Building a SQL Database

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Launch Microsoft SQL Server 2012

On our SQL Server, we have the 2005, 2008 and 2012 version. We select the Microsoft SQL Server 2012.



SQL Server Management Studio

We expand the Microsoft SQL Server 2012 folder and we click the SQL Server Management Studio to open the program.



Connect to Server

We make sure our server name is correct and we choose the Connect button.

SOL Server	er 2012
Server type:	Database Engine
Server name:	CCISERVER
Authentication:	Windows Authentication
<u>U</u> ser name:	CCISERVER\Administrator
<u>P</u> assword:	
	Remember password
Connect	Cancel Help Options >>

SQL Server Management Studio

The SQL Server Management Studio window will open.

Expand the Security folder and right click on the Login folder. Select New login from the menu.



Login – New Window

On the Login – New dialog	Login - New Select a page	Script 🔸 📑 Help		<u>_</u> D×
box, we push the Search	Server Roles	Login <u>n</u> ame:	CCISERVER\irobbins	Search
button and type the		 <u>W</u>indows authentication 		
username in the Select Licer	Image: Status	O SQL Server authentication		
username in the select user		Password:		
or Group window select OK.		Confirm password:		
The login name appears in		Specify old password		
		Old password:	1	
the textbox. We can choose		Enforce password policy Enforce password evoic	y ztion	
the default database and		User must change pass	word at next login	
		Mapped to certificate	_	
language.		O Mapped to asymmetric key		
		Map to Credential		Add
Select User or Group	? ×	Mapped Credentials	Credential Provider	
Select this object type:				
User or Built-in security principal	Object Types			
From this location:				
CCISERVER	Locations			
, Establish a birst same to sale t (succedus)				Remo <u>v</u> e
Enter the object name to select (examples):		Default <u>d</u> atabase:	master	
Iroddins	Check Names	Default language:	English	
			ОК	Cancel
<u>A</u> dvanced	OK Cancel			

Create a New Database

To create a new database, we right click on Database in the left pane and we select New Database from the menu.



New Database Window

We type the name of the database and we assign the owner. We will use our username.

Select a page	🖳 Script 👻 📑 H	lelp					
🚰 General							
Poptions	Database name:		food orderin	20			
Filegroups	Database <u>n</u> ame.						
	Owner:		BUILTINVA	dministrators			
	🗖 Llee full-text in	devina					
		lucking					
	Database files:						
	Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Maxsize		
	food ordering	Rows	PRIMARY	2	By 1 MB. Unlimited		
	food orderin	log	Not Applicable	1	By 10 percent Unlimited		
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Connection							
Server:							
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Progress							
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Log Maximum File Size

On the feed ordering	New Database						
On the lood ordering	Select a page	Script - 🛐 Help					
log, we click on the three dotted icon as shown and change the Maximum File Size to	Options Filegroups	Database <u>n</u> ame: <u>O</u> wner: <u>U</u> se full text indexing Database files: I opical Name File Type File		food_orderin BUILTIN\A	Fleggnup (Initial Size (MB)) (Autogrowth / Maysize		
100 MB.		food_ordering	Rows	PRIMARY	2	By 1 MB, Unlimited	C:\Prog
		food_orderin	Log	Not Applicable	1	By 10 percent, Limited to 100	C:\Prog
 Change Autogrowth for food_ordering Enable Autogrowth File Growth In Percent In Megabytes 	log X						
Maximum File Size <u>L</u> imited to (MB) <u>U</u> nlimited	100	•				<u>A</u> dd <u>B</u> emov	e .
C	OK Cancel					ОКС	ancel

Food Ordering Database

In our next lesson, we will create the tables for our food ordering database.

