Setting up the Northwind Database for use in Visual Studio

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1. INTRODUCTION

This document is to provide a step by step guide on getting started with

There are two key sections one will be the quick start guide if Visual Studio is already installed on the machine and the full build guide if the machine does not have Visual Studio installed.

2. VISUAL STUDIO

Microsoft's Visual Studio can be used as a development environment for SQL Server, Azure SQL Database and Azure SQL Data Warehouse.

If you do not already have Visual Studio installed, download the it from https://visualstudio.microsoft.com/vs/features/ssdt/ .

When prompted, select

- the free version (**VS Community 2019**)
- the **Data storage and processing** workload (under **Other Toolsets**). Select the optional **SQL Server Data Tools**

If you already have Visual Studio but not the SQL Server Data Tools, you can modify your installation using **Visual Studio Installer.**

3. CREATE THE NORTHWIND DATABASE

3.1 DOWNLOAD THE SCRIPT

You can find a script to download the Northwind Database at https://github.com/microsoft/sql-server-samples/tree/master/samples/databases/northwind-pubs

Click on the 'instnwnd.sql' link and click 'Download' which opens up a web page with all the SQL code to create a new Northwind Database. It is very long!

Copy and save the code:

- Hit Control-A then Control-C to select it all and copy.
- Open up a new Notepad file than hit Control-V to paste the code into it.
- Then save the Notepad file (Control-S) as InstallNorthwind.sql.   You can save this file anywhere, it doesn't need to be within a Visual Studio project.

3.2 – INSTALL THE DATABASE

- Launch Visual Studio. Don't create a project, choose the bottom link "Continue without Code) to simply open
- Select the menu option View => SQL Server Object Explorer => right click on SQLServer -> (localdb)\MSSQLLocalDB and choose 'New Query'.
- Now select File => Open => File, browse to your InstallNorthwind.sql file and select it.

Click the 'Execute' button (open green arrow, shortcut CTRL + SHIFT + E) to run the script. This installs the Northwind database.

If you are asked for the name of the SQL Server, select (localdb)\MSSQLLocalDB and Windows Login.