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# Create database

We can create a database by one of following way:

## Create database by using statement.

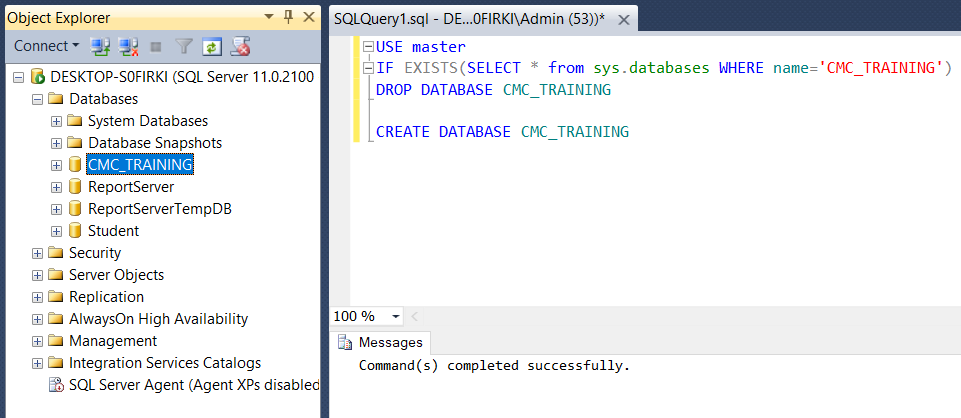
- In the SSMS enters following statement and clicks **Execute.** A database named CMC\_TRAINING will be created.

USE master

IF EXISTS(SELECT \* from sys.databases WHERE name='CMC\_TRAINING')

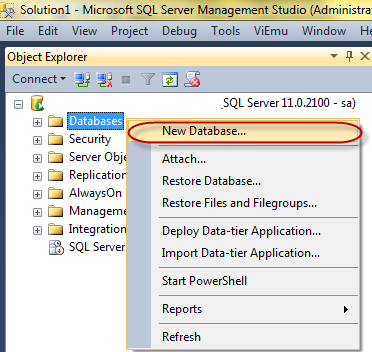
DROP DATABASE CMC\_TRAINING

CREATE DATABASE CMC\_TRAINING



## Create database by graphic tool

- In **Object Explorer**, right clicks on **Database** and choose **New Database...**



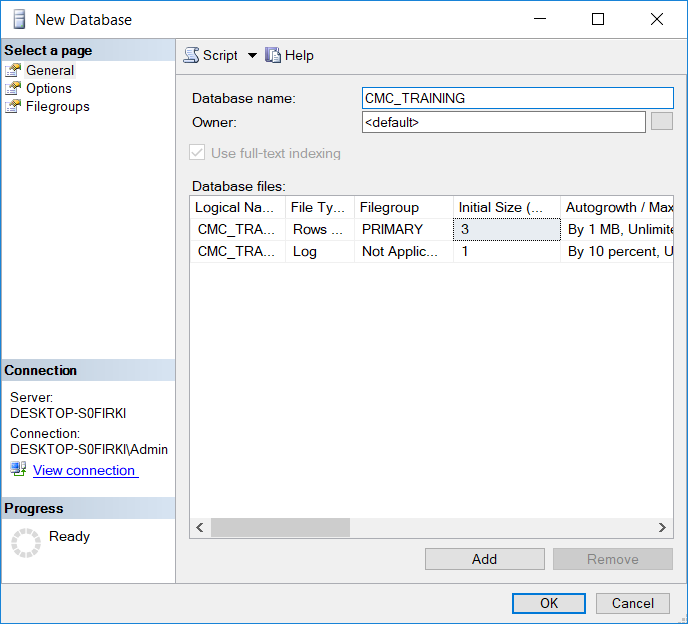
- In the **New Database** dialog, enter CMC\_Training in the **Database name** textbox.

We can change location for mdf and ldf file in **database files**

Each database has at least one mdf file

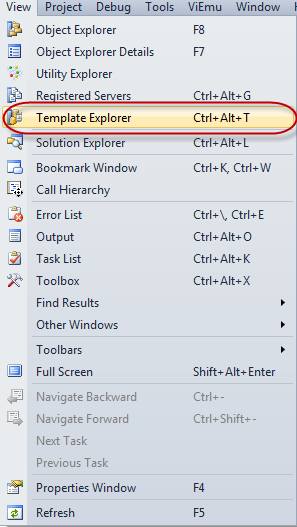
ldf file is a transaction log file. In real world, we should store mdf and ldf in the separate hard disk drive.

Click **OK** button to create the database

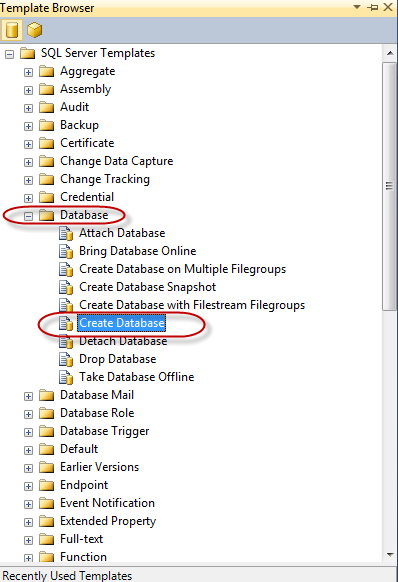


## Create database by using a template

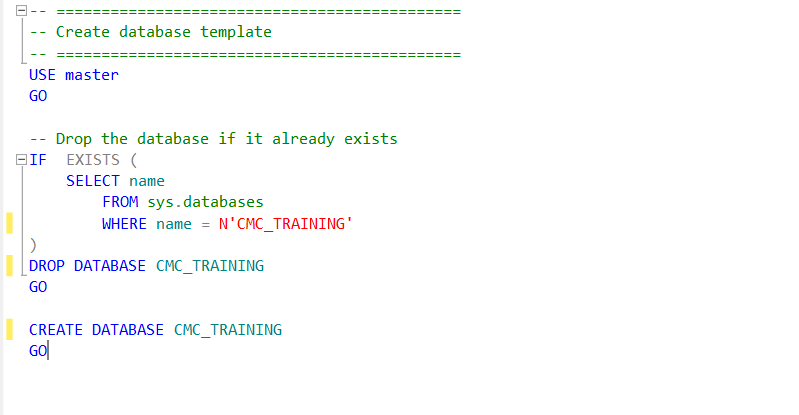
- Choose **Template Explorer** in the **View** menu



- Double click on **Create Database** under **Database** folder



- Just enter database name in the script and run **Execute** as below



# 2. Rename a database

## Rename database by using statement

- Use the below statement in order to rename the database.

USE master;

GO

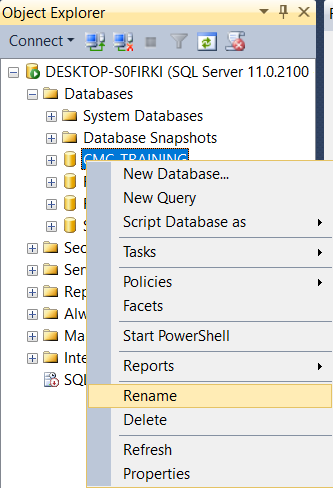
ALTER DATABASE CMC\_Training

Modify Name = CMC\_Training2 ;

GO

## Rename database by graphic tool

- In the **Object Explorer**, right click on the database and choose **Rename**



# 3. Drop a database

## Drop database by using statement

- Copy and Paste below statement and click **Execute**

USE master

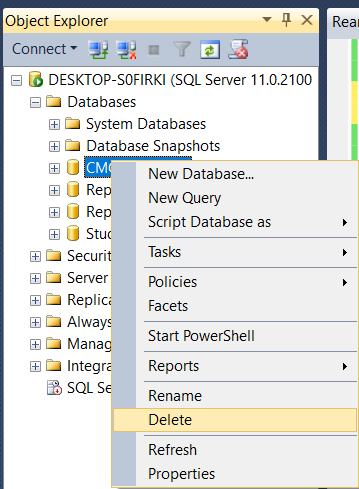
GO

DROP DATABASE CMC\_TRAINING

GO

## Drop database by using graphic tool.

- Right click on the database and choose **Delete**



- In the **Delete Object** dialog, make sure **Close existing connections** is checked and then click **OK**

