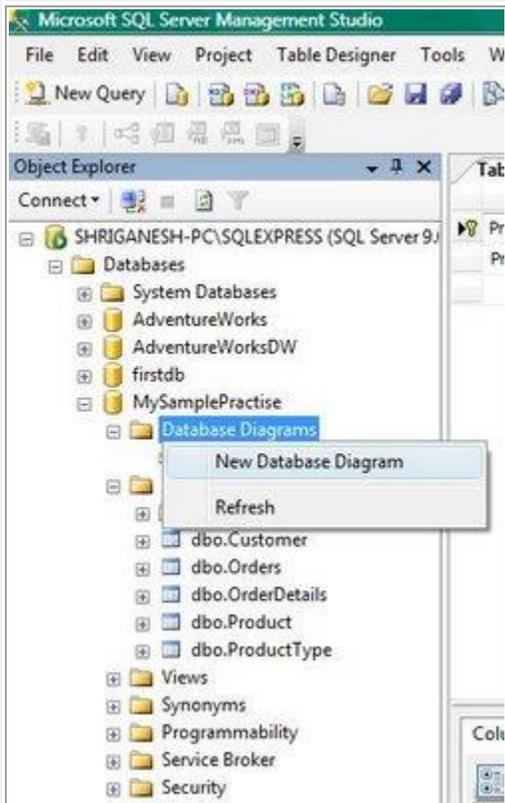


**Screen shot**

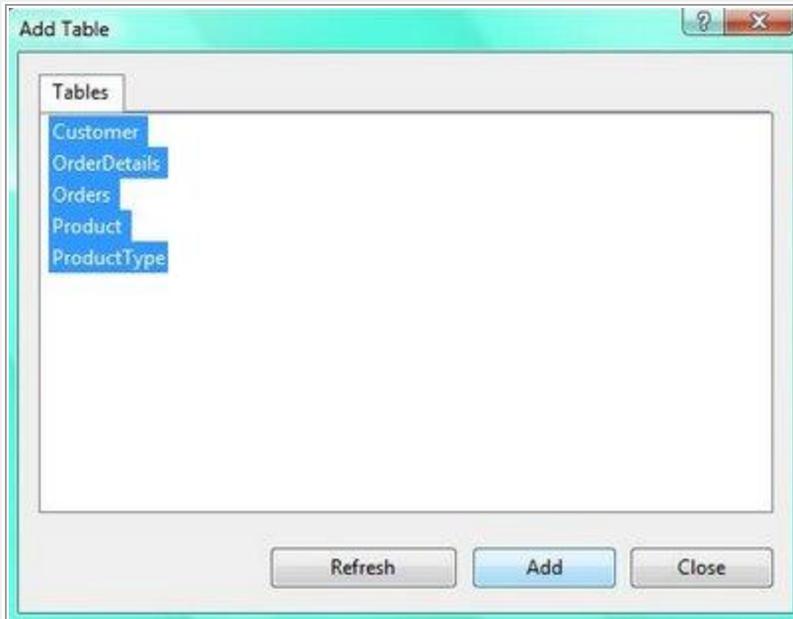


**Directions**

Open SQL Server Management Studio



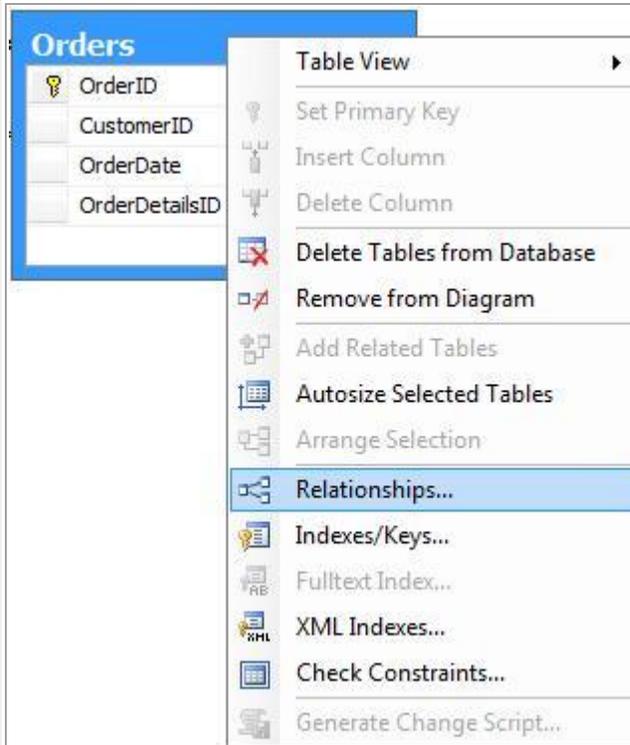
Navigate to Database, and select 'New Database Diagram'



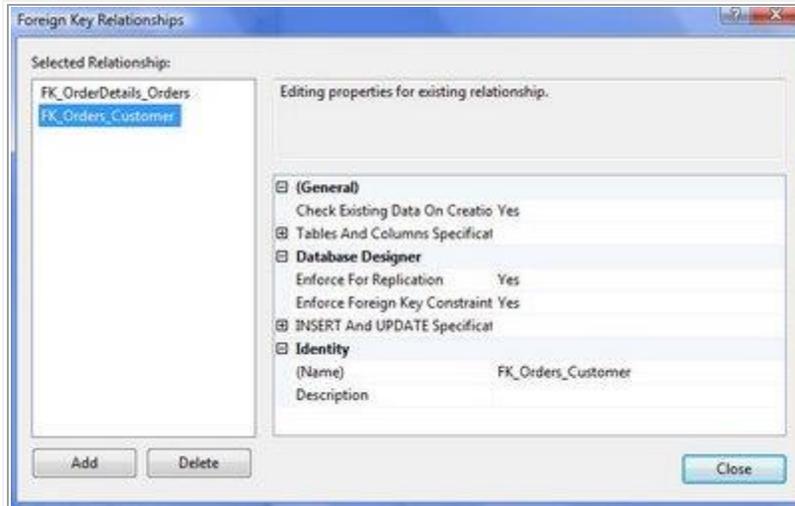
Select Table  
and press Add button

Adding a relationship among tables

Right click the "Many" Table as They don't allow to change foreign key table in Relationship dialog.



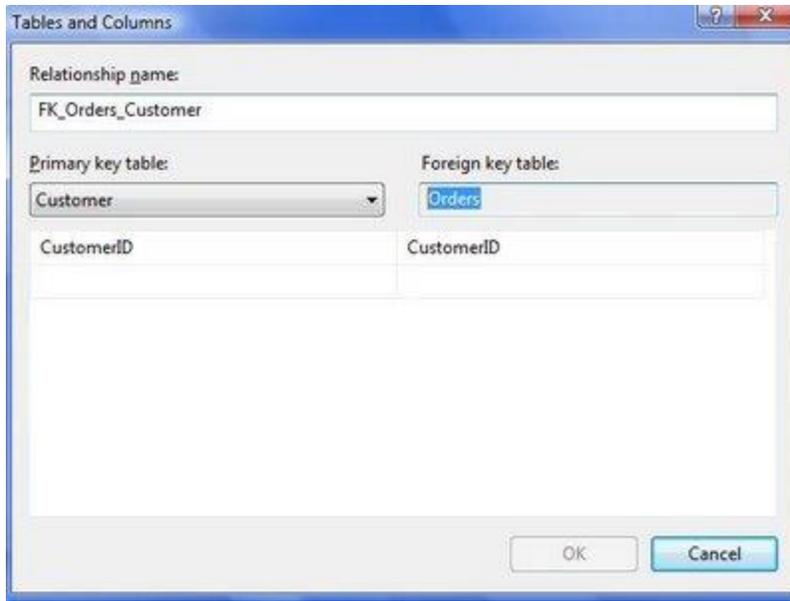
Click on Orders Table, as  
1 Customer can place  
Many Orders



Foreign Key Relationship dialog box will appear, press add button and you will find details appear on right pane of dialog box.

Now click the open dialog button on right of "Table And Columns Specification" from right pane of dialog box.

For creating relationship between Orders and Customer, CustomerID is used. Select Table "Customer" for Primary Key Table and table "Orders" for Foreign Key.



And press ok button to create relationship between two table.

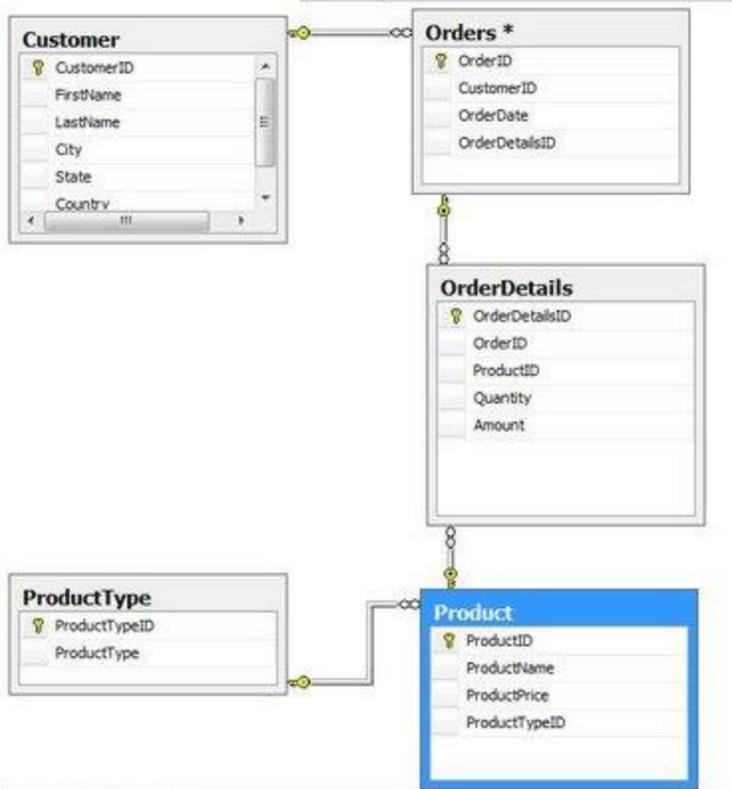
### **Advantage of creating relationship**

- It will not allow to enter orders details without customer information. That is it allow to enter orders details of valid customer.
- It will not allow to delete customer information, until all details associated with customer is delete.
- You may change setting as per your need by selecting No from dropdown of "Enforce for Replication" and "Enforce foreign key constraint"

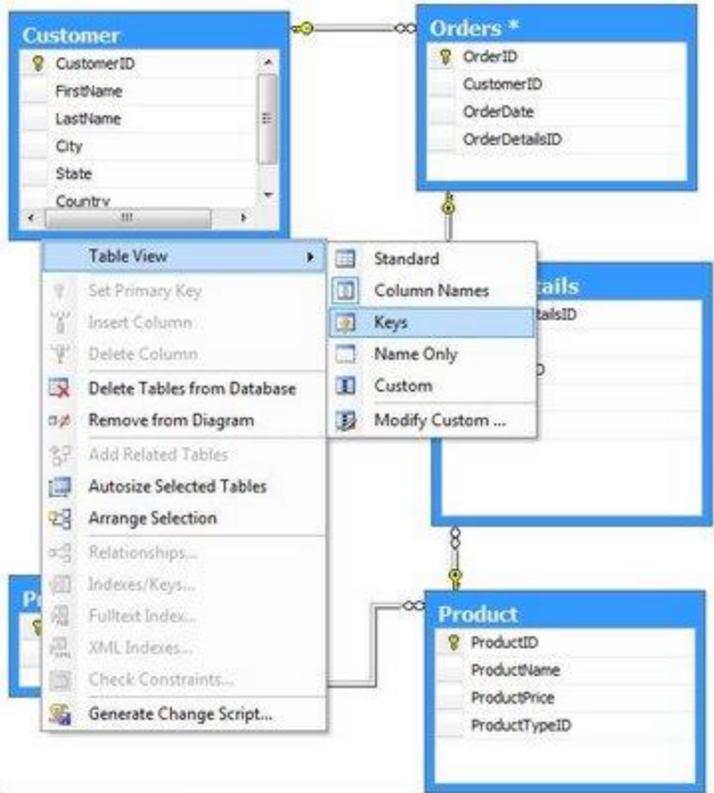
Similarly you need to create relationship between remaining tables.

- **1 Customer** can place **Many Orders**
- **1 Order** can have **Many OrderDetails**
- **1 Product** can be in **Many OrderDetails**
- **1 ProductType** consist of **Many Product**

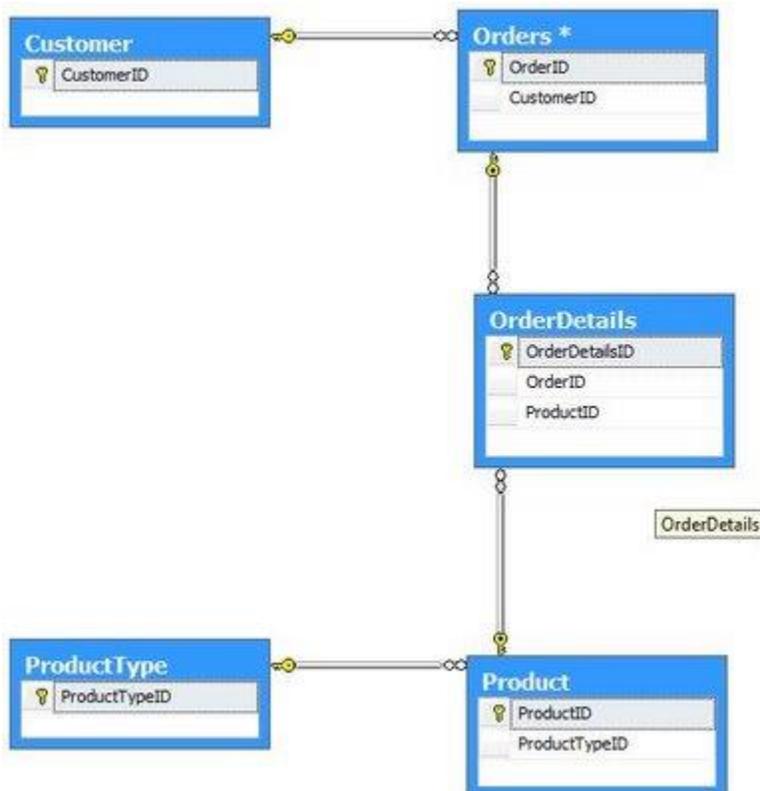
At the end Relationship diagram looks as under



When you are dealing with large database with 100's of table, you can change the view of table by selecting all table with "ctrl+A" and right clicking any of selected table and change its views so that it is convenient to view.



A sample diagram will now look as under



**References:**

<http://dotnetguts.blogspot.com/2007/10/basics-of-sql-server-2005.html>