

Course: Introduction to Structured Query Language (SQL)

Software required for this class

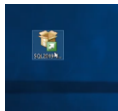
For Windows Users:

A. Install and configure SQL Server

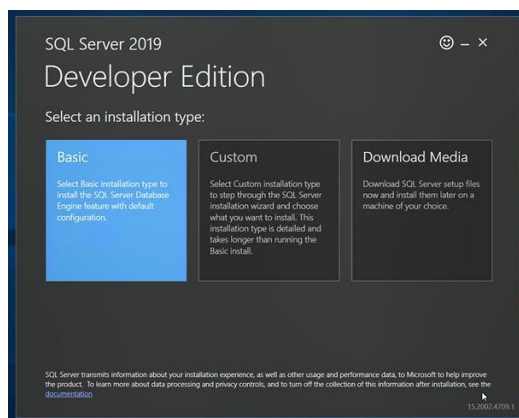
1. First, download either SQL Server 2019 Developer or Express edition¹ which can be found around the middle of the page as shown in screenshot below. Click on the 'Download Now' button



2. After you have downloaded the file, double click on it to run/execute

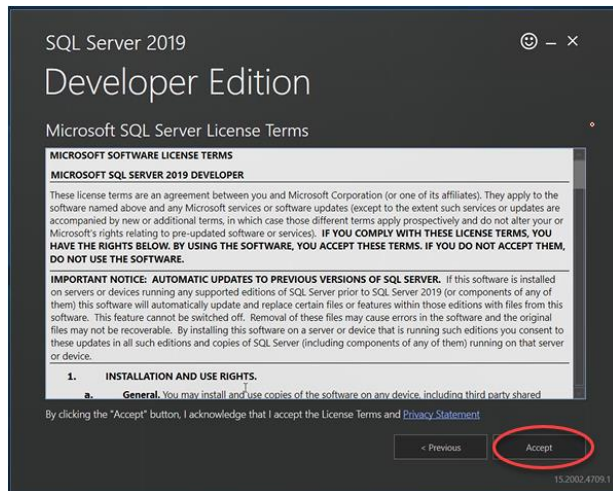


3. Select the **Basic** installation type

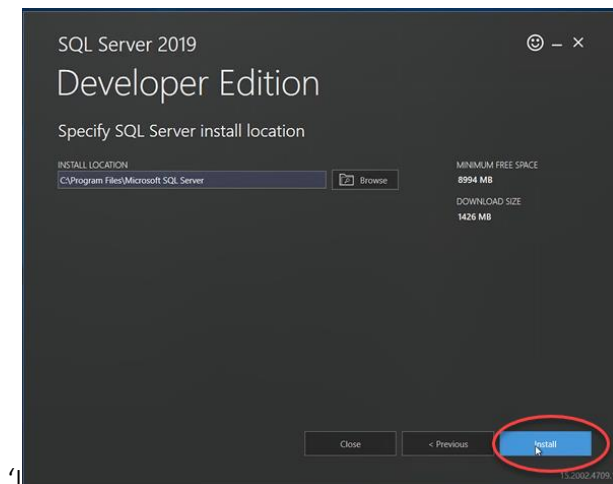


¹ This instruction is based on the Developer Edition

4. Click **Accept**



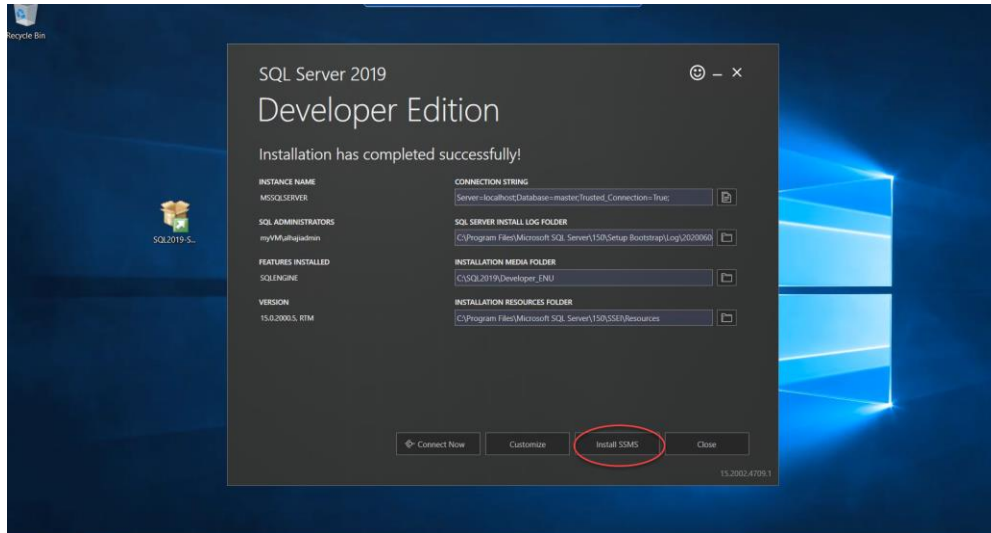
5. Click **Install**



Once the installation of SQL Server is completed, do not close the window, instead you can proceed to install SQL Server Management Studio (SSMS). See the following instructions on how to do so.

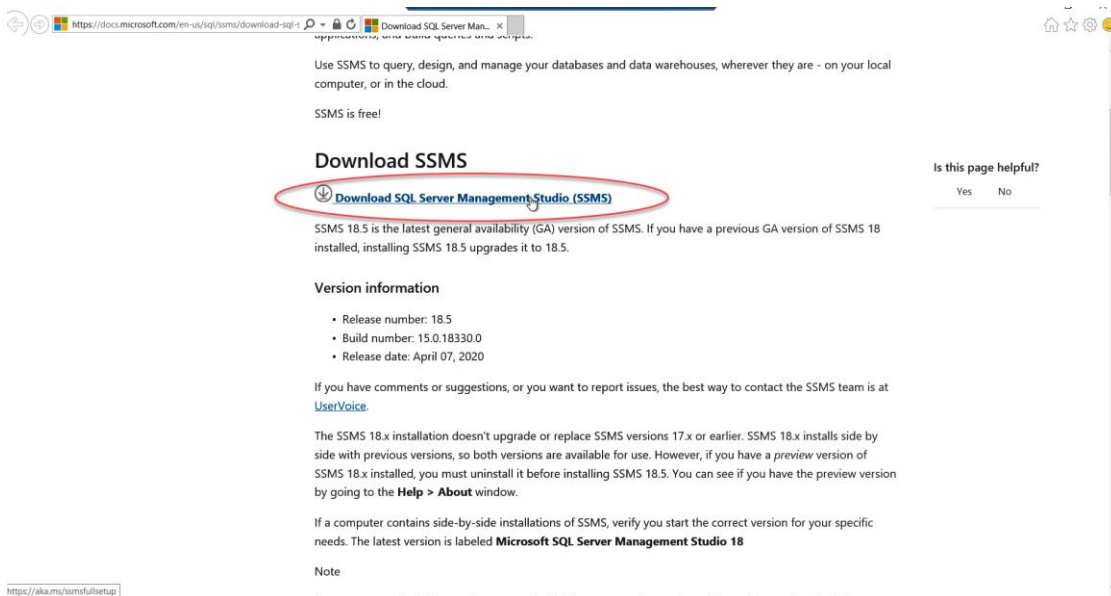
B. Install SQL Server Management Studio (SSMS)

6. Click on Install SSMS



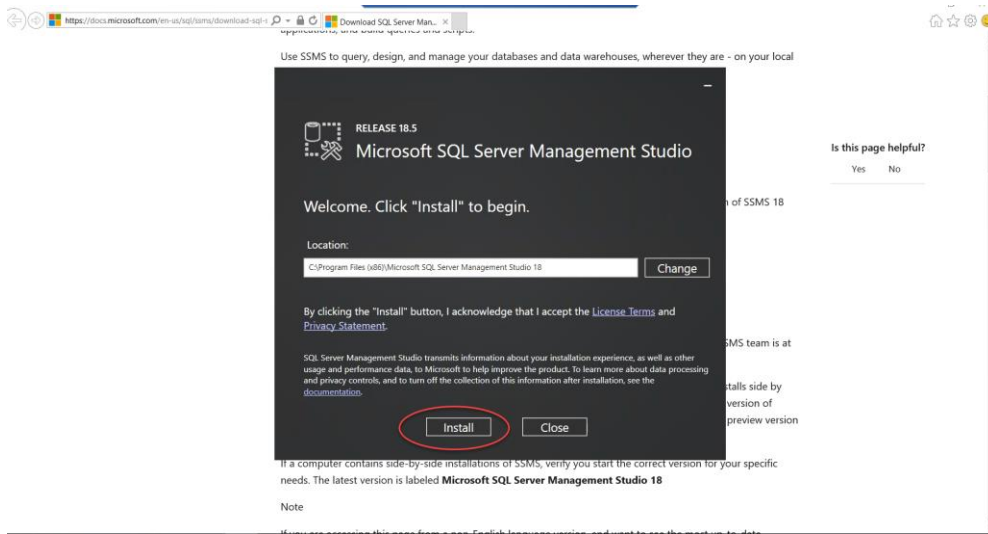
Note: This will redirect you to a web page where you can [download the latest version of SSMS](#)

7. On the web page, click on Download SQL Server Management Studio (SSMS)



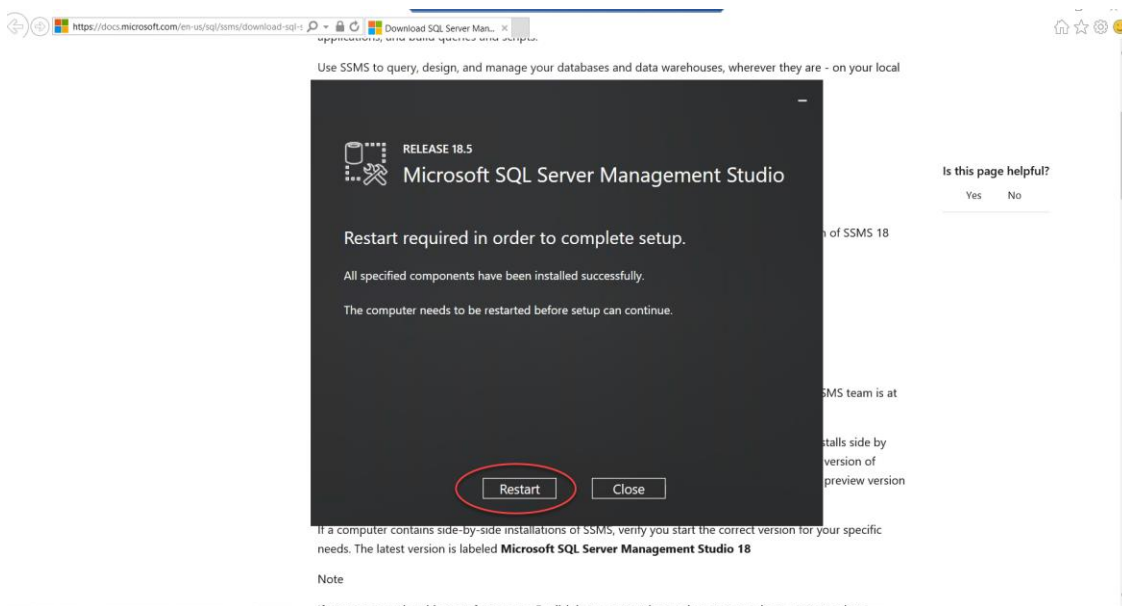
After downloading the file, you can open it and proceed to install

8. Click Install



Once the installation of SSMS is completed, you may be prompted to restart your computer.

9. Click Restart



Finally, you can proceed to install Azure Data Studio (ADS) which is optional. It is just another client tool like SSMS. We'll talk about this more during the class.

The following section is optional

C. Install Azure Data Studio which can also be used to connect to SQL Server

Step 1: Download Azure Data Studio

1. Visit the [Azure Data Studio download page](#)
2. Scroll down to where it says **Get Azure Data Studio for Windows** and click on “Azure Data Studio user installer for Windows” to download the file. See screenshot below:

Get Azure Data Studio for Windows

This release of Azure Data Studio includes a standard Windows Installer experience, and a .zip file.

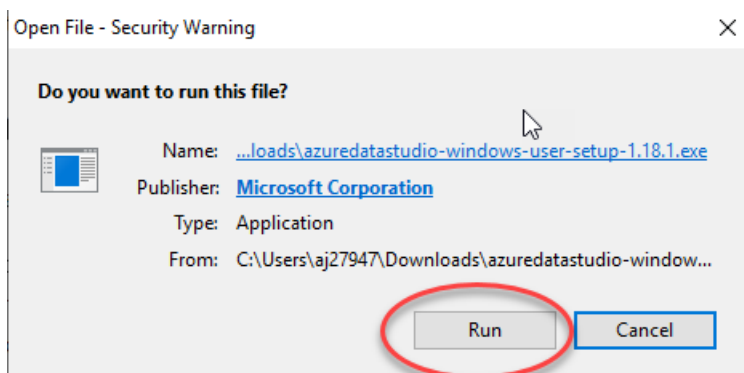
The *user installer* is recommended because it does not require administrator privileges, which simplify both installs and upgrades. The user installer does not require Administrator privileges as the location is under your user Local AppData (LOCALAPPDATA) folder. The user installer also provides a smoother background update experience. For more information, see [User setup for Windows](#).

User Installer (recommended)

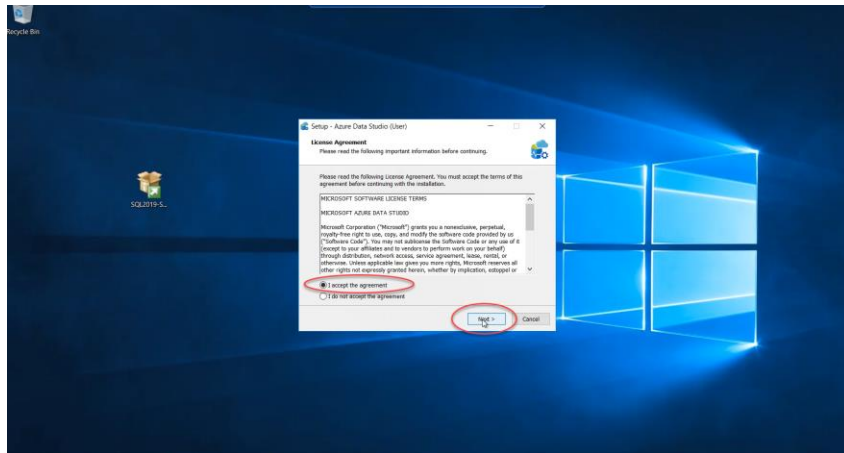
1. Download and run the [Azure Data Studio user installer for Windows](#).
2. Start the Azure Data Studio app.

Step 2: Install Azure Data Studio

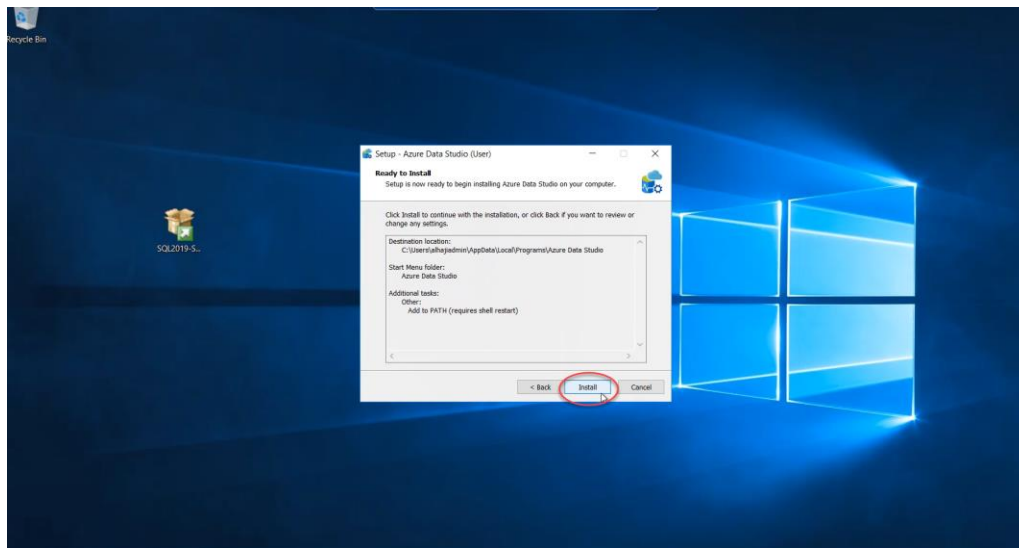
Once the .zip file is finished downloading, click to open and select **Run**



Select **I accept the agreement**
Click **Next, Next...**



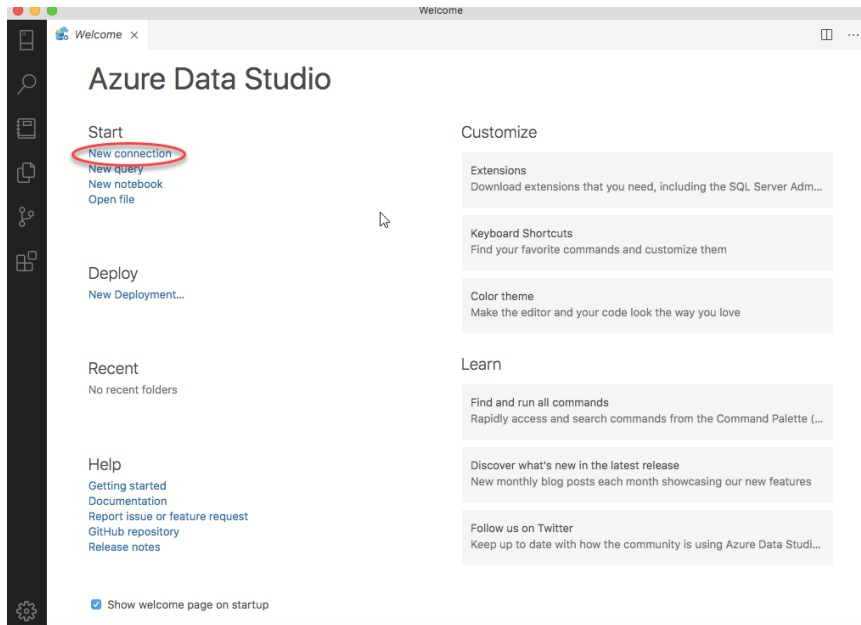
Click **Install**



Click **Finish**

At this point, ADS should open by default

Click **New connection**



Enter the following SQL Server connection details

- **Server:** localhost
- **Authentication Type:** Windows Authentication

You can leave everything else with the default values

Click **Connect**

