Installation Guide to MS SQL server and SQL Server Management Studio

Please make sure you have installed .NetFramework 3.5 or above before you start the installation process. Follow the steps as shown below to trouble shoot and check if .NetFramework is available or not.
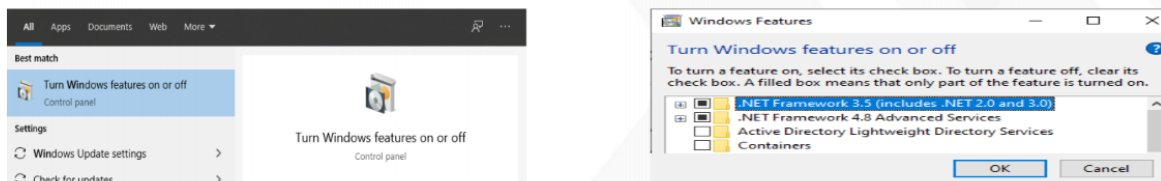

1. **Install SQL server Express Database Engine.**

Step 1:
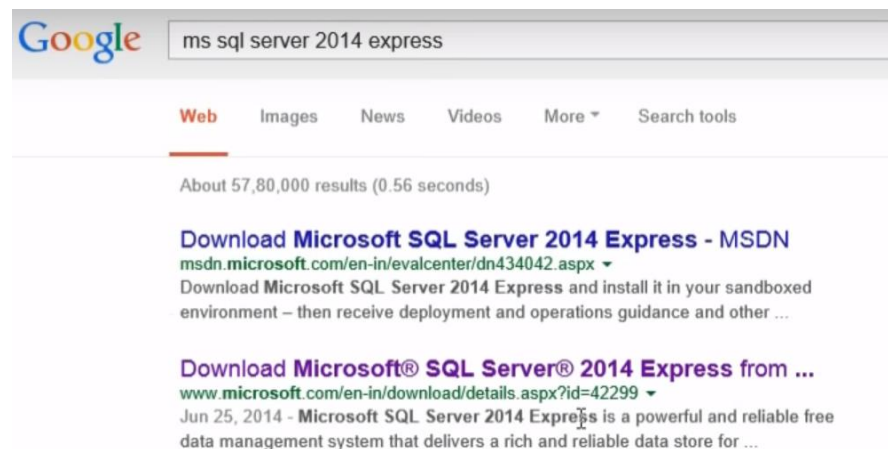
Step 2:
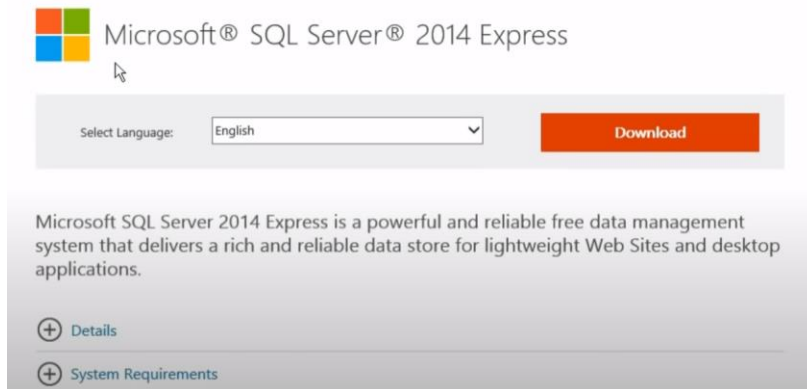
Step 3: If your system is 32 bit, choose files relevant to 32 bit system. I have chosen 64 bit here. Make sure you check your system details whether it is 32 or 64 bit.

Step 4: You will see these two set up files downloaded.
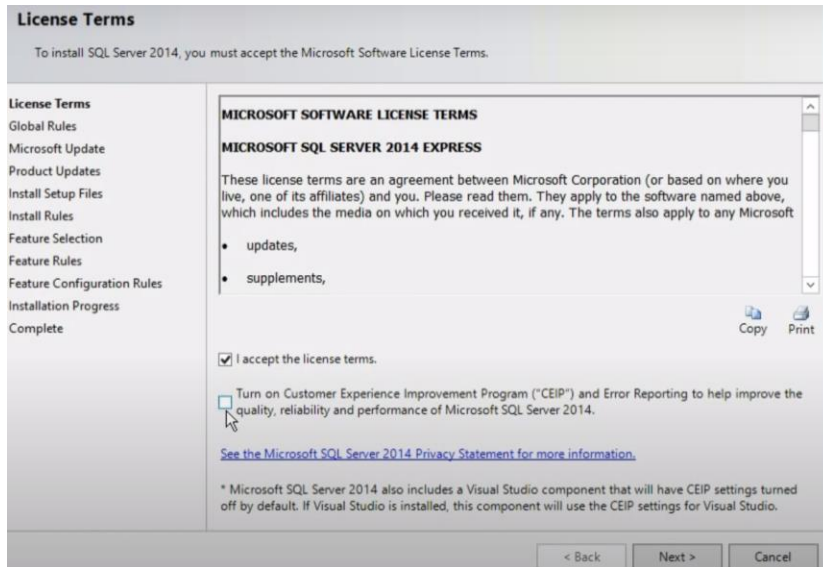

Step 5: Let's first install **SQLEXPR_x64_ENU** file to install the database engine.

Step6:

In the next window click on the link as shown in the image below:

This will take you to the License terms window as shown below. Check "I accept License terms". Click Next.
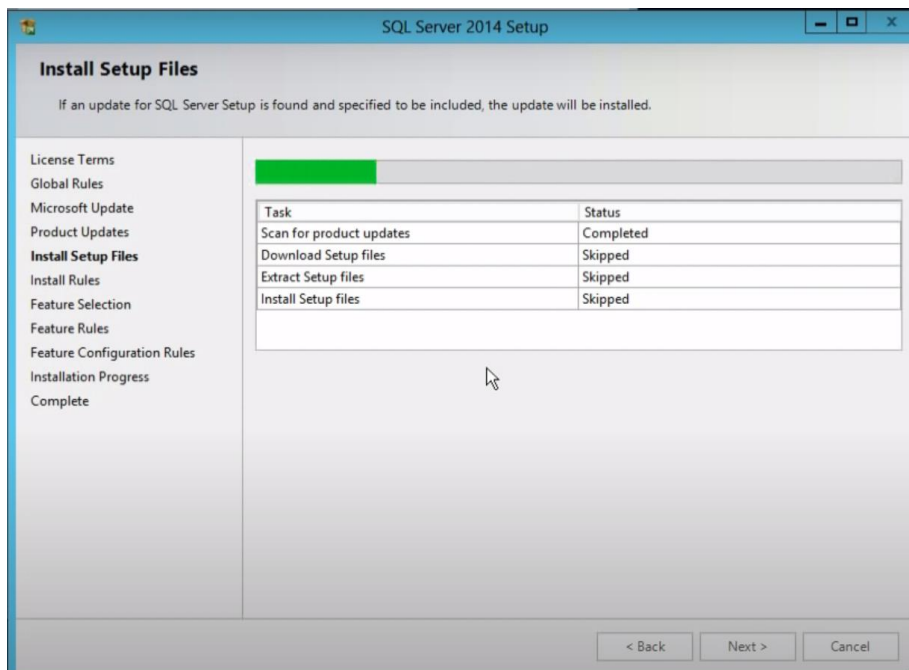
This will take you to the "Microsoft Update" Window as shown below. You can Check the box "Use Microsoft Update to check for Updates(recommended)". If you check this box make sure you are Connected to Internet before you click Next.
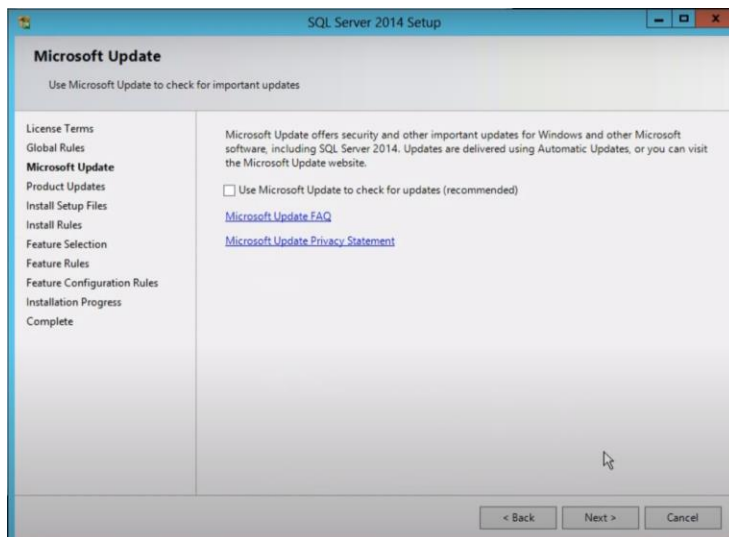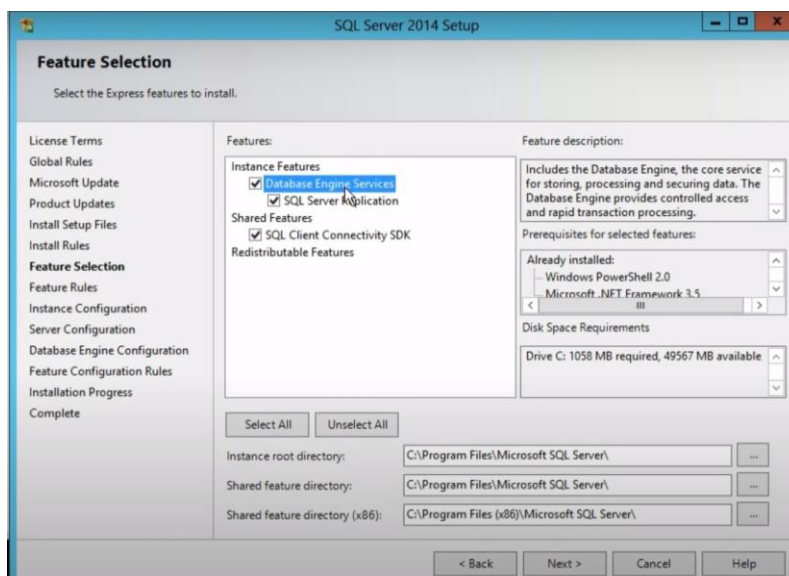

Click Next.

"Install set up files" window opens as below. This is an automated process, you don't have to do anything in this window.

This will take you to the below window: here Make sure all features are checked as shown below. Click next.

This will take you to the "Instance Configuration" Window as shown below. Here the SQL server name should be specified. By default, it will have the default name - "SQLExpress" as shown below. Please leave it as it is. Do NOT change anything. Click Next.
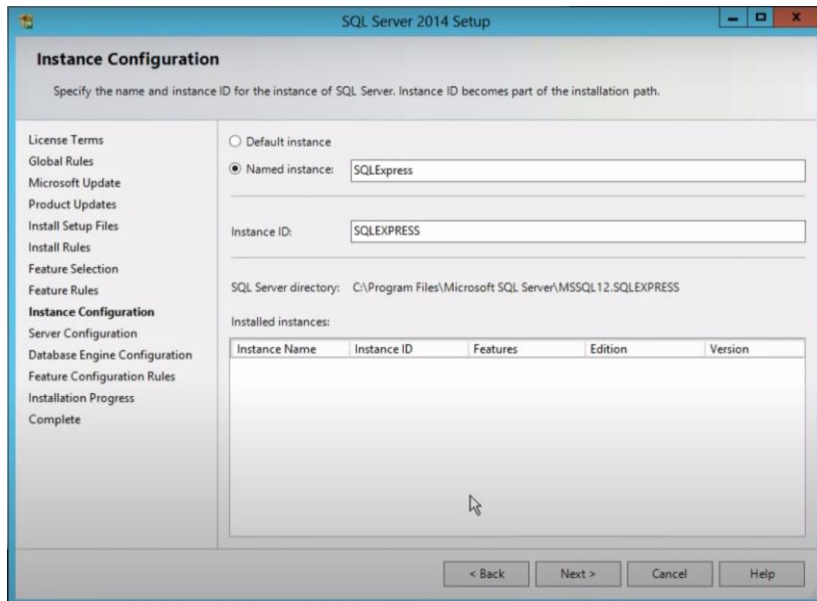
"Server Configuration" window opens as show below. Do Not change anything here as well. Click Next.
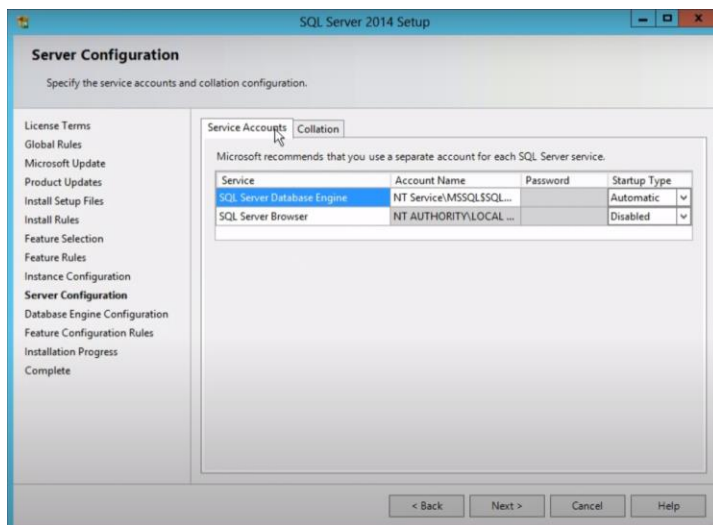

This will take you to "Database Engine Configuration" Window. By Default the authentication mode is "Windows Authentication Mode" as shown below. I strongly recommend keeping it in this mode. So you do not have to change anything again here. Click Next.

"Installation Progress" Window opens and the installation takes place. You do not have to do anything. "Complete" Window opens as shown below. If the installation has taken place successfully, you can see green tick marks for the features installed as shown below. Click Close.

This completes the installation of SQL server Database Engine. Next We will install the Management Studio.

2. Install SQL Server Management Studio (SSMS)

In the files downloaded, click on the set up file : "SQLManagementStudio_x64_ENU" as shown below

SQLManagementStudio_x64_ENU   7/13/2014 10:50 AM   Application   700,286 KB

This will automatically open the below window:

New SQL Server stand-alone installation or add features to an existing installation
Launch a wizard to install SQL Server 2014 in a non-clustered environment or to add
features to an existing SQL Server 2014 instance.

Click on that link as shown above. This will launch the installation of SSMS.
It opens "product updates" window as shown below. It will check for
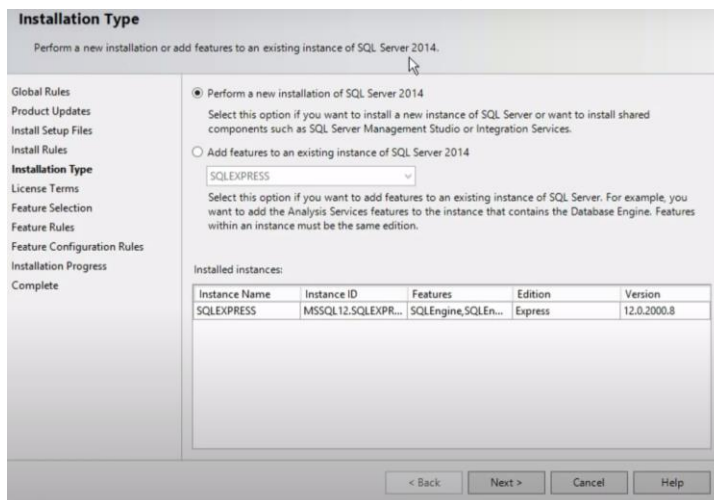updates, if any. Click next
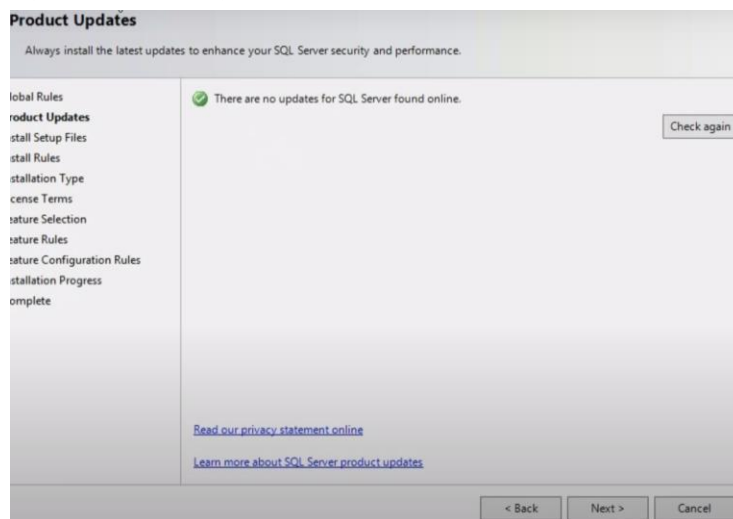
This will open "Install Set up Files" window as shown below. You do not
have to do anything here.
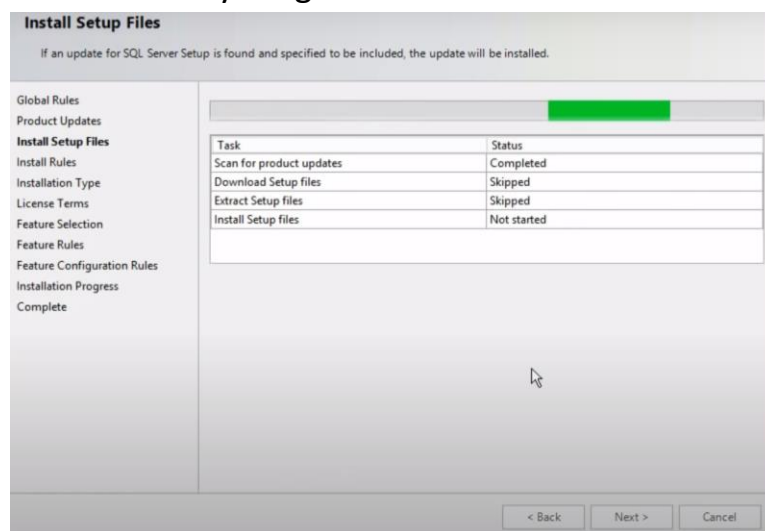
It will open "Install Rules" window. Again, you don't have to do anything
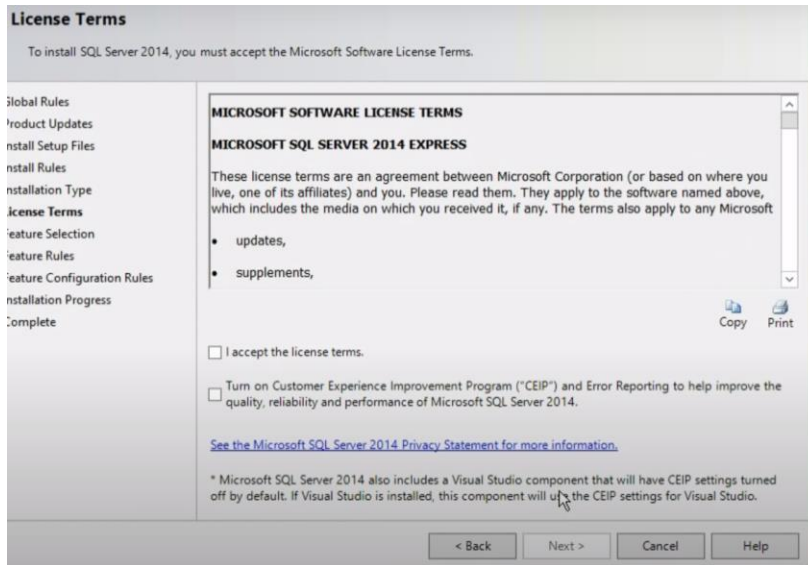here.
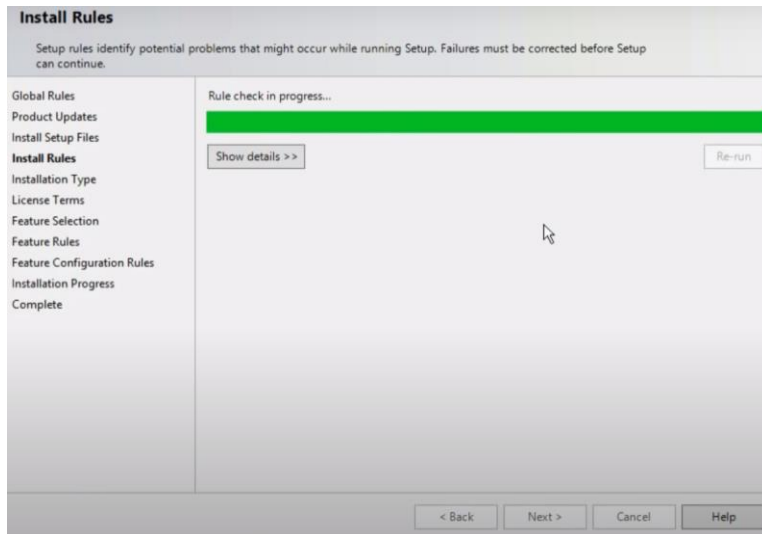
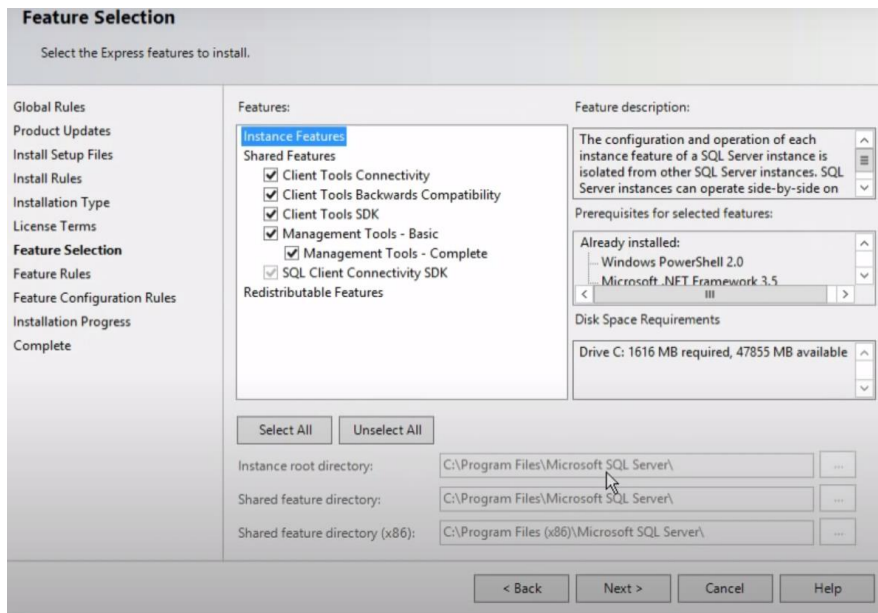This will Open "Installation Type" window as shown below:

By default, "Perform a new installation of SQL Server 2014" is selected. We will leave at this default and click next.
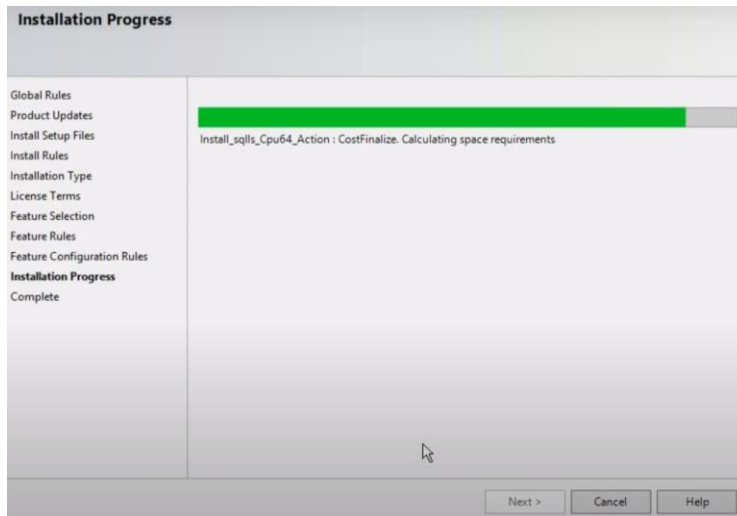
This will open "License terms" window a shown below. Click on the check box for "I accept License terms". Click next.
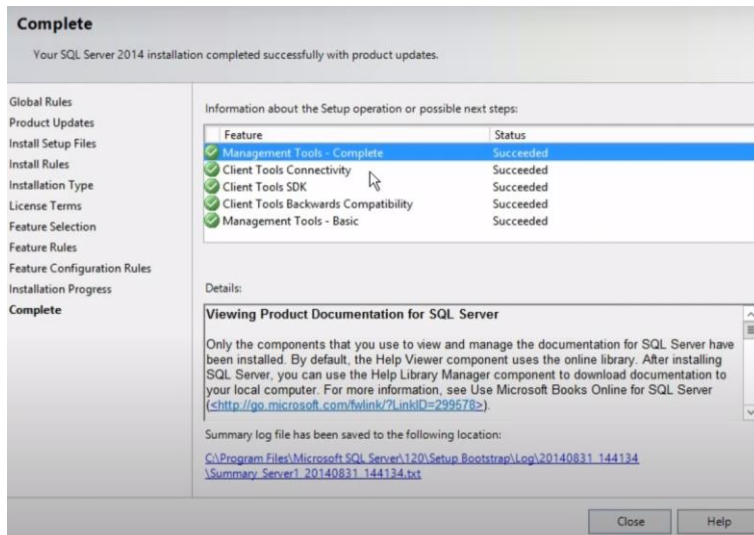
This will open "Feature Selection" window as shown below: Make sure all features are checked as shown below. Click Next.
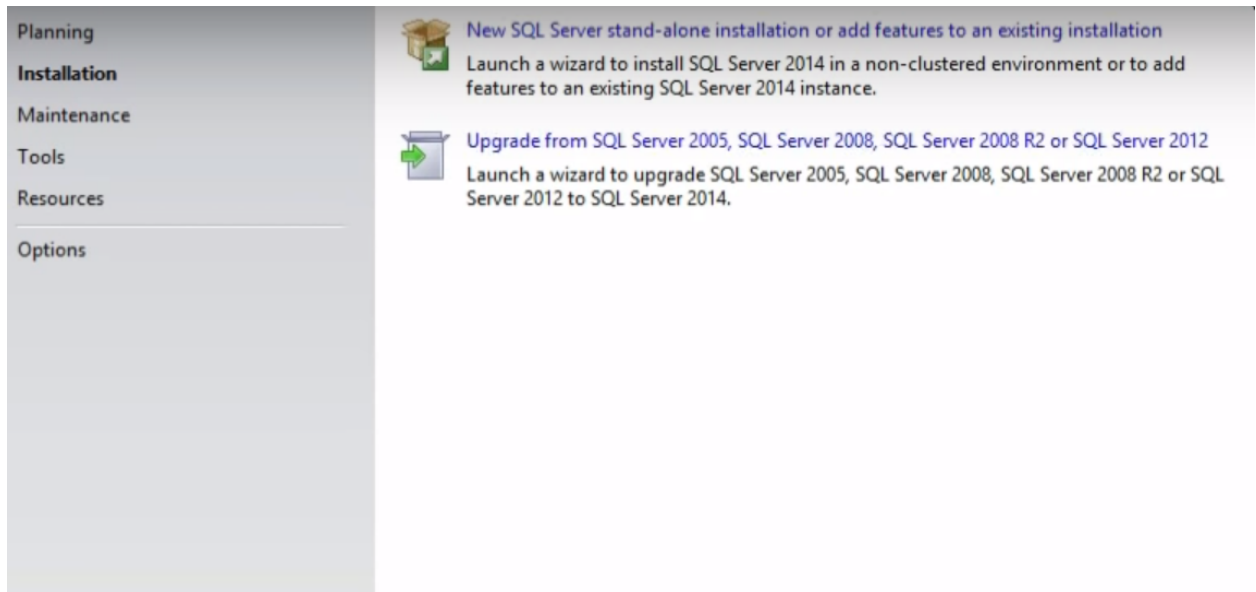

This will take you to the "installation progress" window as shown below. This will take some time to complete the installation.

After the installation is complete, "Complete" window opens as below.

Make sure all the features are installed successfully. You will see a green tick across all features as seen above. Click Close. Also close the window as shown below.
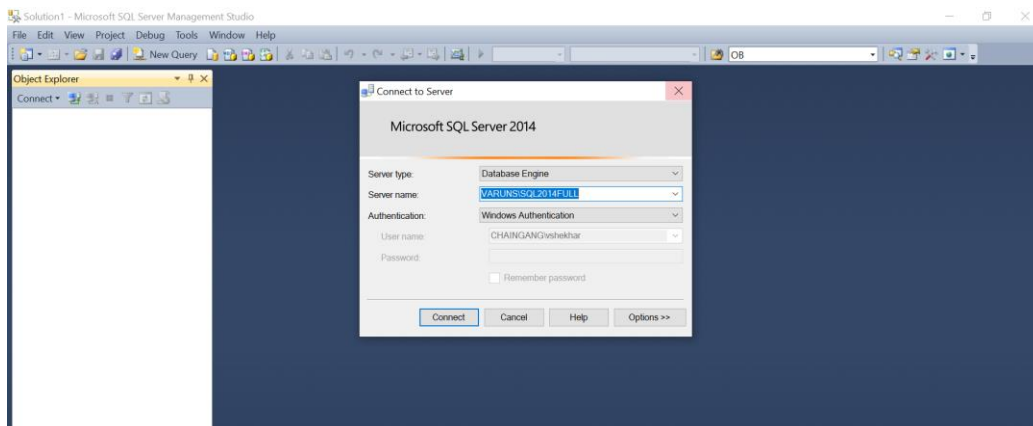
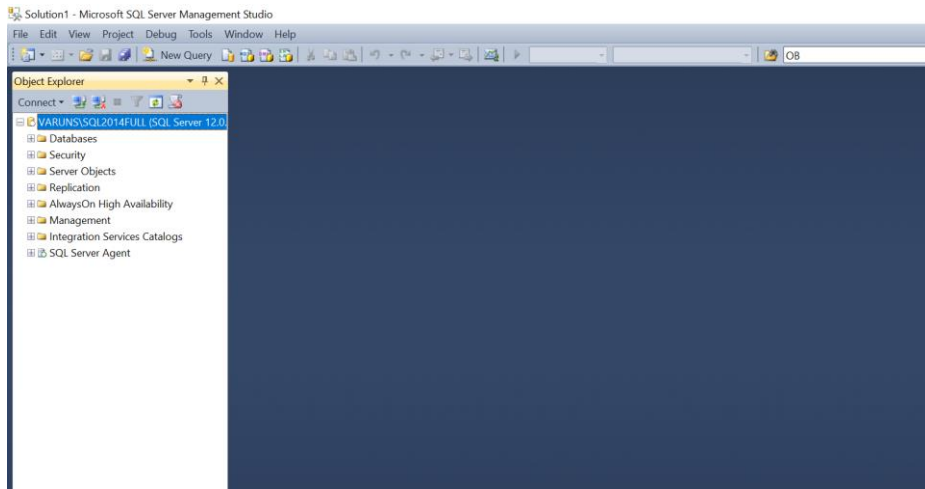In Windows, type SQL, you will see "SQL server 2014 Management Studio"

App. Icon will look something like this . Click on that.

This will open the SSMS as shown below. Click "Connect". This will connect the SSMS to the Database engine or Database server.

Once Database is connected to SSMS, you will see the window as shown below:

This completes the installation of SSMS. With this entire installation is complete.

Note: Please follow along with the **Recitation Video 2: Getting Started with MS SQL server** at time length 2:29 minutes if you see the below error (see image below) when connecting SSMS to Database engine.