Load Sample Database

Summary: in this tutorial, you will learn how to create a new database in SQL Server and execute the script to load the sample database.

First, you need to download the following zip file if you have not done so:

Download SQL Server Sample Database

Second, uncompress the zip file, you will see three SQL script files:

- BikeStores Sample Database create objects.sql this file is for creating database objects including schemas and tables.
- BikeStores Sample Database load data.sql this file is for inserting data into the tables
- BikeStores Sample Database drop all objects.sql this file is for removing the tables and their schemas from the sample database. It is useful when you want to refresh the sample database.

Third, let's create a database, create the schemas and tables, and load the sample data.

Step 1

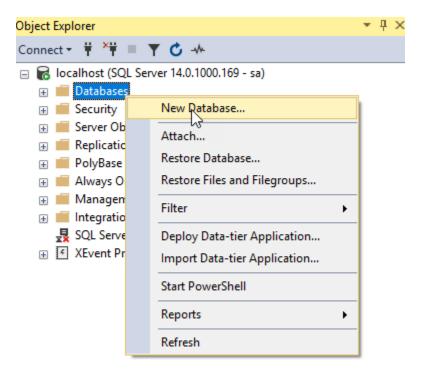
Connect to the SQL Server by (1) choosing the server name, (2) enter the user and (3) password and (4) click the **Connect** button.

☐ Connect to Sen	ver	×
	SQL Server	
Server type:	Database Engine	~
Server name:	localhost	1
Authentication:	SQL Server Authentication	~
Login:	sa 2	~
Password:		3
✓ Remember password		
	Connect Cancel Help	Options >>

Step 2

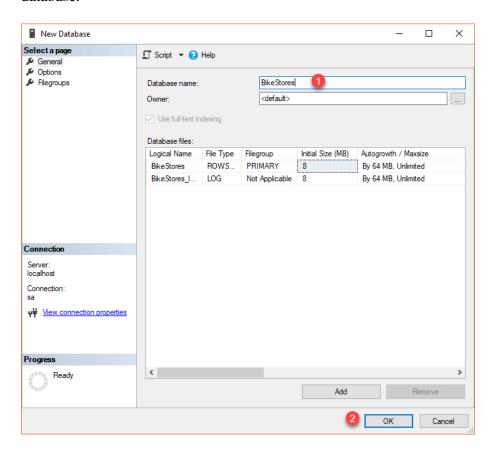
Right-click the **Databases** node in the **Object Explorer** and select the **New Database...** menu item





Step 3

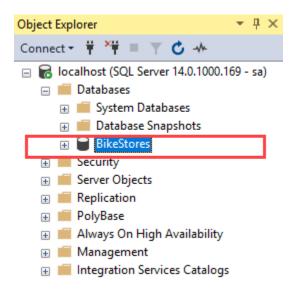
(1) Enter the $\bf Database$ name as BikeStores and (2) click the $\bf OK$ button to create the new database.



Step 4

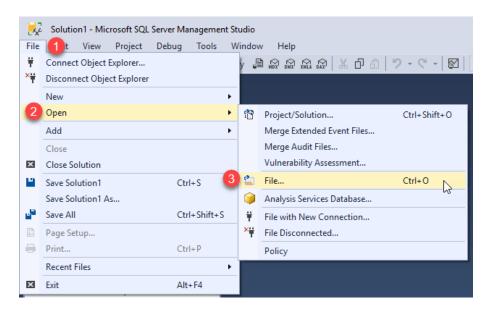


If everything is fine, you will see the database **BikeStores** appears under Databases node as shown in the screenshot below:



Step 5

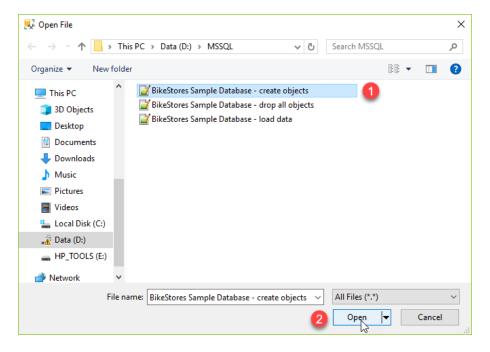
From the File menu, choose Open > File... menu item to open a script file.



Step 6

Select the BikeStores Sample Database – create objects.sql file and click the open button





Step 7

Click the **Execute** button to execute the SQL script.

```
# 😽 BikeStores
                     🚺 🕨 Execute Debug 🌘 🗸 망 🗇 🔒 망 망 🛍 🗐 🛗 🖺 🗀 📜 🧏 🕦
Object Explorer
                             sample database - c...BikeStores (sa (53))
                                 -- create schema
Connect 🕶 🍟 🔳 🔻 🖒 👭
                                CREATE SCHEMA production;

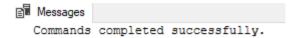
☐ R localhost (SQL Server 14.0.1000.169 - sa)

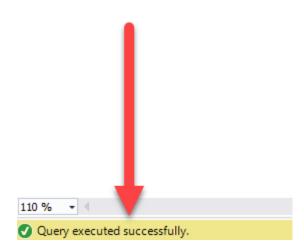
 CREATE SCHEMA sales;
   BikeStores
 create tables
 □CREATE TABLE production.categories (

    Replication
                                    category_id INT IDENTITY (1, 1) PRIMARY KEY,
 category_name VARCHAR (255) NOT NULL
 Management
 Integration Services Catalogs
                               CREATE TABLE production.brands (
   💂 SQL Server Agent (Agent XPs disabled)
                                    \label{eq:brand_id_int}  \mbox{ INT IDENTITY (1, 1) } \mbox{ PRIMARY KEY,} 
 brand_name VARCHAR (255) NOT NULL
```

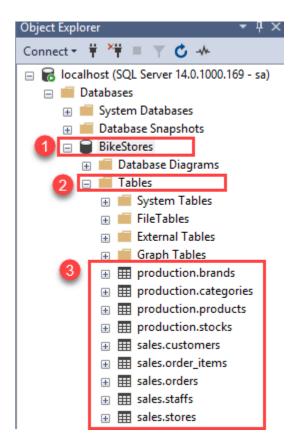
You should see the following result indicated that the query executed successfully.







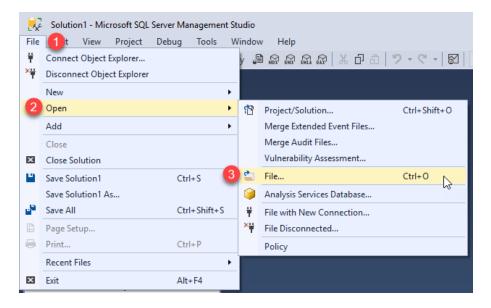
If you expand the **BikeStores > Tables**, you will see the schemas and their tables are created as shown below:



Step 8

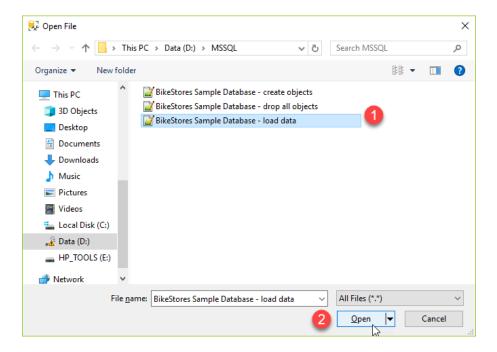
Open the file for loading data into the tables.





Step 9

Choose the BikeStores Sample Database – load data.sql file and click the Open button.



Step 10

Click the **Execute** button to load data into the tables.

You should see the following message indicating that all the statements in the script were executed successfully.



