

MSSQL Installation Detailed Documentation:

Step1:

Software has to be Downloaded :

- SQL Server
- SSMS(SQL Server Management Studio)

Step 1: go this website type: SQL Server download

<https://www.microsoft.com/en-in/sql-server/sql-server-downloads>

Go for Developer option select to Download:

Or, download a free specialised edition



Developer

SQL Server 2019 Developer is a full-featured free edition, licensed for use as a development and test database in a non-production environment.

[Download now >](#)




Express

SQL Server 2019 Express is a free edition of SQL Server, ideal for development and production for desktop, web and small server applications.

[Download now >](#)

Click on Download under Download Now:

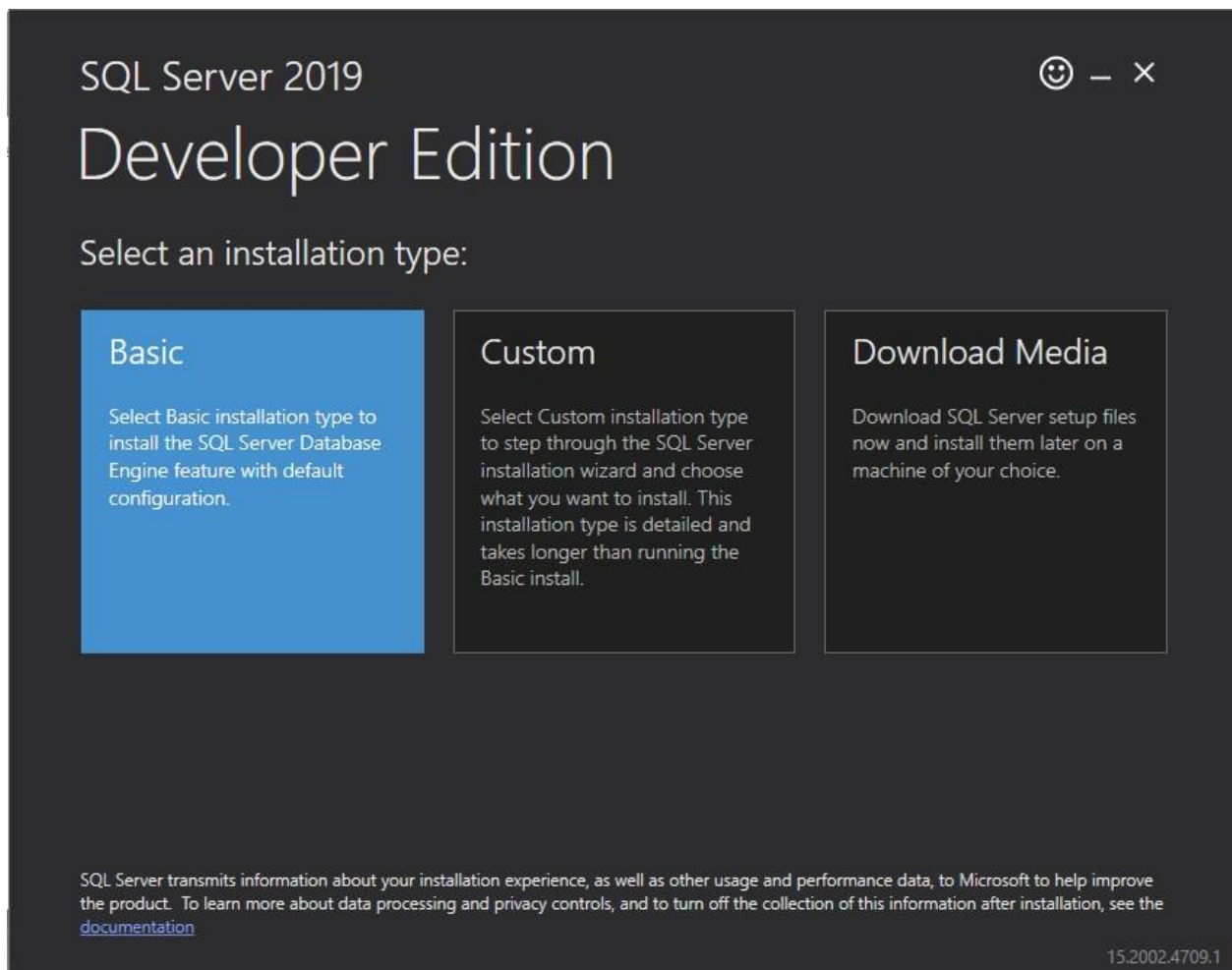
This Setup file you will get after Downloading:

| | | | |
|--|------------------|-------------|----------|
|  SQL2019-SSEI-Dev | 14-03-2022 20:16 | Application | 5,808 KB |
|--|------------------|-------------|----------|

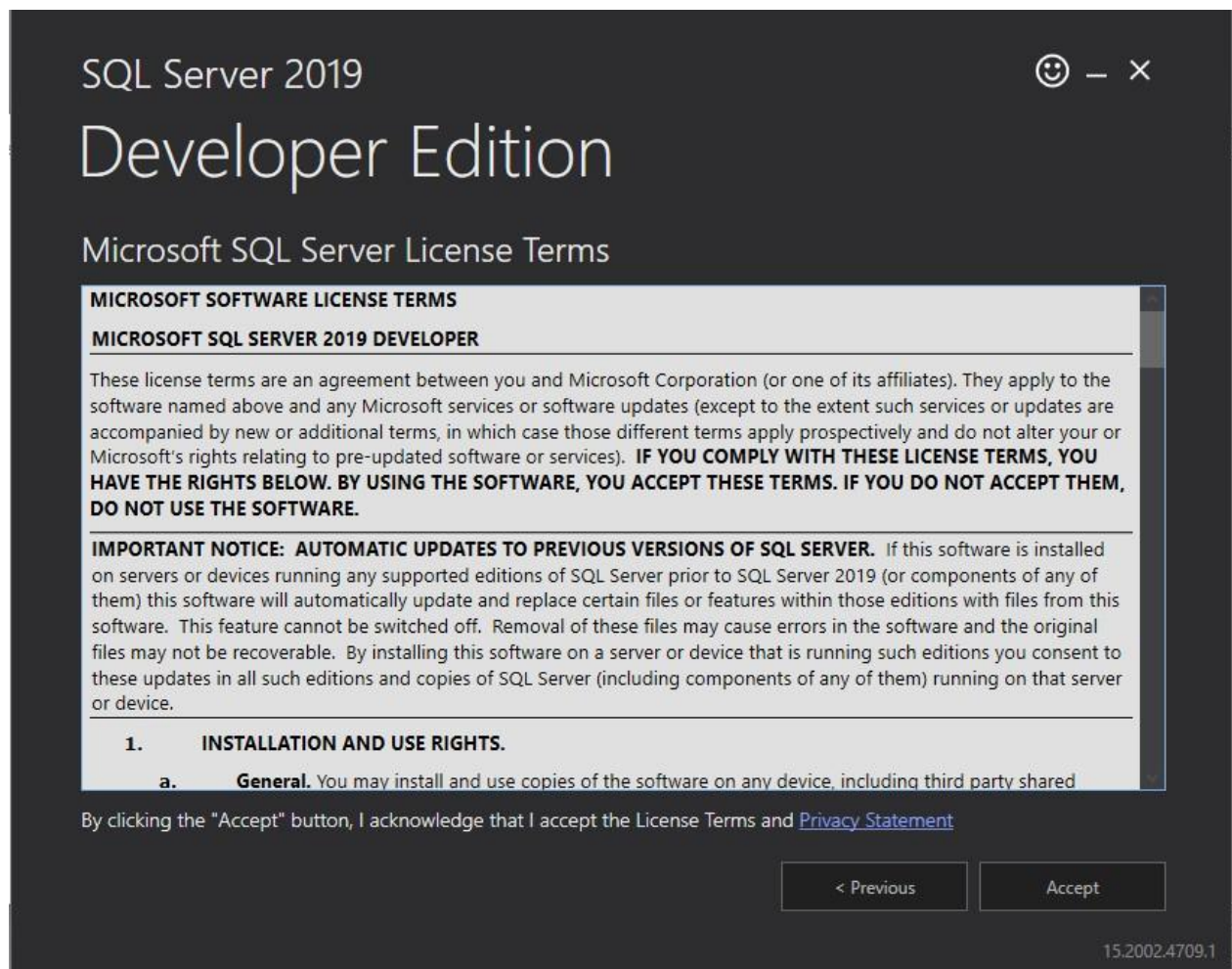
After that click on setup and then install software in your system

Step 2: Now install SQL SERVER

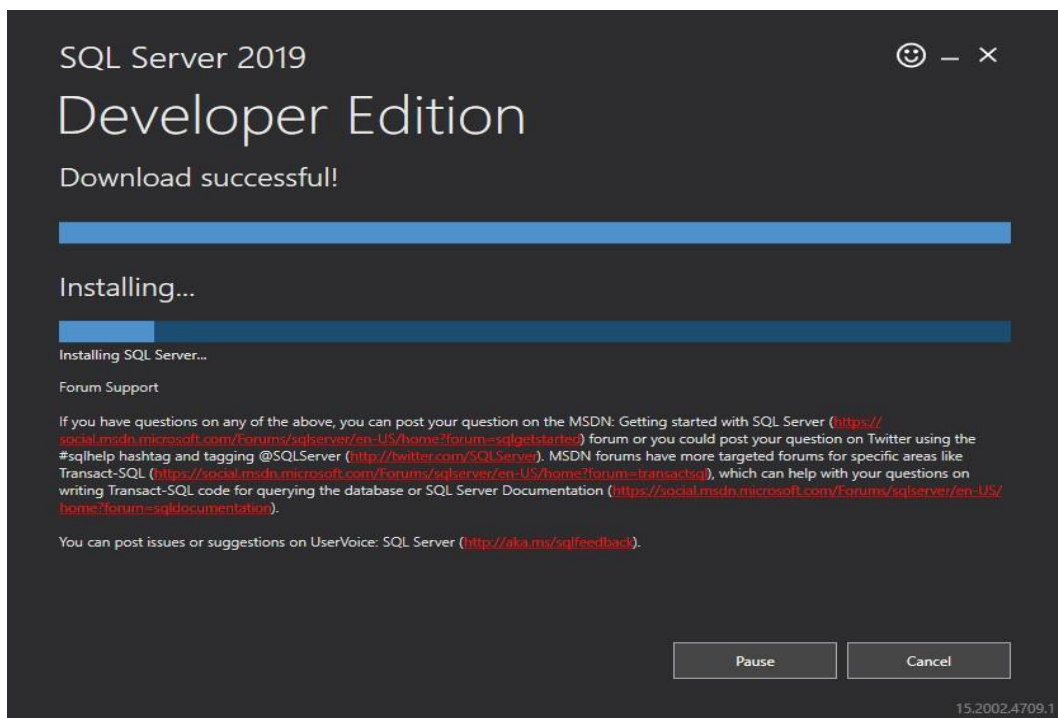
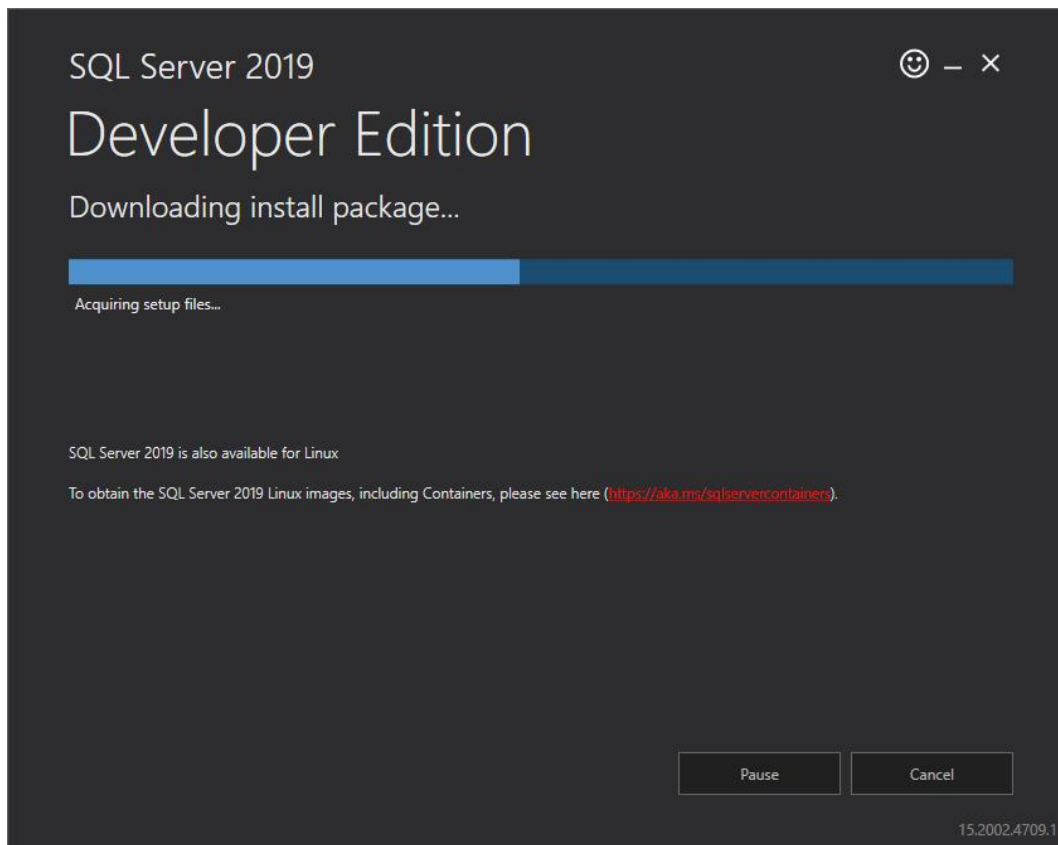
After that follow process:

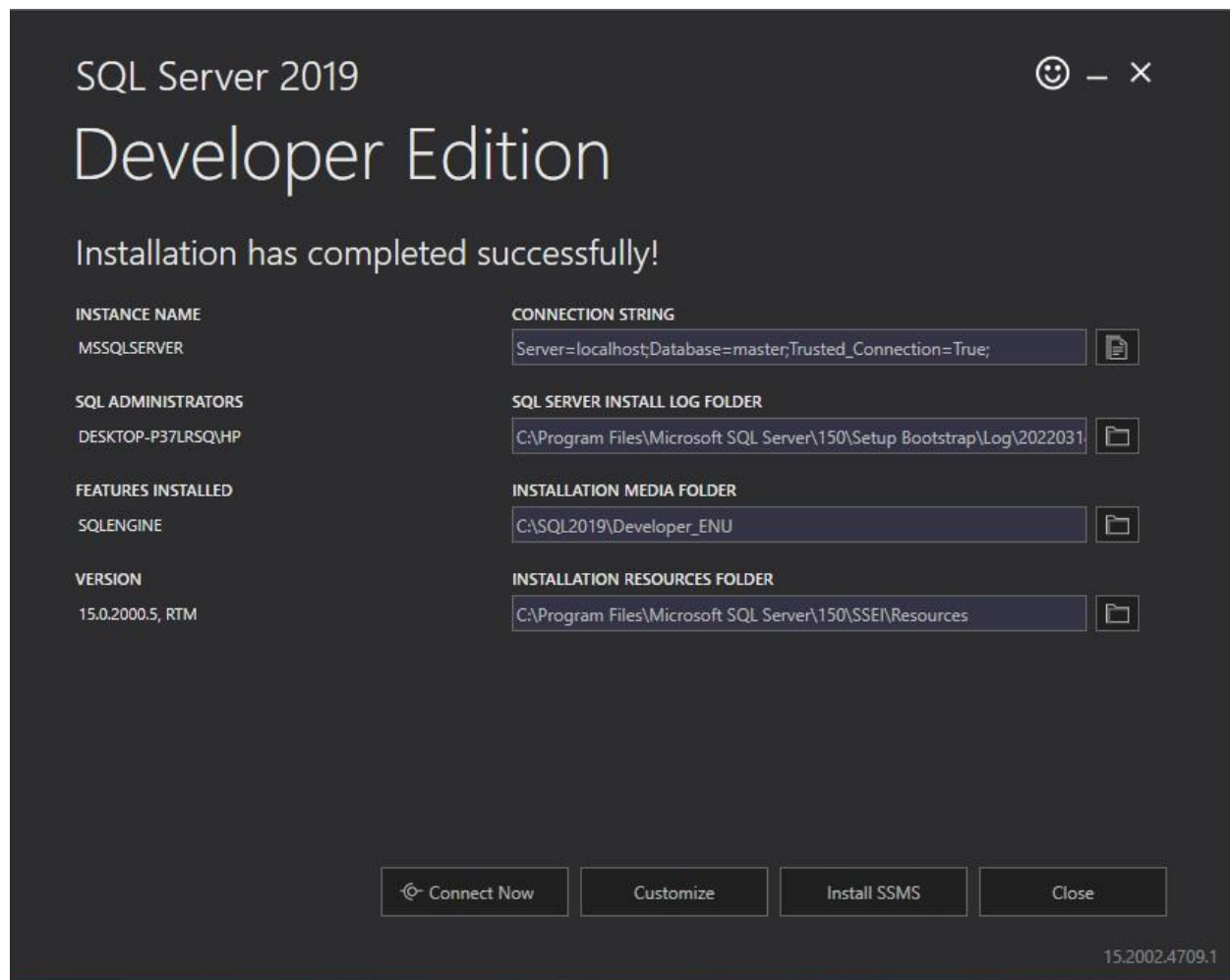


Select Basic option or Custom:



Accepting License Agreement :by clicking on Accept Button:





After that click on button SSMS then it will redirect to download ssms to download link:

Step 3: Do to your browser type SSMS Download

<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?redirectedfrom=MSDN&view=sql-server-ver15>

Go to website → click on First link available download ssms

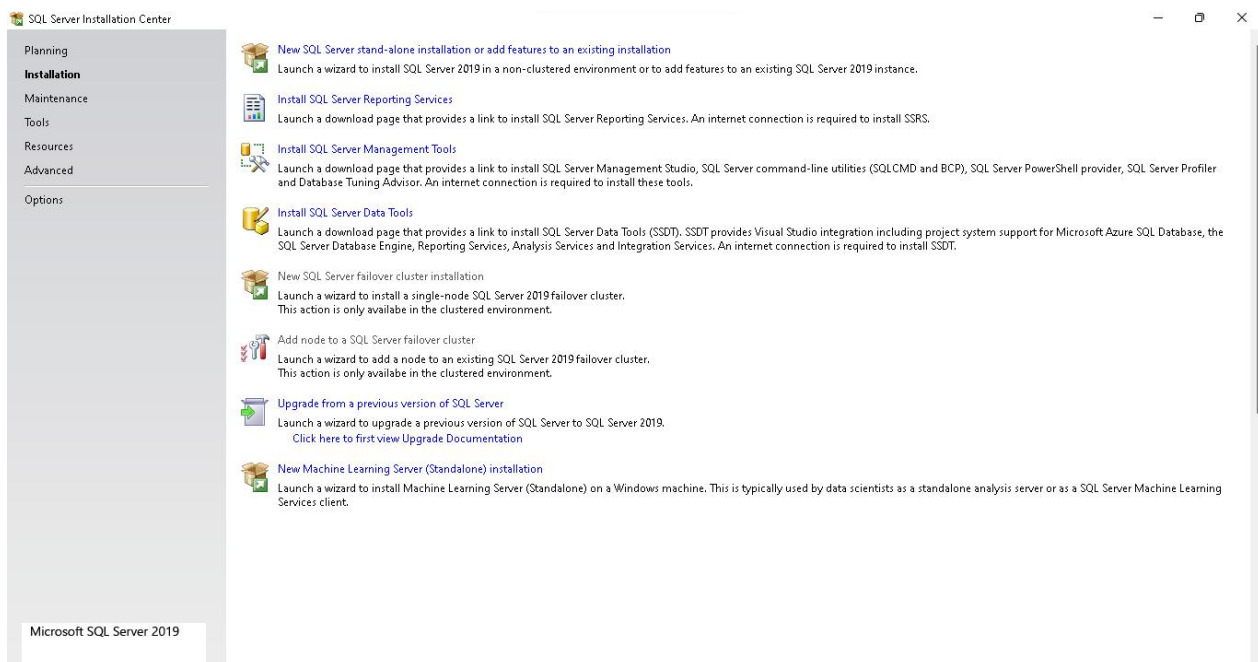
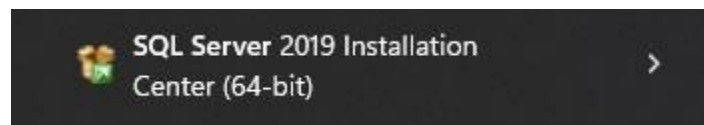


After Downloading → this will be seeing in your screen:

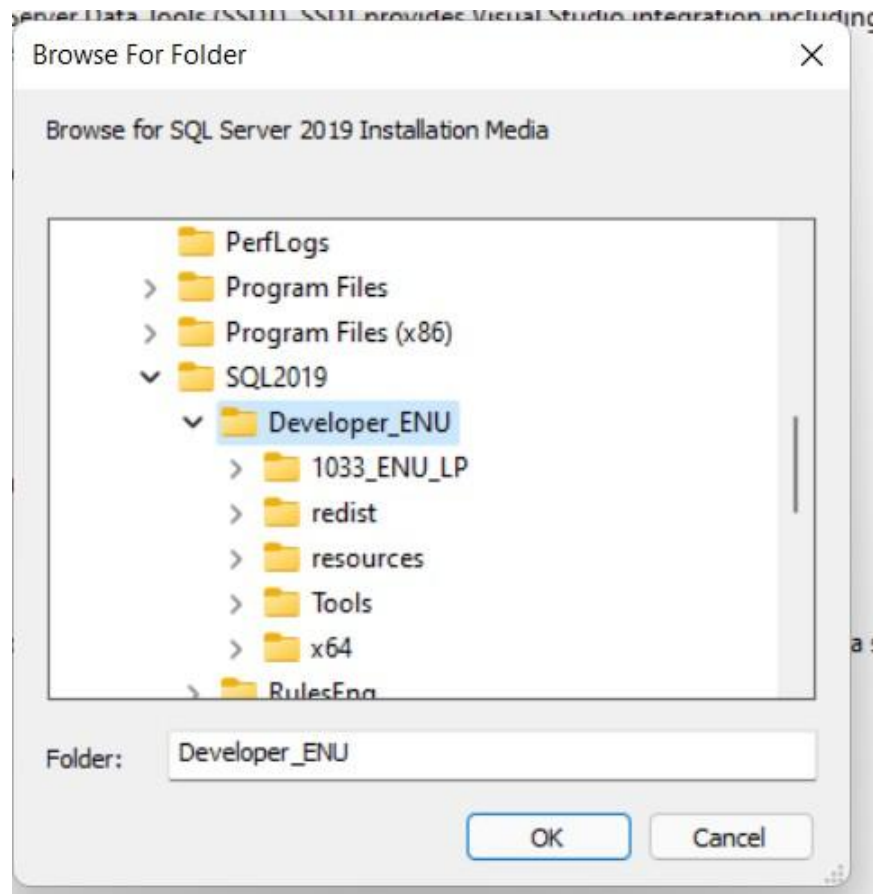
click on First Link As shown Above

| | | | |
|--|------------------|-------------|-------------|
|  SSMS-Setup-ENU | 14-03-2022 20:37 | Application | 6,91,602 KB |
|--|------------------|-------------|-------------|

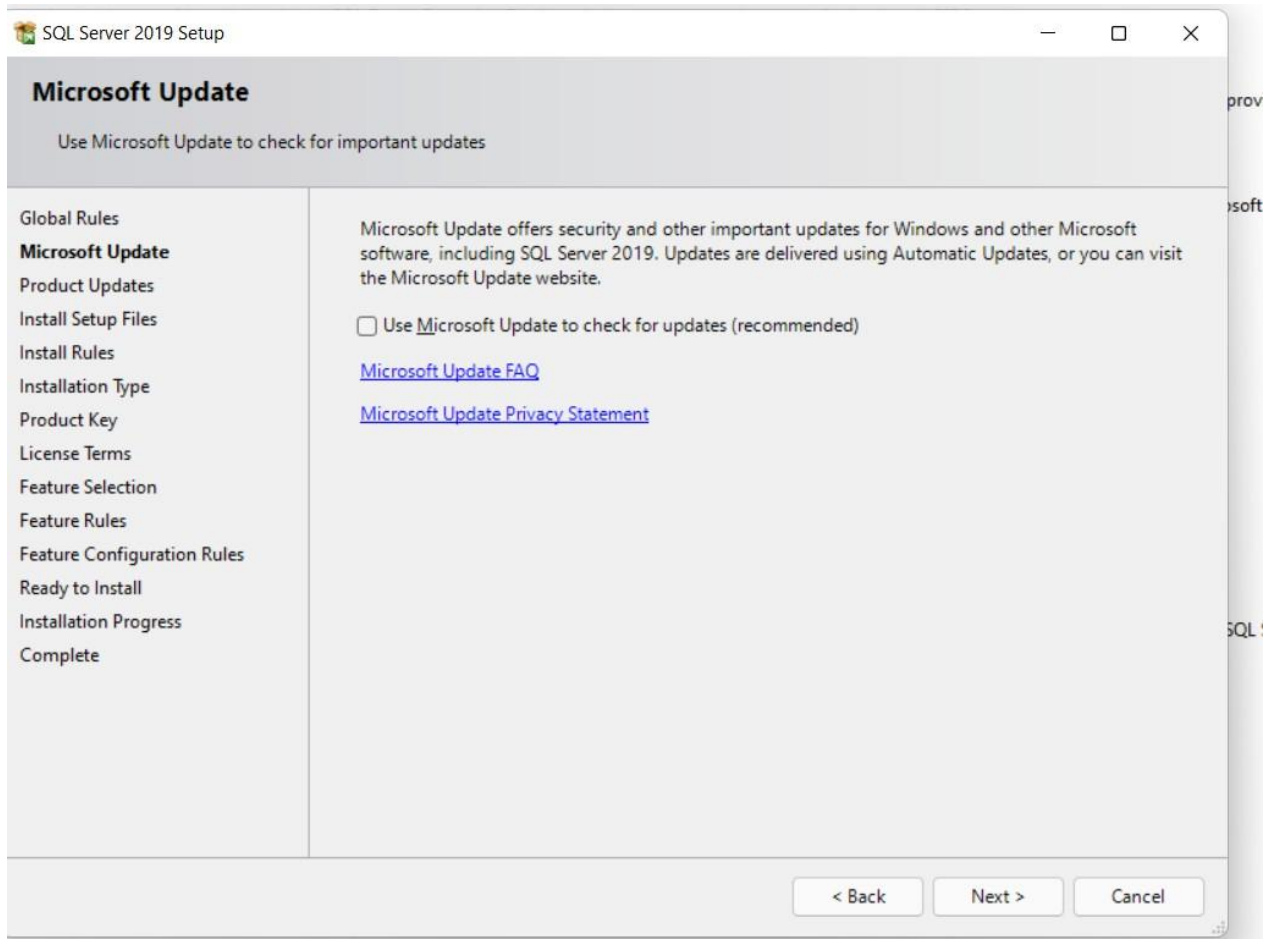
After that click on below software as described: Type in Search box: SQL Server 2019 Installation.



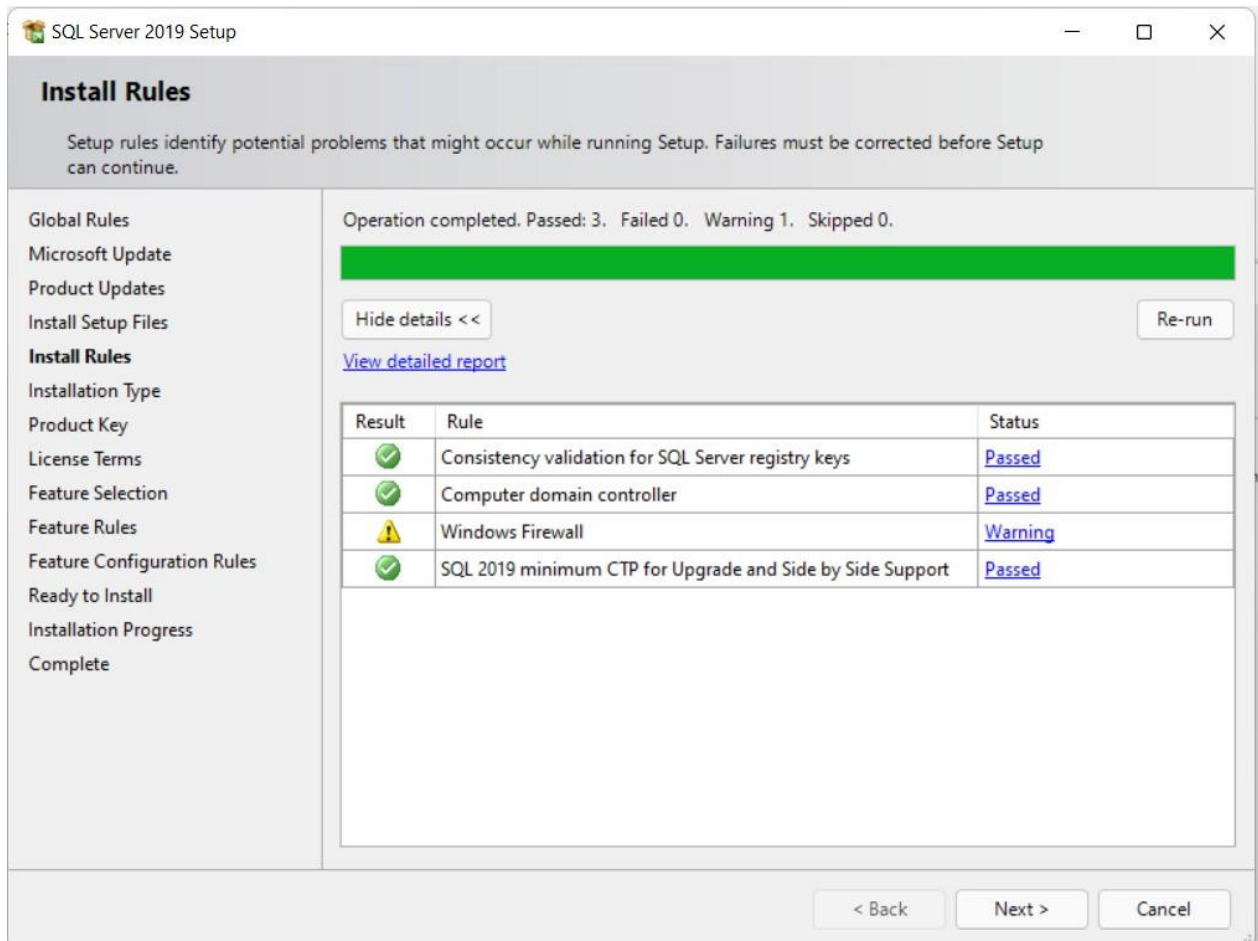
then click on Installation:→ Select New SQL first link show dialog box



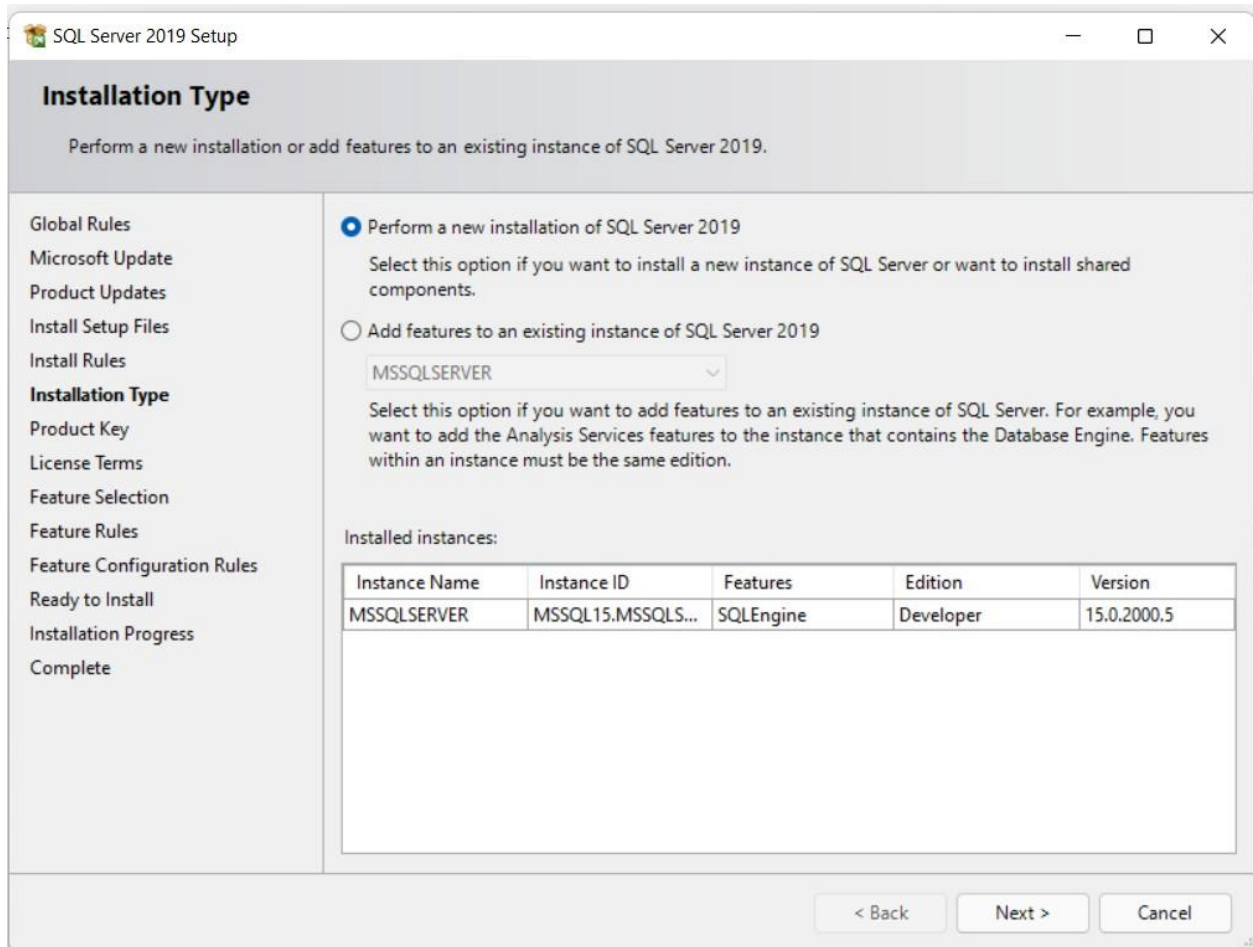
then select Developer_ENU after selecting this Dialog box will appear:



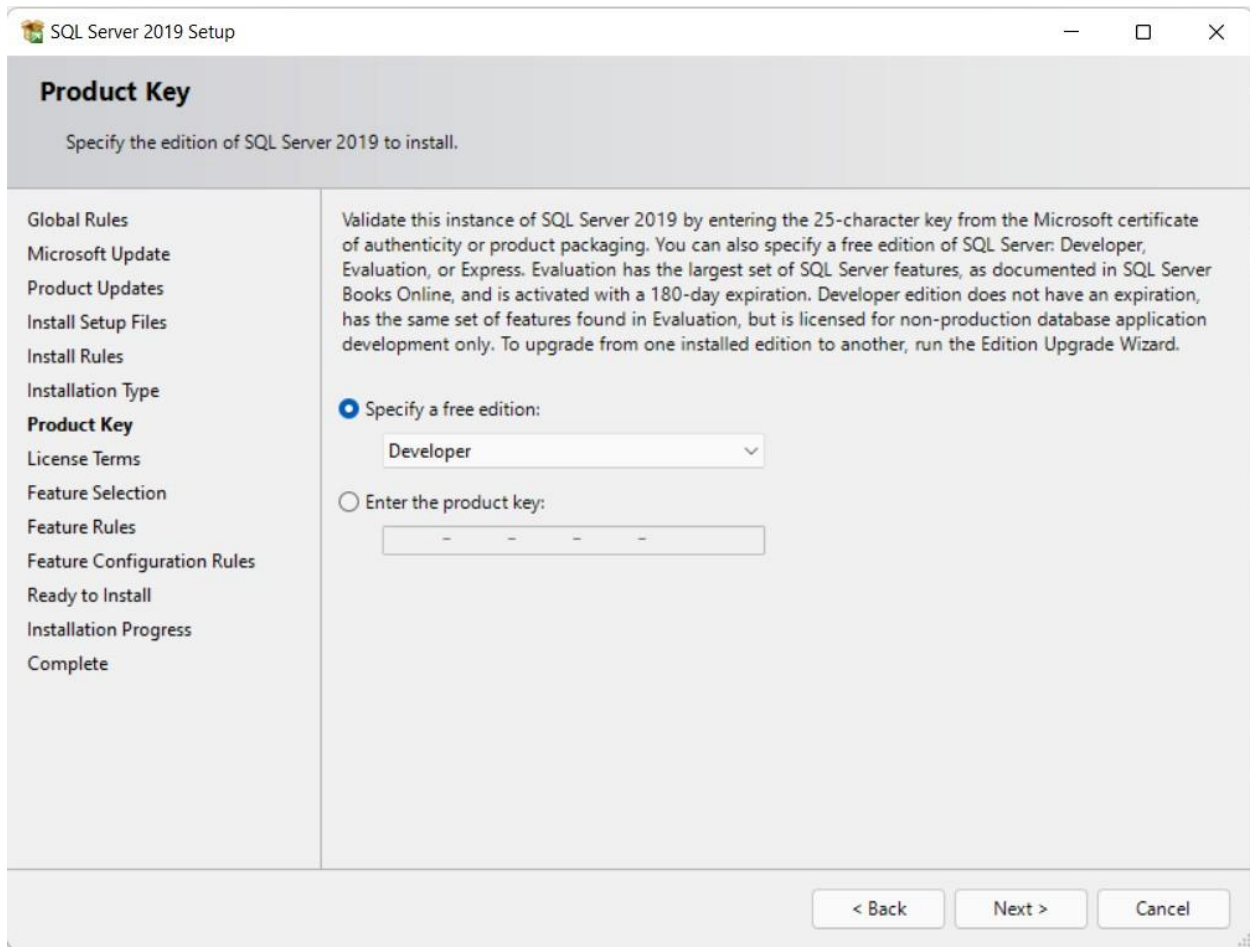
after this click on Next:



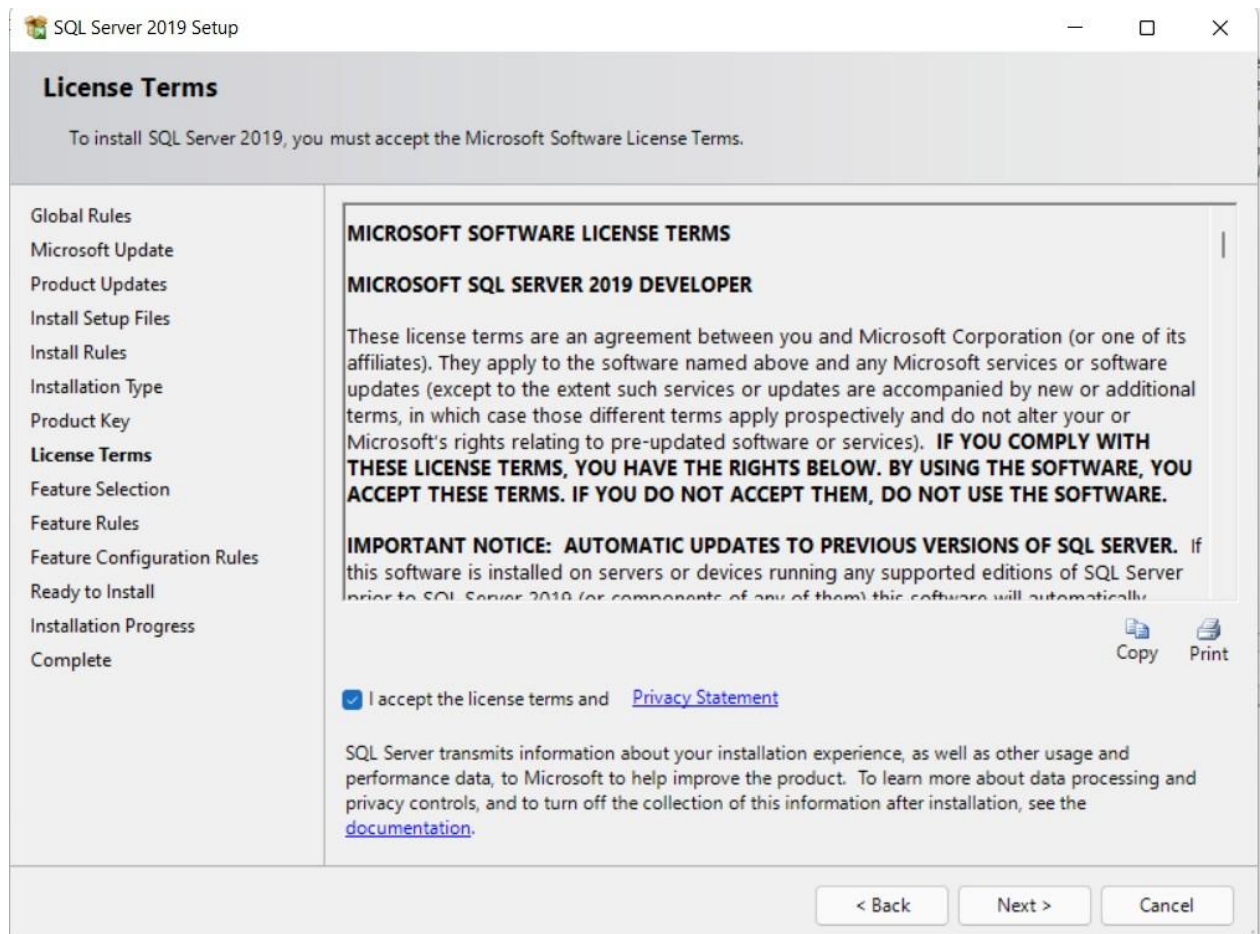
Dont worry about warning → then click on Next :



then click on Next



then click on Next



then click on I accept Agreement Dialog box → then click on next Button

Feature Selection

Select the Developer features to install.

Global Rules

Product Updates

Install Setup Files

Install Rules

Installation Type

Product Key

License Terms

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Looking for Reporting Services? [Download it from the web](#)

Features:

Instance Features

☒ Database Engine Services

☒ SQL Server Replication

☐ Machine Learning Services and Language

☐ R

☐ Python

☐ Java

☐ Full-Text and Semantic Extractions for Search

☐ Data Quality Services

☐ PolyBase Query Service for External Data

☐ In-Memory OLAP

Feature description:

The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL

Prerequisites for selected features:

Already installed:

Windows PowerShell 3.0 or higher

Microsoft Visual C++ 2017 Redistributable

Disk Space Requirements

Drive C: 1003 MB required, 63103 MB available

Select All

Unselect All

Instance root directory:

C:\Program Files\Microsoft SQL Server\

Shared feature directory:

C:\Program Files\Microsoft SQL Server\

Shared feature directory (x86):

C:\Program Files (x86)\Microsoft SQL Server\

< Back

Next >

Cancel

Named Instance and Instance ID should be same name →click on Next

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Global Rules
Product Updates
Install Setup Files
Install Rules
Installation Type
Product Key
License Terms
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

☐ Default instance

☒ Named instance:

Instance ID:

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL15.MY_SERVER

Installed instances:

| Instance Name | Instance ID | Features | Edition | Version |
|------------------|--------------------|--------------------|-----------|-------------|
| SERVER | MSSQL15.SERVER | SQLEngine,SQLEn... | Developer | 15.0.2080.9 |
| SERVER_SQL | MSSQL15.SERVER_... | SQLEngine,SQLEn... | Developer | 15.0.2080.9 |
| SERVER1 | MSSQL15.SERVER1 | SQLEngine,SQLEn... | Developer | 15.0.2080.9 |
| SANA_INTELLIPAAT | MSSQL15.SANA_IN... | SQLEngine,SQLEn... | Developer | 15.0.2080.9 |
| SANA | MSSQL15.SANA | SQLEngine,SQLEn... | Developer | 15.0.2000.5 |

Existing instance, in your case you may have only default instance or no instance.

< Back Next > Cancel

Server Configuration

Specify the service accounts and collation configuration.

Global Rules
Product Updates
Install Setup Files
Install Rules
Installation Type
Product Key
License Terms
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Service Accounts Collation

Microsoft recommends that you use a separate account for each SQL Server service.

| Service | Account Name | Password | Startup Type |
|----------------------------|---------------------------|----------|--------------|
| SQL Server Agent | NT Service\SQLAgent\$M... | | Manual |
| SQL Server Database Engine | NT Service\MSSQL\$MY_... | | Automatic |
| SQL Server Browser | NT AUTHORITY\LOCALS... | | Automatic |

☐ Grant Perform Volume Maintenance Task privilege to SQL Server Database Engine Service

This privilege enables instant file initialization by avoiding zeroing of data pages. This may lead to information disclosure by allowing deleted content to be accessed.

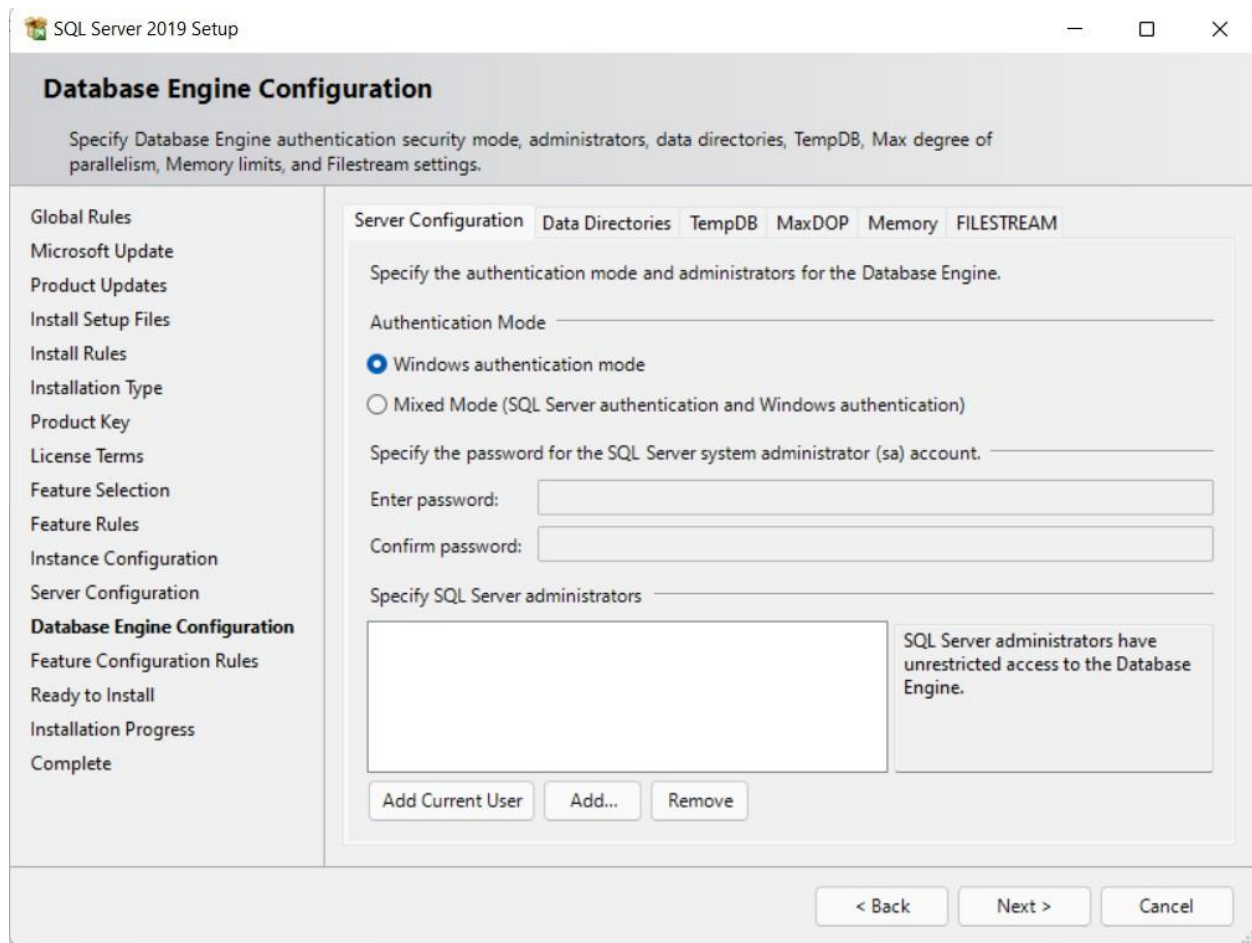
[Click here for details](#)

It should not be disabled make it automatic

< Back

Next >

Cancel



then select mixed Mode:

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Product Key
- License Terms
- Feature Selection
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration**
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

Server Configuration | Data Directories | TempDB | MaxDOP | Memory | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

☐ Windows authentication mode

☒ Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

Enter password:

Confirm password:

Specify SQL Server administrators

SQL Server administrators have unrestricted access to the Database Engine.

SQL Server 2019 Setup

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

- Global Rules
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Product Key
- License Terms
- Feature Selection
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration**
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

Server Configuration | Data Directories | TempDB | MaxDOP | Memory | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

☐ Windows authentication mode

☒ Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

Enter password: ●●●

Confirm password: ●●●

Specify SQL Server administrators

DESKTOP-MD4J0LK\sweth (sweth)

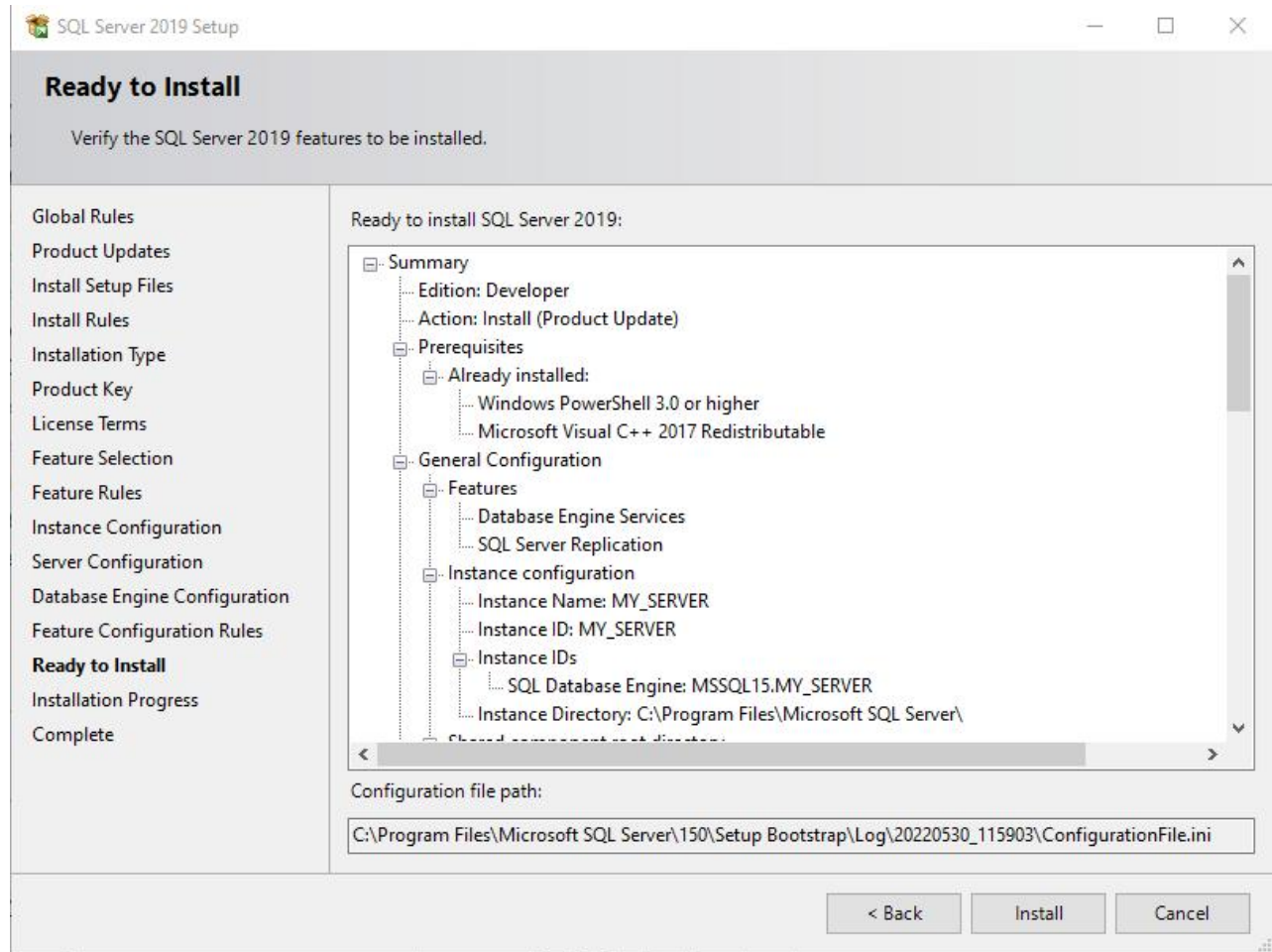
SQL Server administrators have unrestricted access to the Database Engine.

Add Current User | Add... | Remove

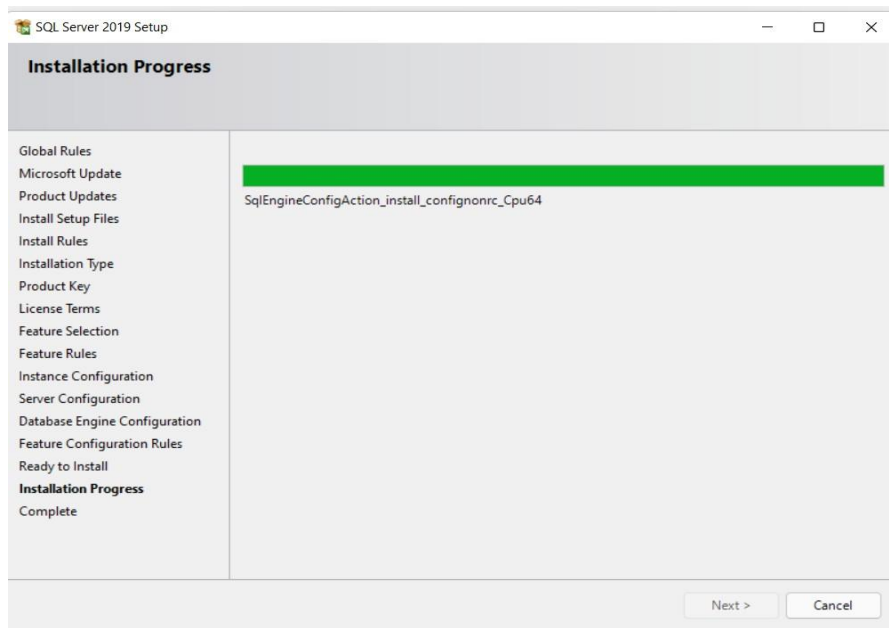
< Back | Next > | Cancel

Note: You can give any password, make sure to remember your password. Because, if you forget no way to change or access your instance with SQL Authentication.

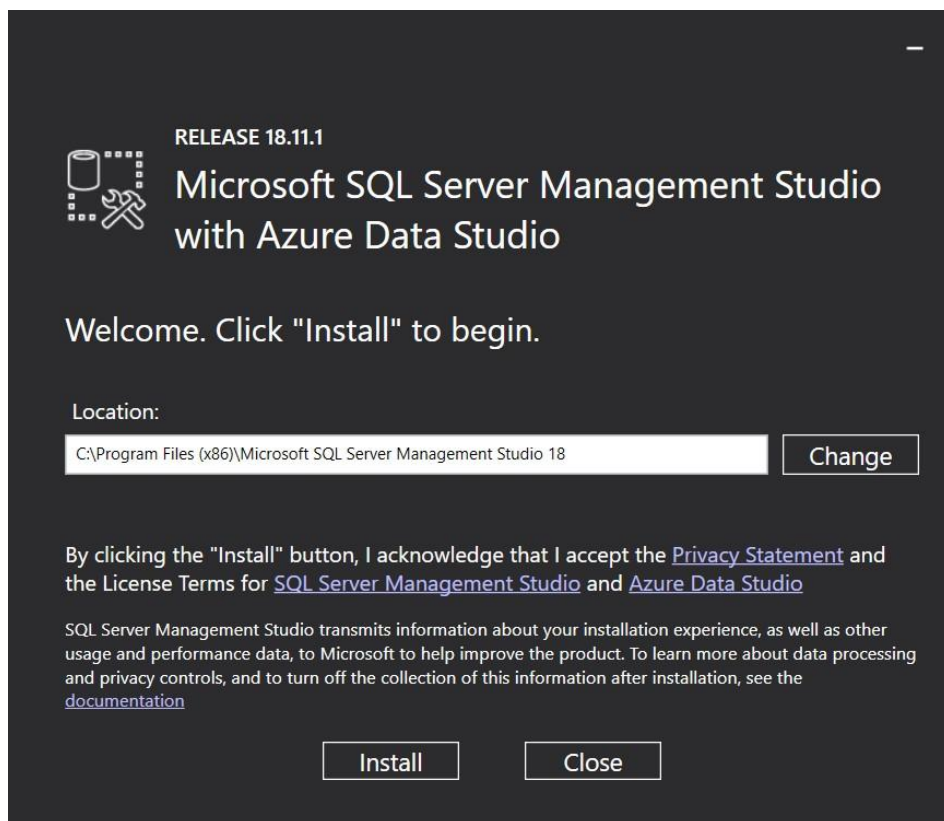
then click on→ Add Current User



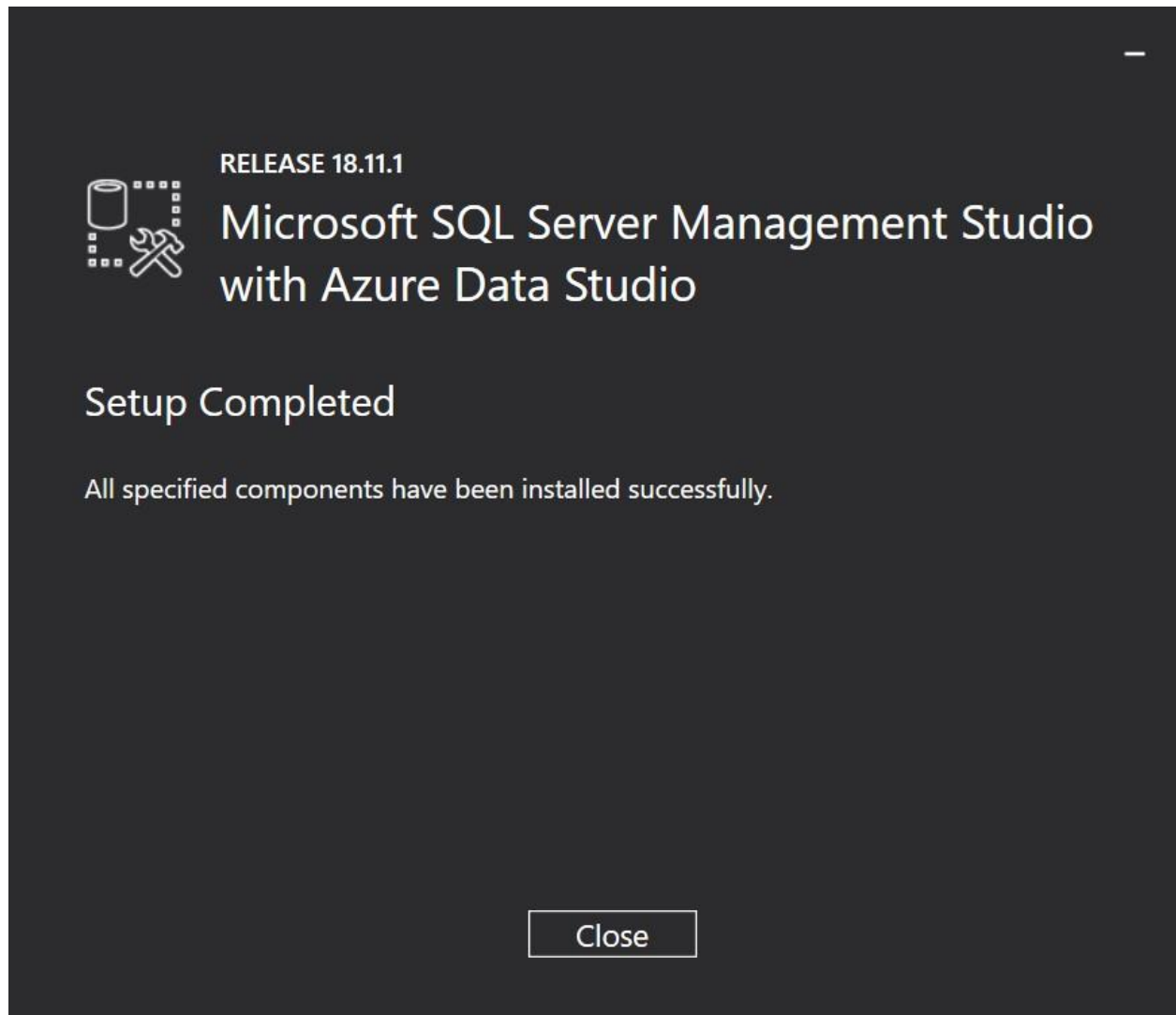
you will be able to see on Specify SQL Server administrators. Then click install button and wait for your instance to install.



Now we will install SSMS Setup file :



then click on Install.



Setup is Completed ...(SSMS)

then click on close:

Close all application which you have opened :(MSSQL):

Application to open and work:

