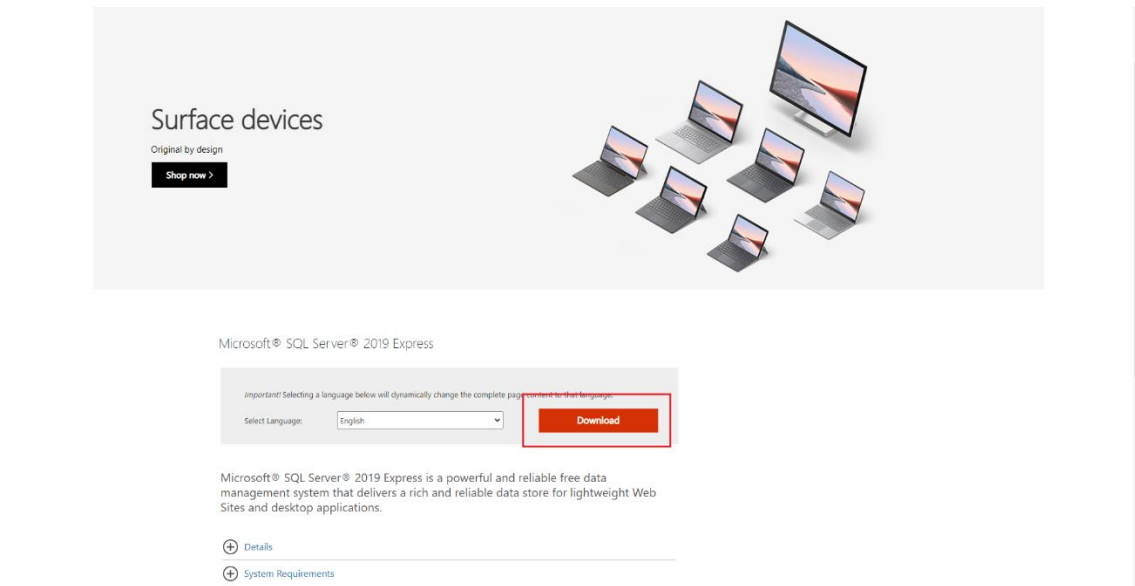# Installing SQL Server 2019 Express and SSMS

Download SQL Server 2019 on the link below
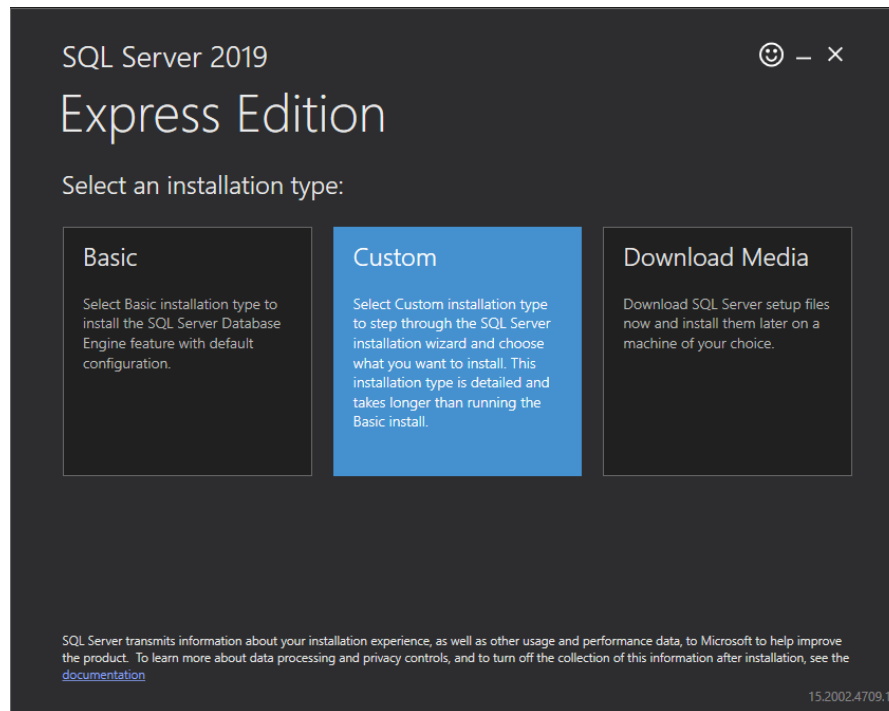
[Download Microsoft® SQL Server® 2019 Express from Official Microsoft Download Center](#)
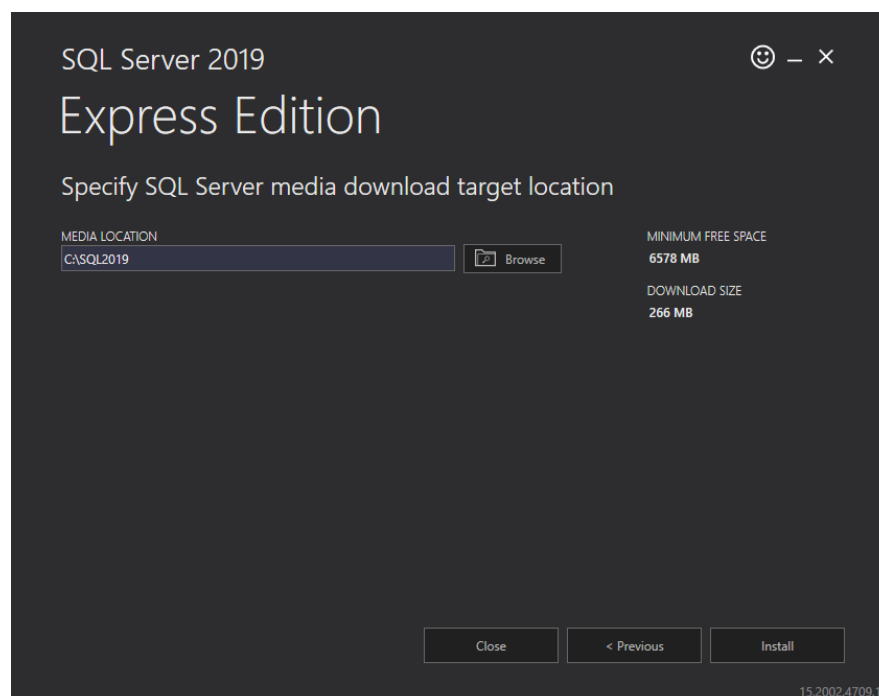

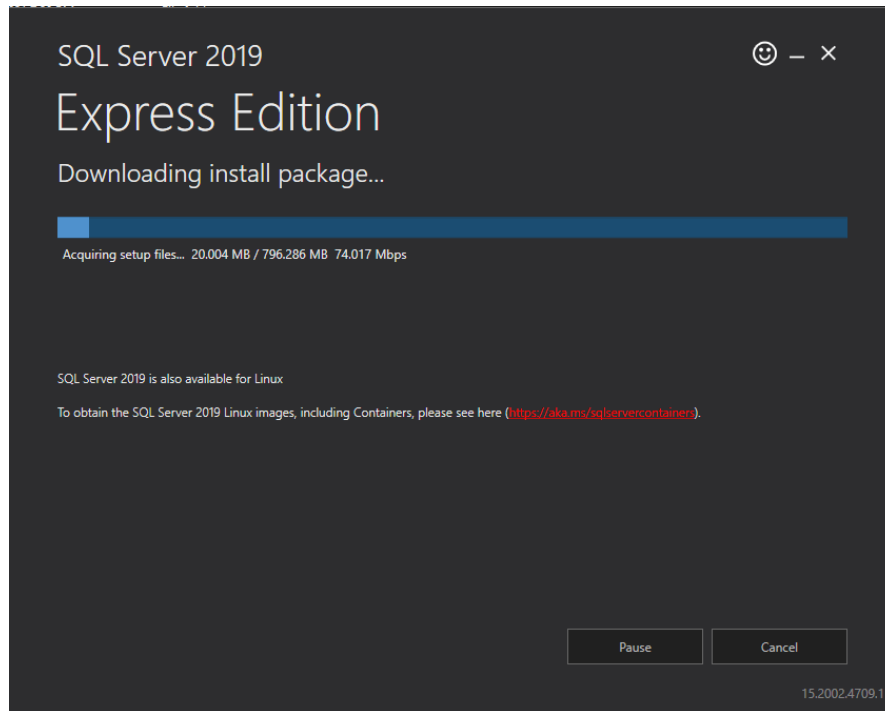Run the installer (exe) file to install SQL Server 2019

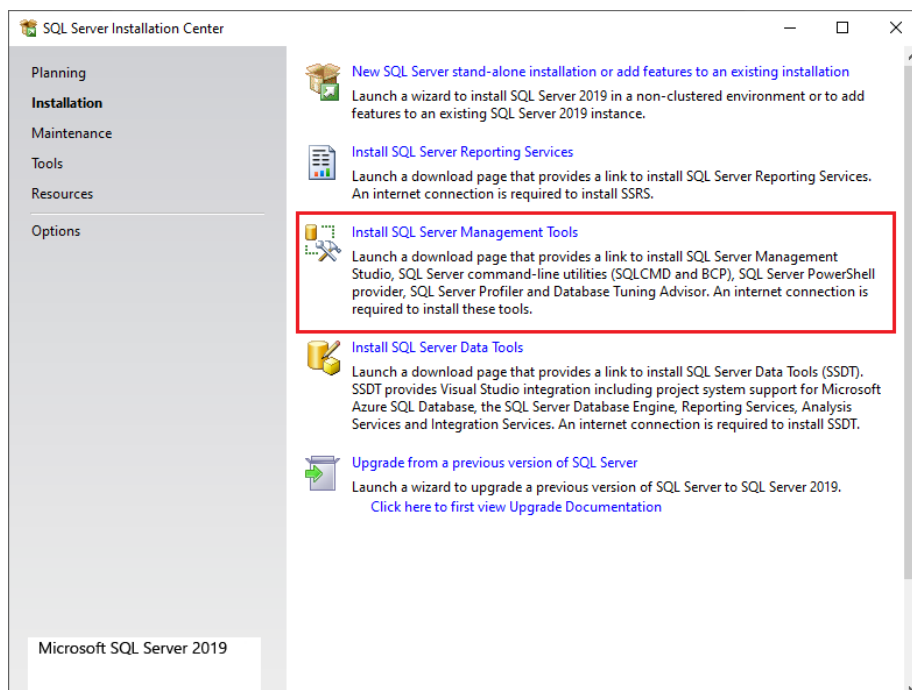Click "Custom" Install.

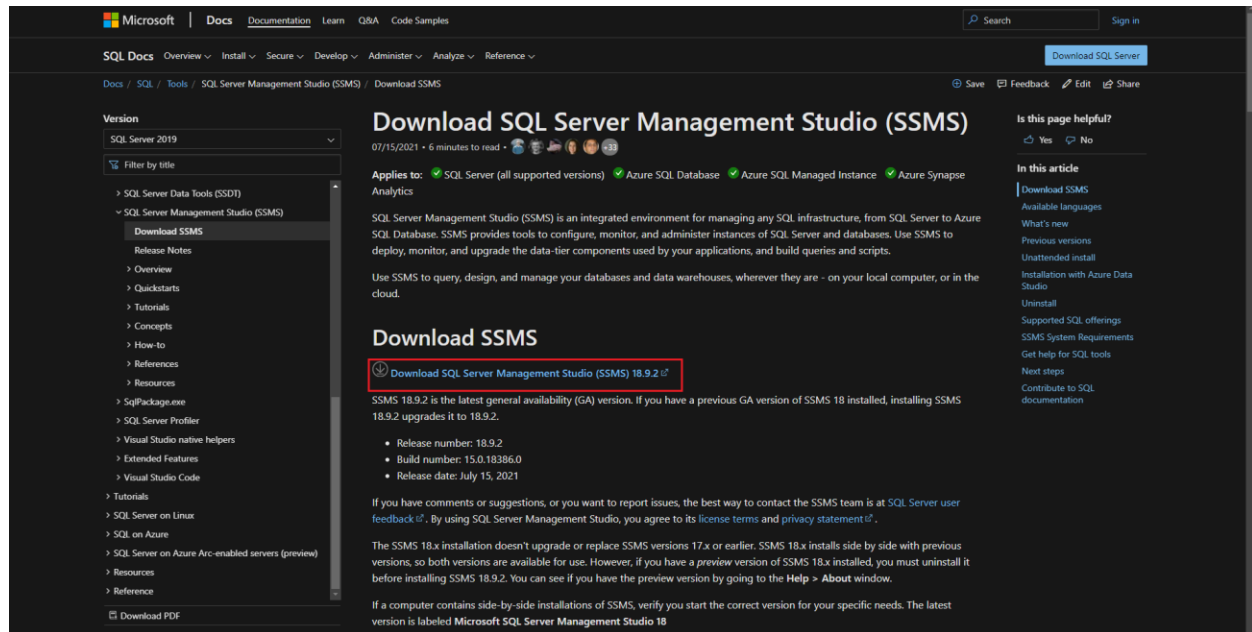Browse which directory you will Install SQL Server 2019 and click "Install".
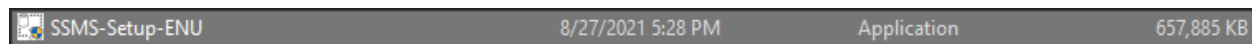
Wait for the download to finish.

After downloading SQL Server Installation Center will open. First install SQL Server Management Tools.
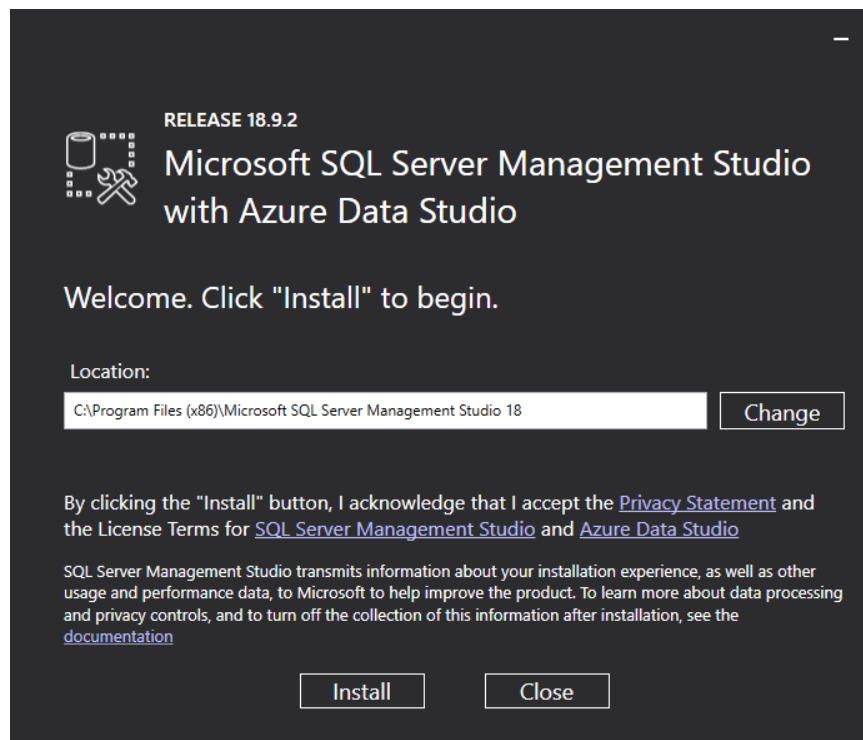
A new tab on your browser will open, download SQL Server Management Studio(SSMS)
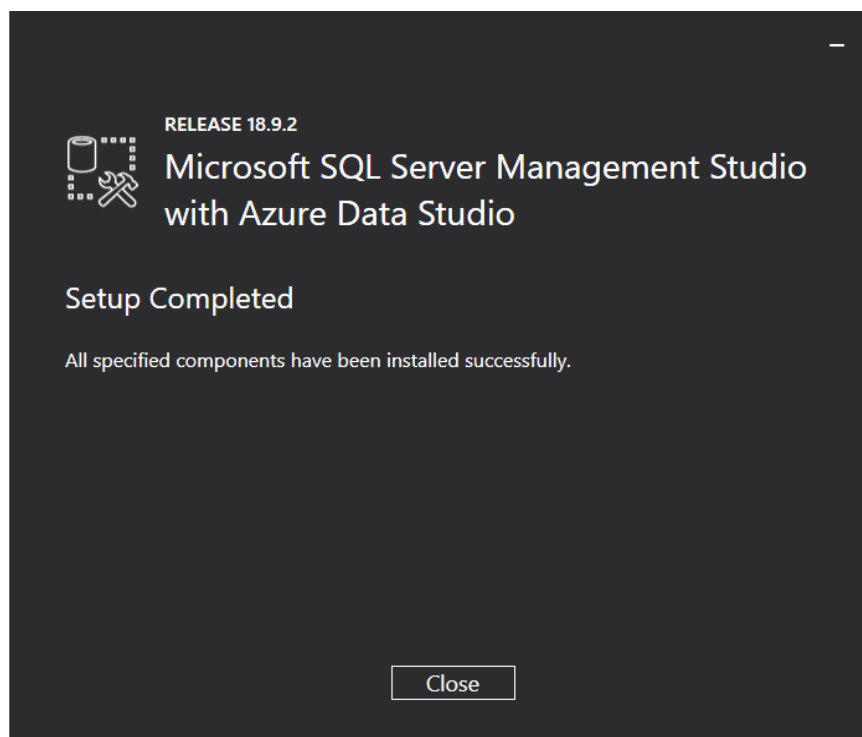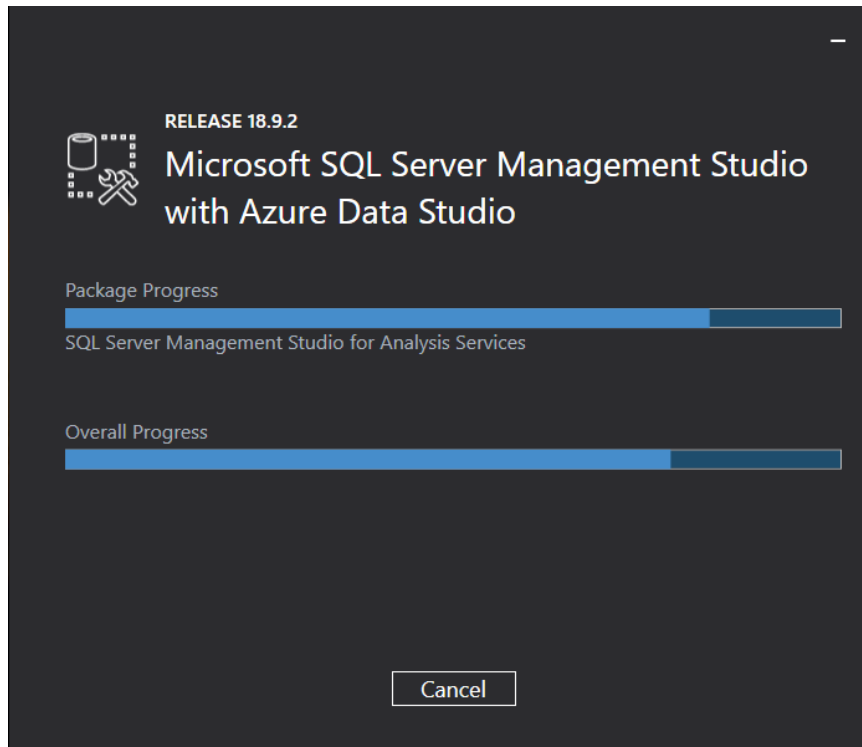

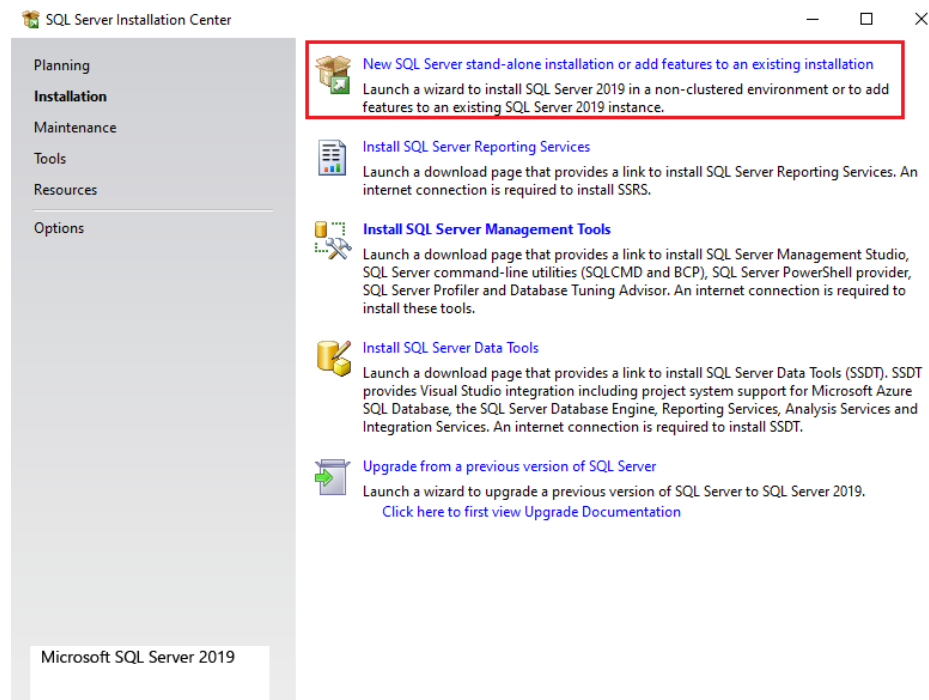Once done downloading the installer, open the exe. File

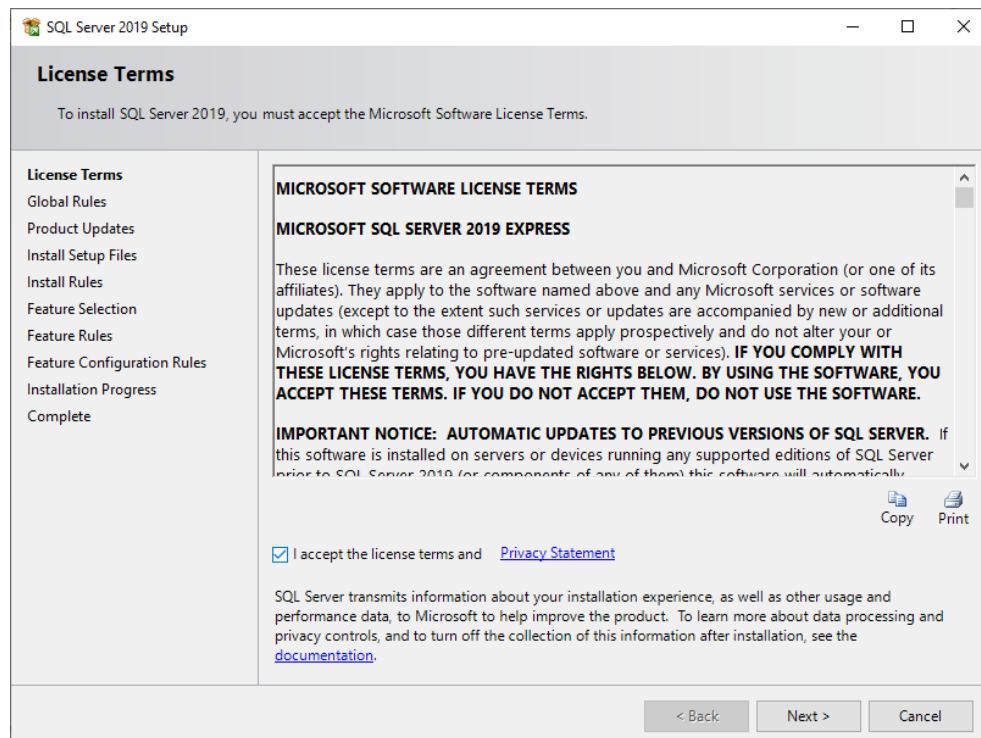

Locate installation folder and click install.
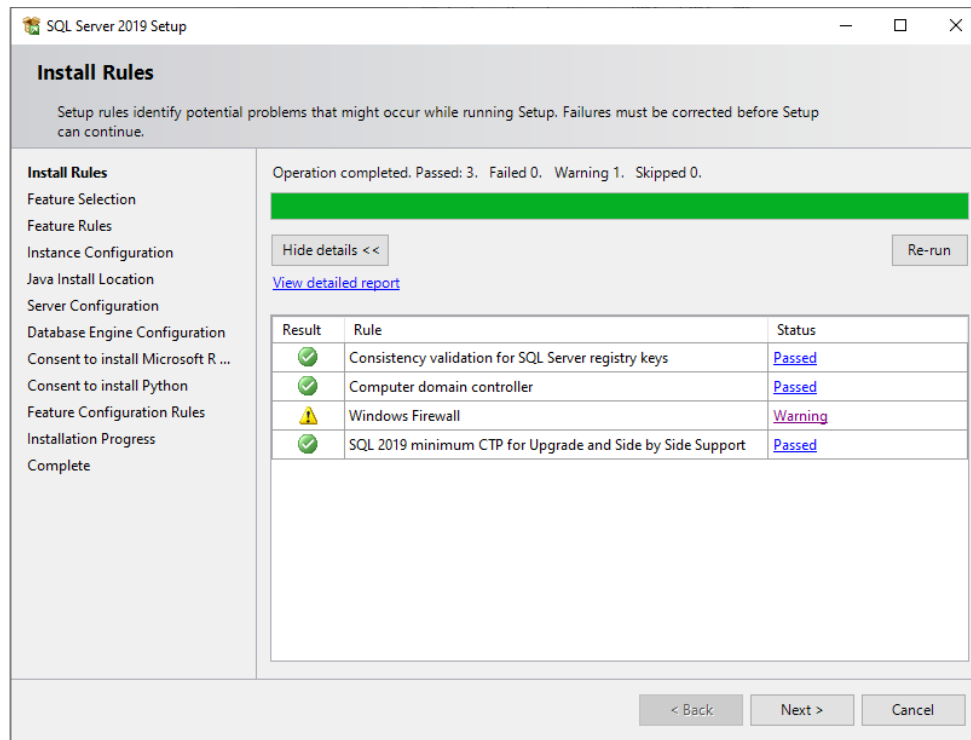
Wait for the installation to finish.

Once setup is complete, go back to SQL Server Installation Center and install SQL Server Stand-alone installation.
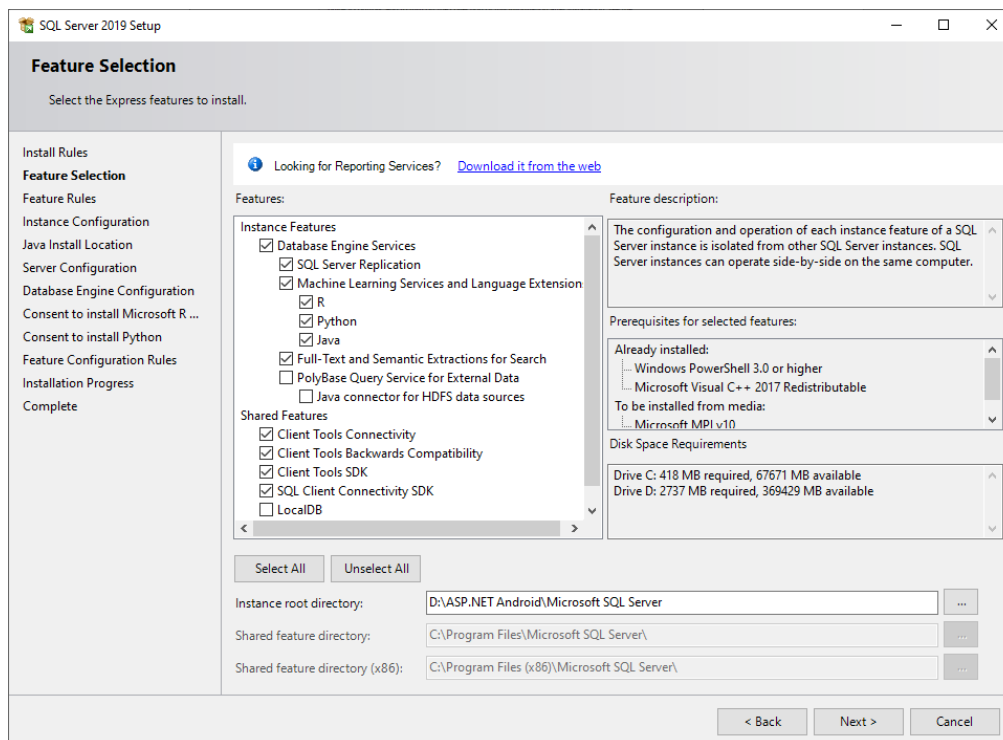

Accept License terms and Privacy Agreement.

Check if all Install Rules are Passed.

Check the features who are needed install. Copy the ones checked on the screenshot below.

Choose Default Instance.

Choose Install Open JRE 11.0.3.

Choose default.

Server Configuration

Specify the service accounts and collation configuration.

Install Rules
Feature Selection
Feature Rules
Instance Configuration
Java Install Location
Server Configuration
Database Engine Configuration
Consent to install Microsoft R ...
Consent to install Python
Feature Configuration Rules
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 Database Engine	NT Service\MSSQLSERVER		Automatic
SQL Server Launchpad	NT Service\MSSQLLaunchpad		Automatic
SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLauncher		Manual
SQL Server Browser	NT AUTHORITY\LOCAL SERVICE		Disabled

☐ 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

< Back   Next >   Cancel

Choose Mixed Mode. Enter password ex.(p@ssw0rd). Please also note that you need to assign an Administrator account to make sure that no problems occur. Make sure that the user account has admin/installation rights during the training.

Click Accept.

Wait for the installation to finish.
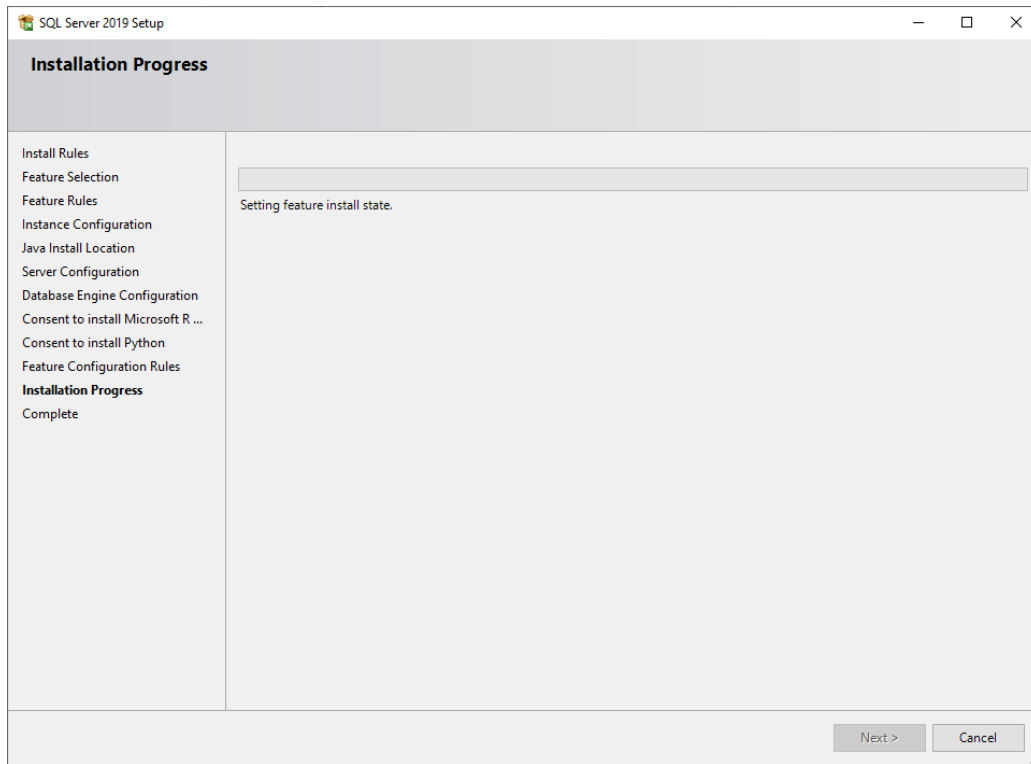
Check if all installation succeeded.

To check if SQL Server 2019 is working, open Microsoft SQL Management Studio 18.

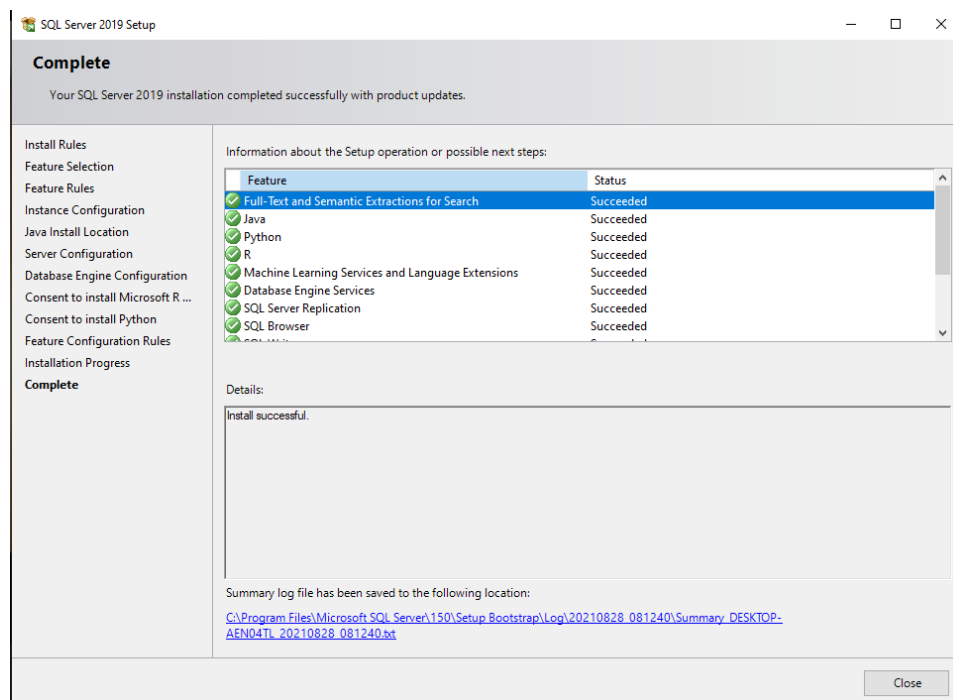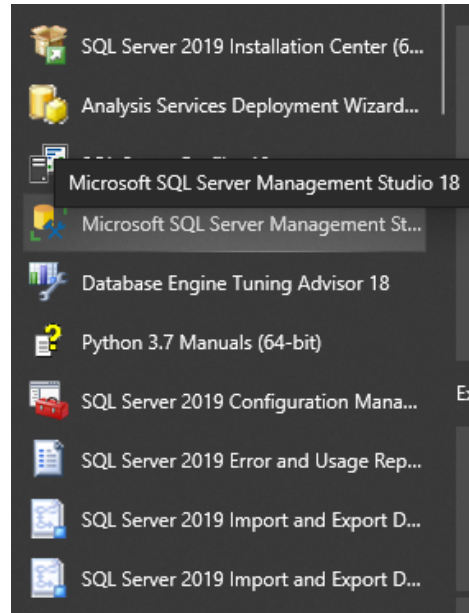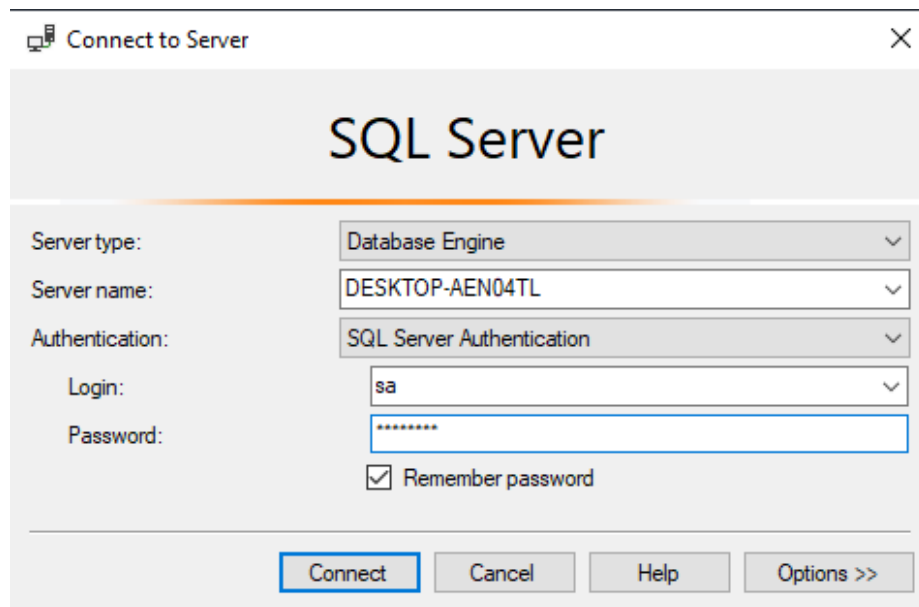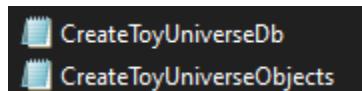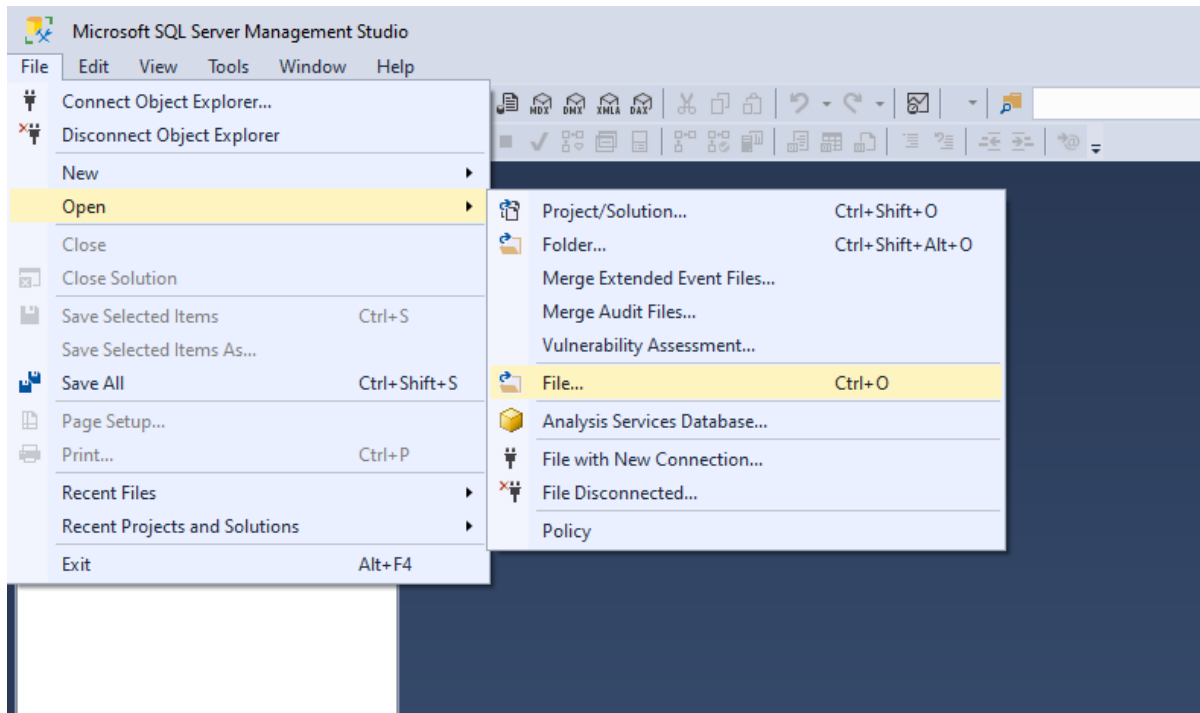Choose SQL Server Authentication on Authentication, enter "sa" as Login and the password you set earlier during the installation of SQL Server 2019 ex(p@ssw0rd) and click Connect.
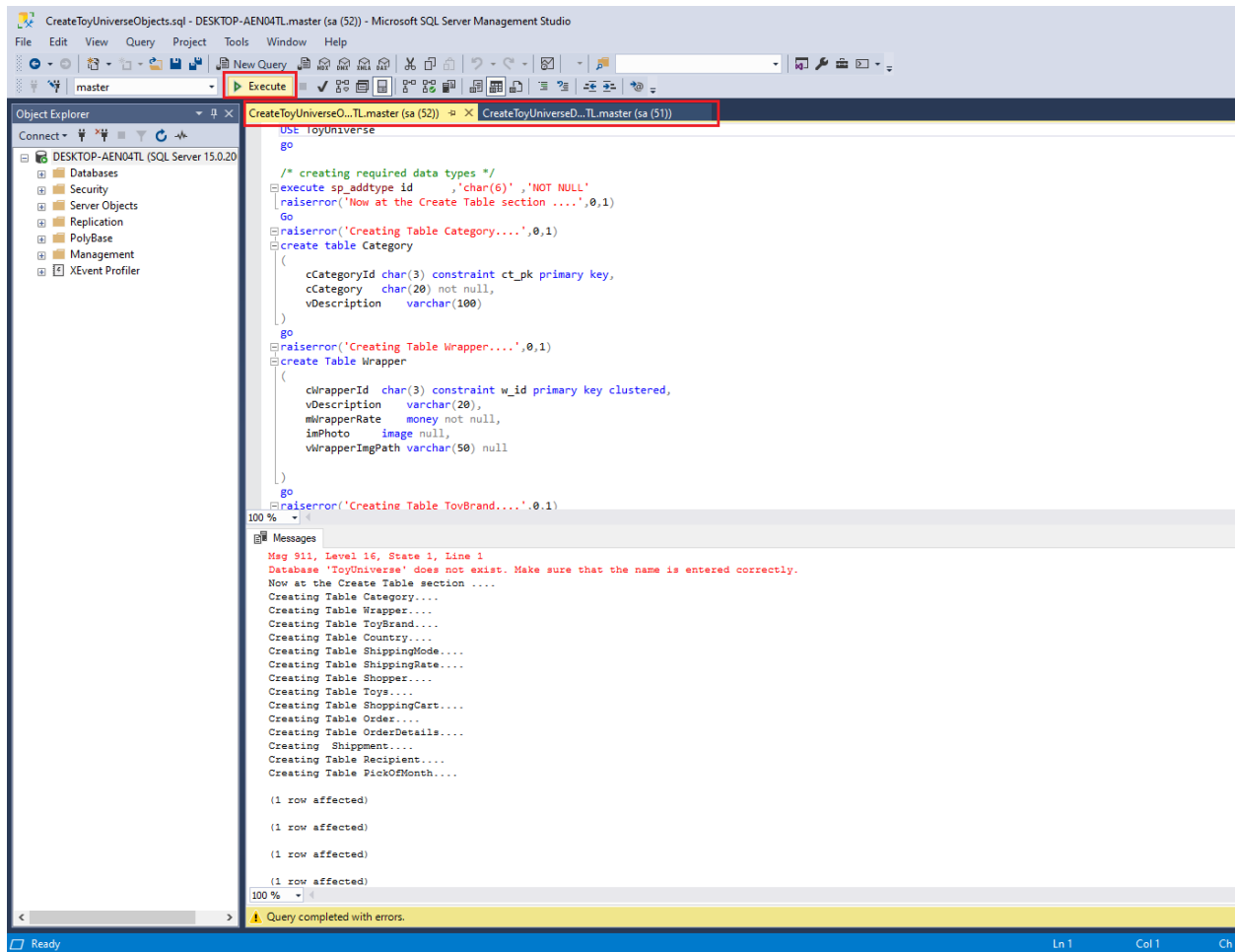
Now download the Schema's on this drive.

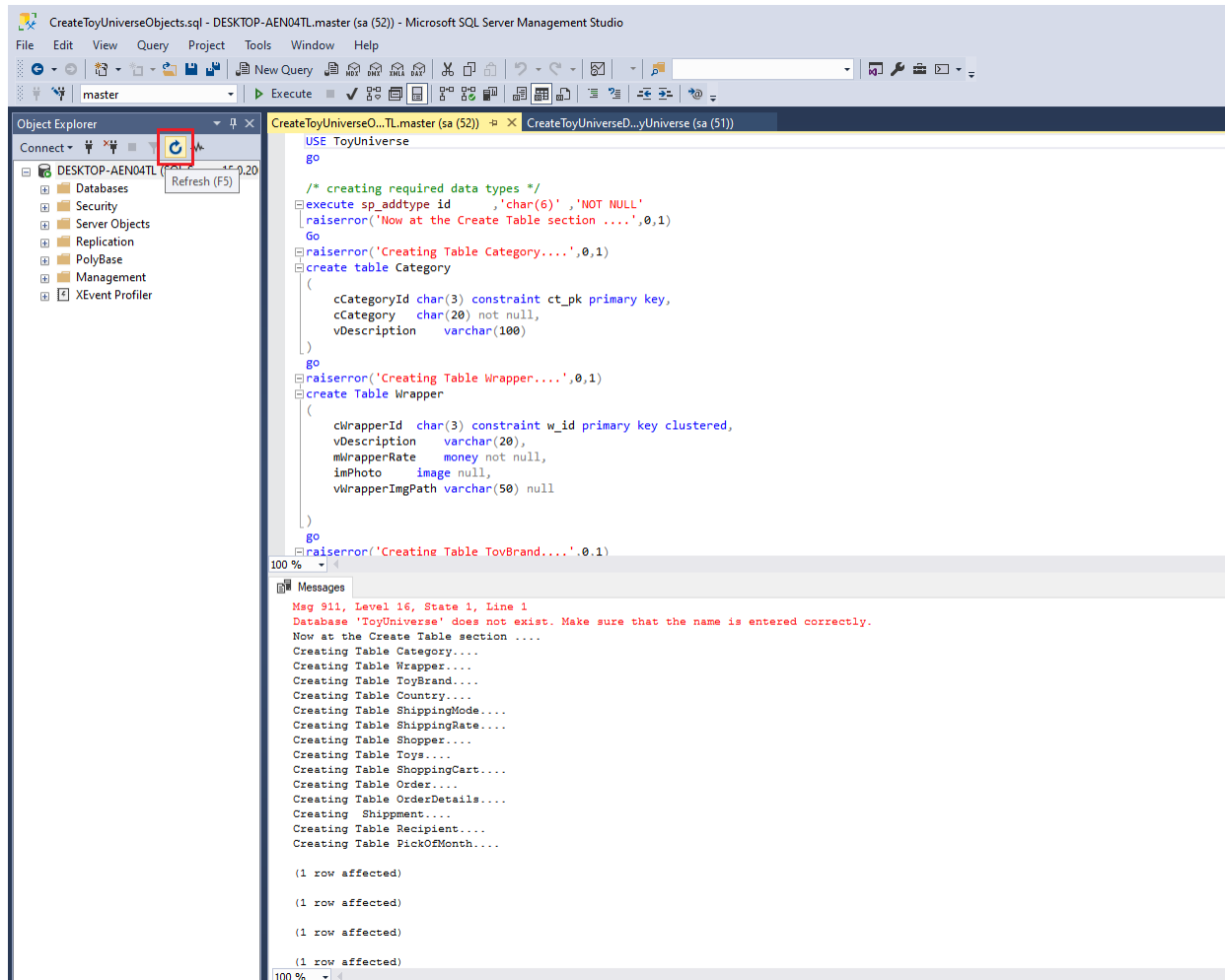https://drive.google.com/drive/folders/1q--W1ylm6iv-4PueWPo8jqCVPEYsjxnp?usp=sharing

Click File > Open > File and locate Schema files that you downloaded.
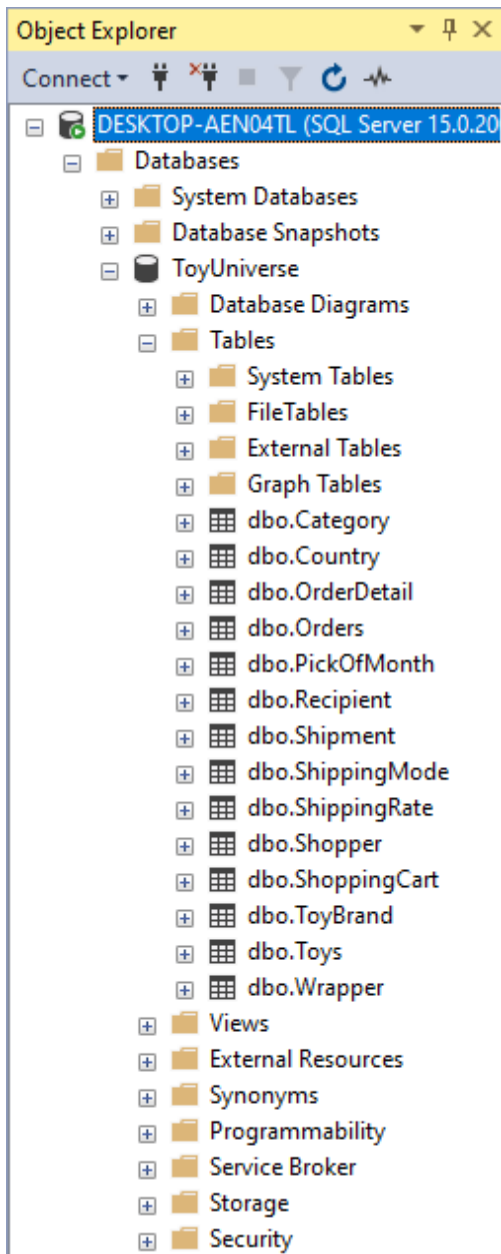
Click Execute for both sql files.

Now hit Refresh or F5 on Object Explorer and check under Databases and check if ToyUniverse DB is in there. If it's in there your SQL Server 2019 is all working.

Please Note:

You need administration Rights during the training to avoid problems.