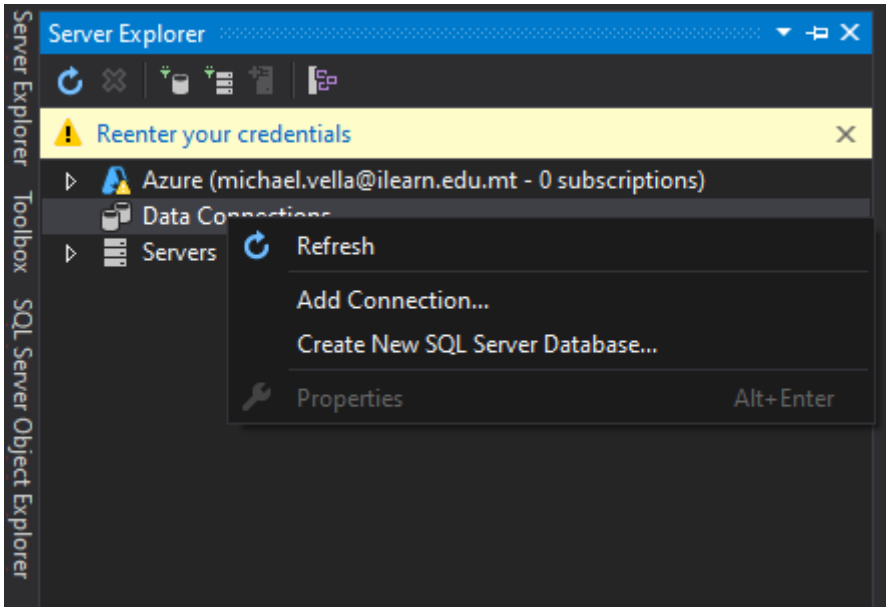

## Step 4

Enter **MyPal** as the database name and click **Next** again. Click **Finish**. These steps will create import the database created by the previous year under the database name **MyPal**.



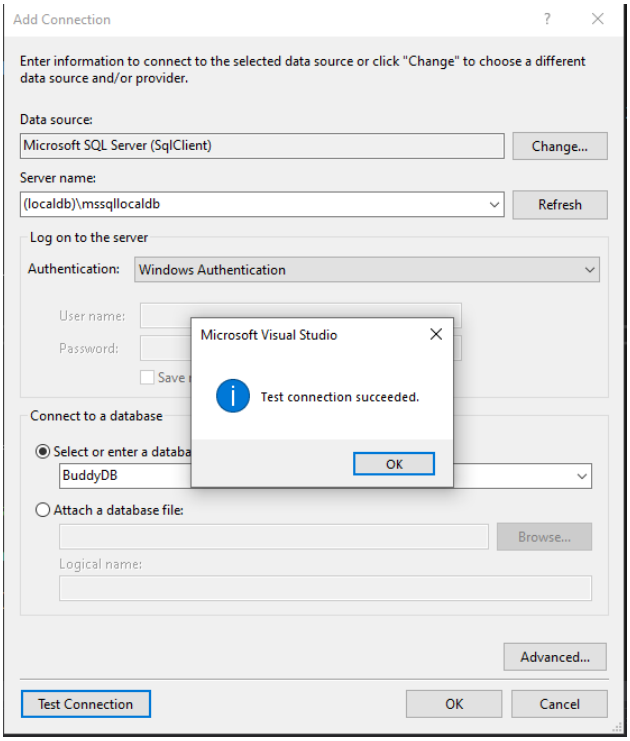
## Step 5

After creating the database, open **Visual Studio** and go to the Server Explorer Tab (View -> Server Explorer) and right click on Data Connections and click on Add Connection.



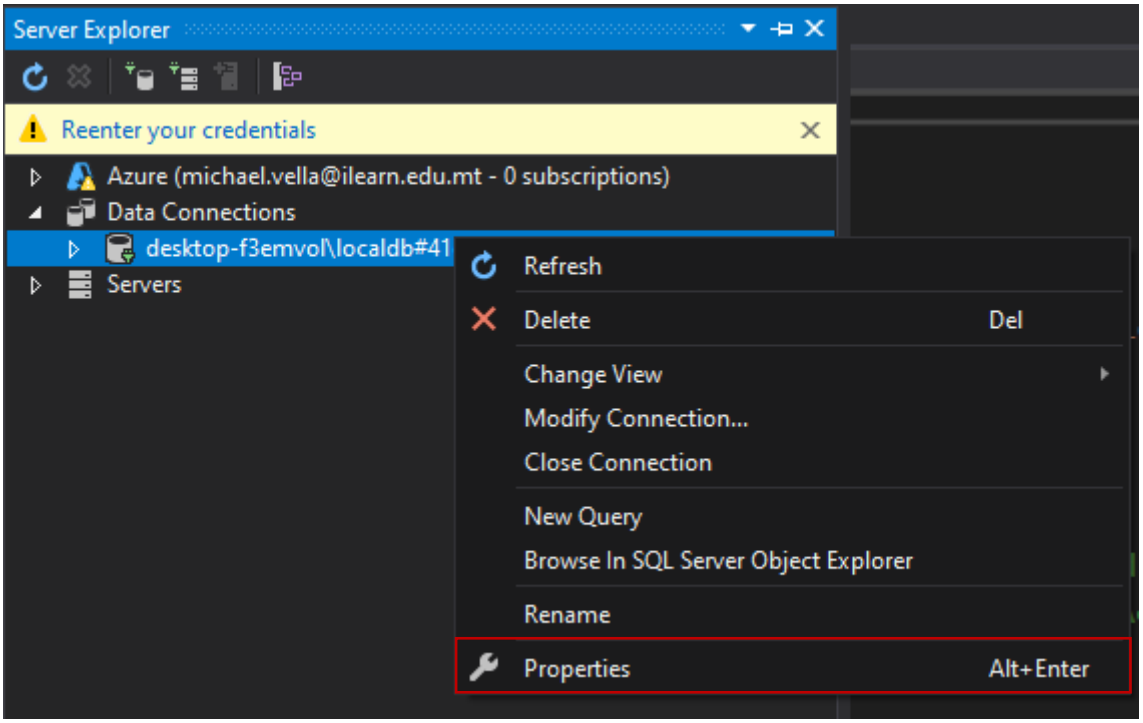

## Step 6

In the **Add Connection** tab, enter **(localdb)\mssqllocaldb** as the **Server Name** and **MyPal** as the **database name**. Click on the **Test Connection** button. A pop-up saying **Test connection succeeded** should be displayed. Then, click on **OK**.

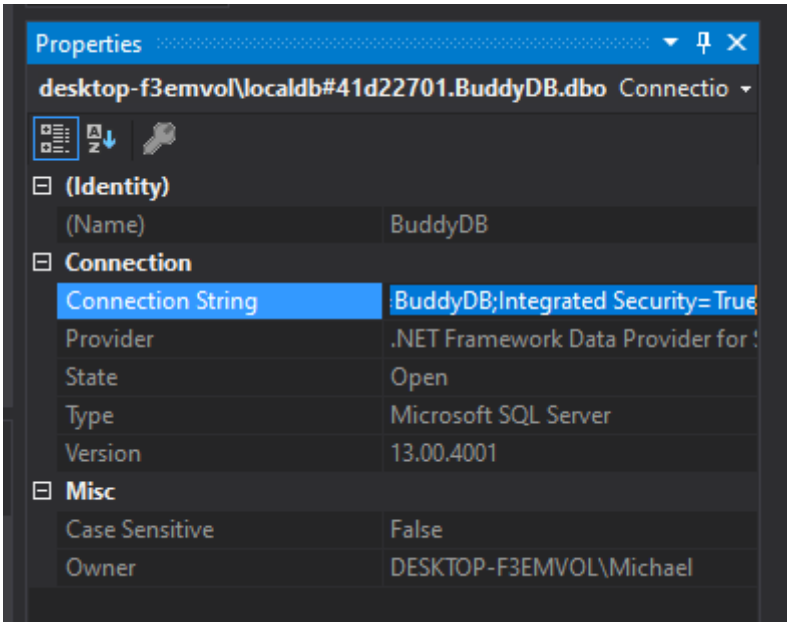


## Step 7

The connection to the database on **Microsoft SQL Server** is now created, however, we still have to specify the connection string in the **MyPal** project for it to work. First, let's getthe connection string for the data connection created. To do so, right click on the newly created data connection and select **Properties**.

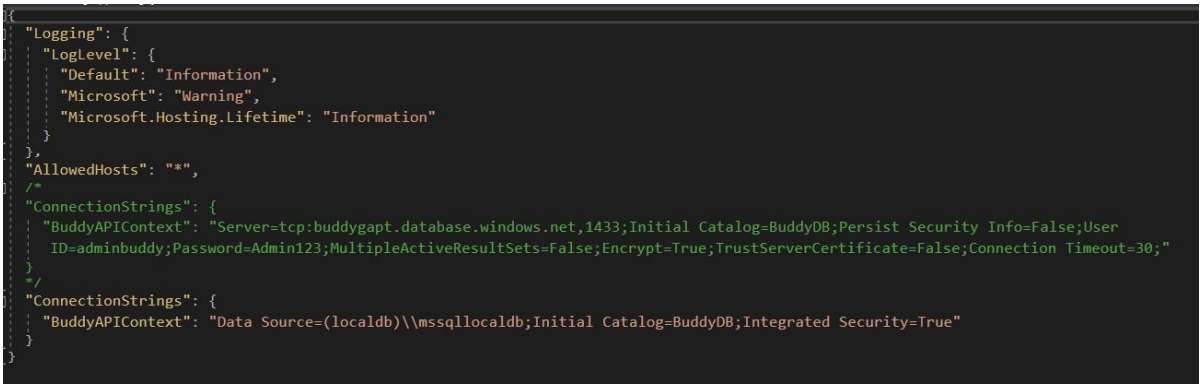



The **Properties** tab should have been opened. Find the **Connection String** value and copy it.



## Step 8

Now let's make use of the data connection that we have created in our **MyPal** project. Todo so, open the **MyPal** project in **Visual Studio** and go to the **appsettings.json** file.
There should already be a connection string specified (used by previous year project).
**Comment out** or **delete** this connection string and **paste** your copied collection string just like the following screenshot.




## Step 9

Connection to the database has been created. Enjoy!