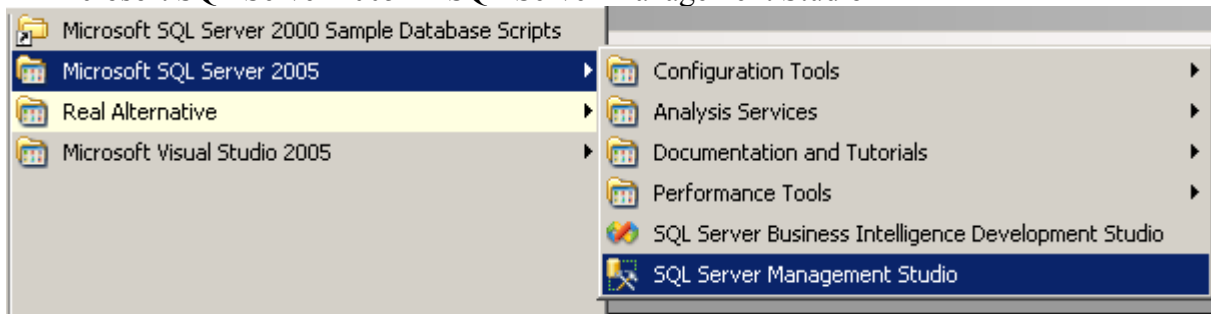


Lauren Jones
Mike Ellis
Matt Bernardo
Sam Bertram
CS 474-1
February 24 2009

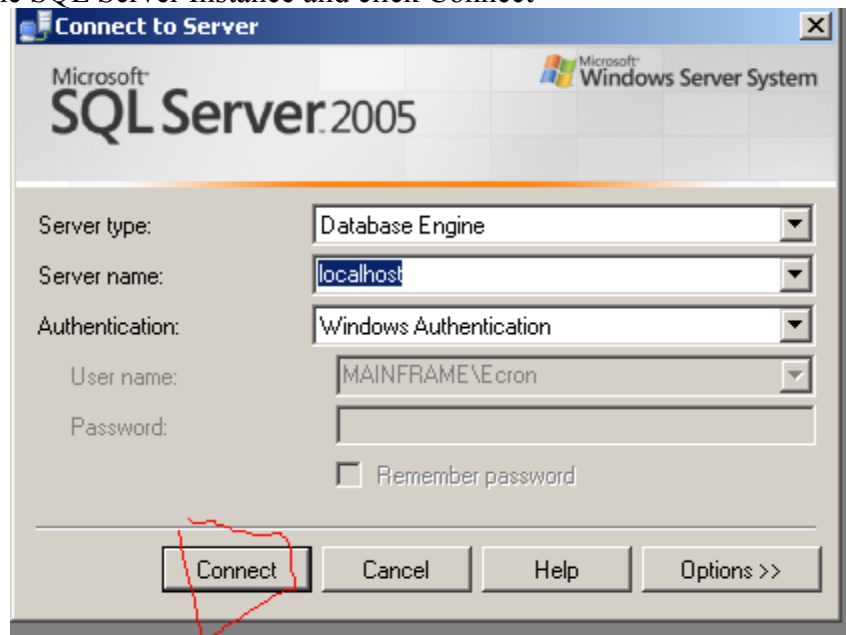
How do you Export and Import data in SQL Server SQL Server 2005

Beginning Instructions for Exporting Data and Importing Data

- 1) Open up Microsoft SQL Server Management Studio by going to Start → All Programs → Microsoft SQL Server 2005 → SQL Server Management Studio

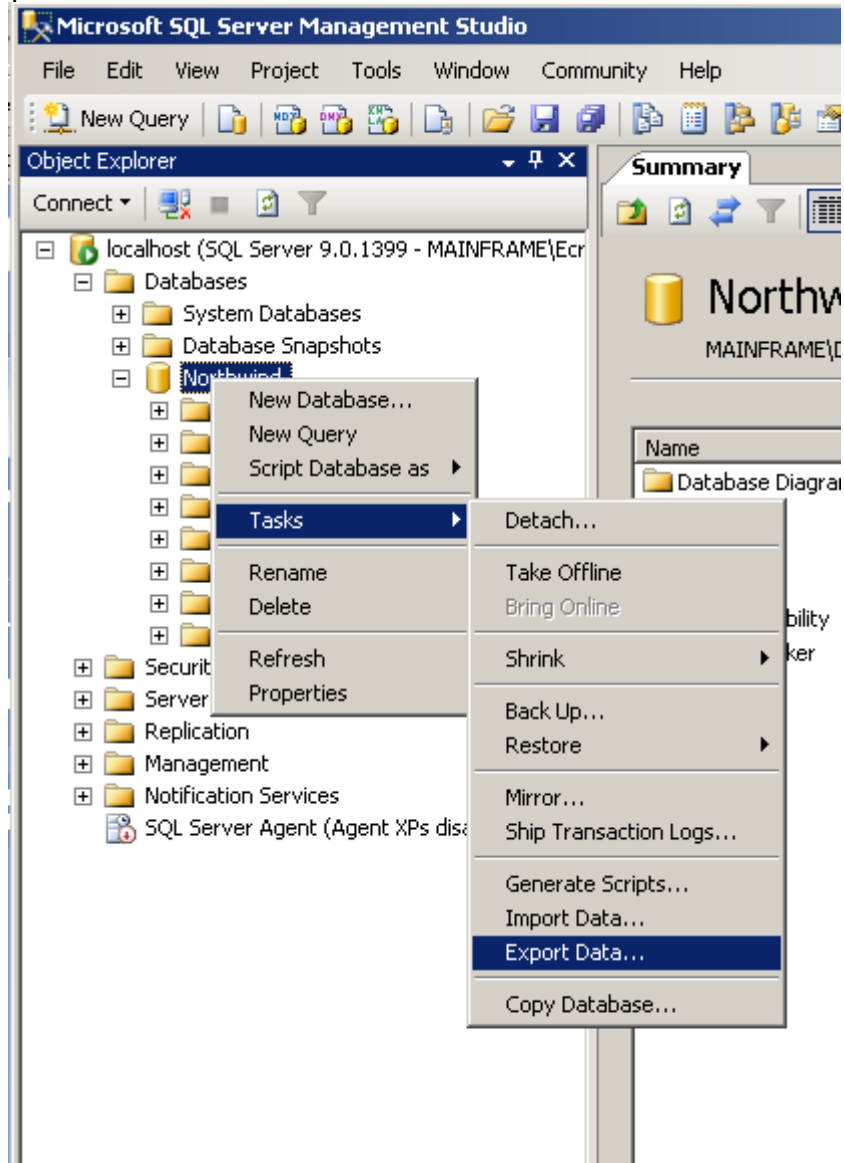


- 2) Login to the SQL Server Instance and click Connect

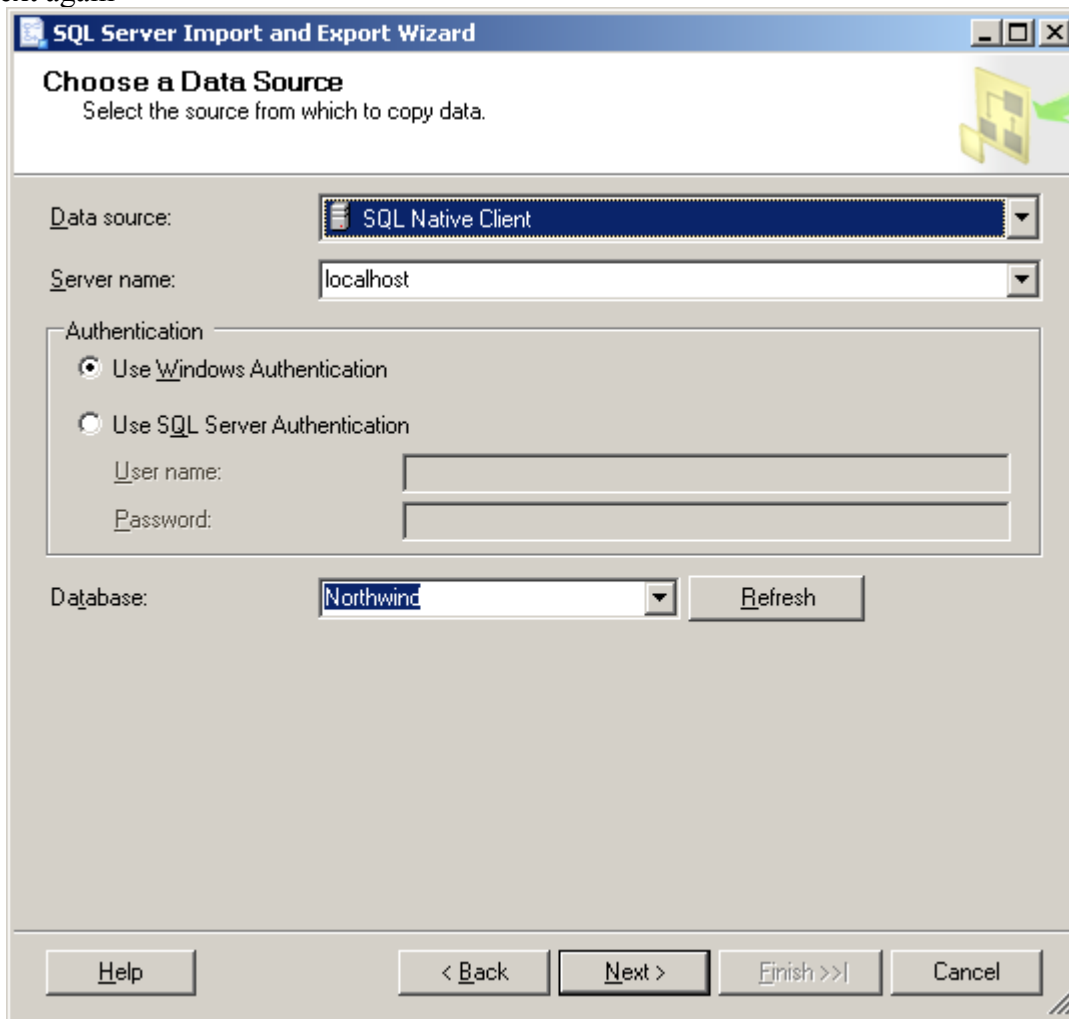


Exporting Data

- 1) In the Object Explorer, select Databases and then right-click the desired database and go to Tasks → Export Data

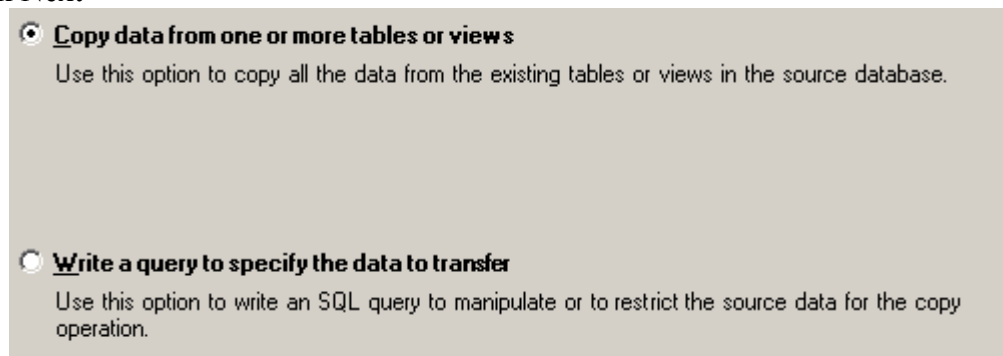


- 2) Click Next and then select your Data Source, Server Name, Authentication and Database, Click Next again



The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Choose a Data Source' step. The window has a title bar with standard Windows controls. Below the title bar, the text 'Choose a Data Source' is displayed, followed by the instruction 'Select the source from which to copy data.' To the right of this text is a small icon of a folder with a green arrow pointing to it. The main area of the window contains several fields: 'Data source:' with a dropdown menu showing 'SQL Native Client'; 'Server name:' with a text box containing 'localhost'; an 'Authentication' section with two radio buttons: 'Use Windows Authentication' (selected) and 'Use SQL Server Authentication'; 'User name:' and 'Password:' text boxes; and 'Database:' with a dropdown menu showing 'Northwind' and a 'Refresh' button. At the bottom of the window are five buttons: 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'.

- 3) Please fill out the information in regards to the Destination (Data Source, Server Name, Authentication and Database). This screen will look like the picture above. Click Next
- 4) You will now have one of two options. Select the first option to copy data table by table and Click Next



The screenshot shows the next step in the wizard, which presents two options for copying data. The first option, 'Copy data from one or more tables or views', is selected with a radio button. Below it is the instruction: 'Use this option to copy all the data from the existing tables or views in the source database.' The second option, 'Write a query to specify the data to transfer', is not selected. Below it is the instruction: 'Use this option to write an SQL query to manipulate or to restrict the source data for the copy operation.'

- 5) Select all of the source tables you wish to copy and then click Finish

The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Select Source Tables and Views' step. The window title is 'SQL Server Import and Export Wizard'. Below the title bar, the text 'Select Source Tables and Views' is displayed, followed by the instruction 'Choose one or more tables and views to copy.'.

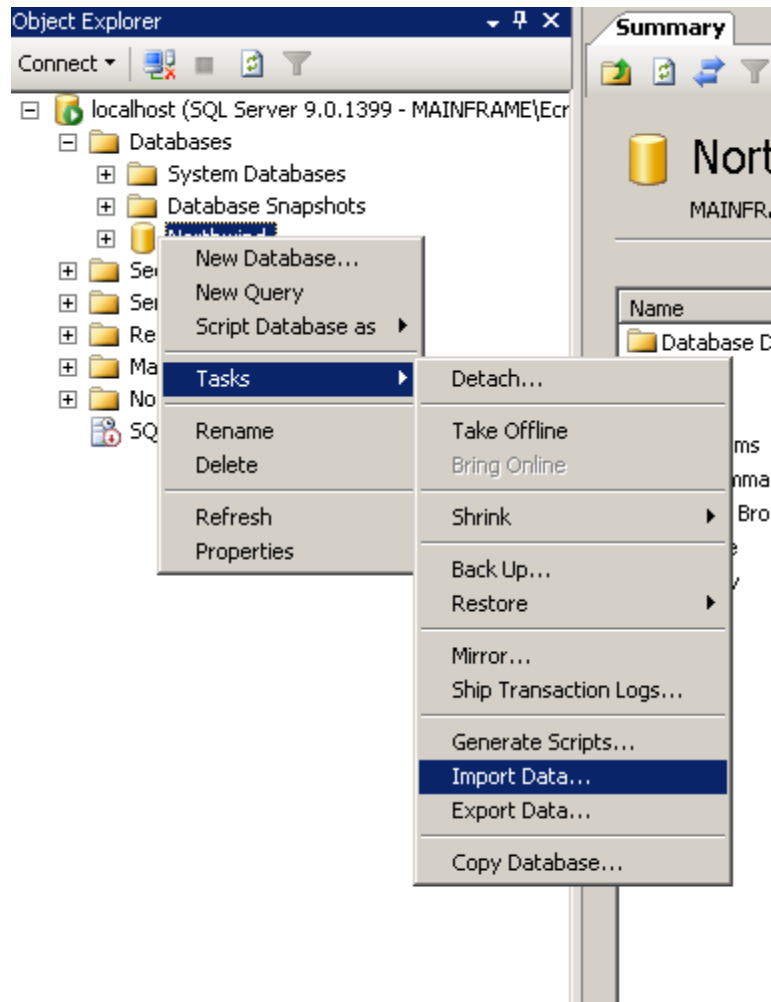
The main area is titled 'Tables and views:' and contains a table with three columns: 'Source', 'Destination', and 'Mapping'. The 'Source' column lists various tables from the 'Northwind' database. The 'Destination' column shows the corresponding tables in the 'master' database. The 'Mapping' column contains 'Edit...' buttons for each row. The first two rows are selected with checkboxes.

Source	Destination	Mapping
<input checked="" type="checkbox"/> [Northwind].[dbo].[Categories]	[master].[dbo].[Categories]	Edit...
<input checked="" type="checkbox"/> [Northwind].[dbo].[CustomerCu...]	[master].[dbo].[CustomerCu...]	Edit...
<input type="checkbox"/> [Northwind].[dbo].[CustomerDe...]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Customers]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Employees]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[EmployeeTe...]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Order Details]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Orders]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Products]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Region]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Shippers]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Suppliers]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Territories]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Alphabetical ...]		Edit...
<input type="checkbox"/> [Northwind].[dbo].[Category Sel...		Edit...

Below the table, there are three buttons: 'Select All', 'Deselect All', and 'Preview...'. Below these buttons, there are two checkboxes: 'Optimize for many tables' (unchecked) and 'Run in a transaction' (unchecked).

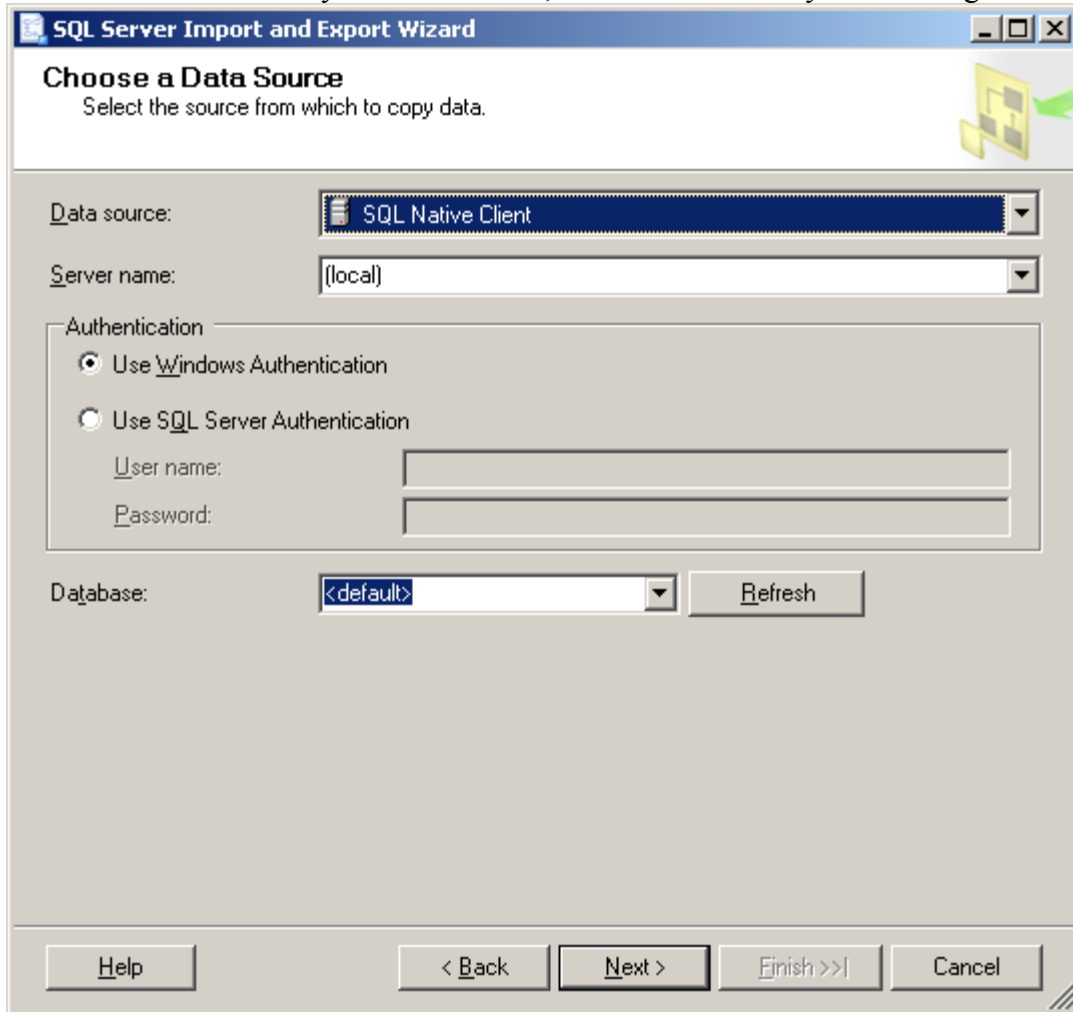
At the bottom of the window, there are five buttons: 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'.

Importing Data



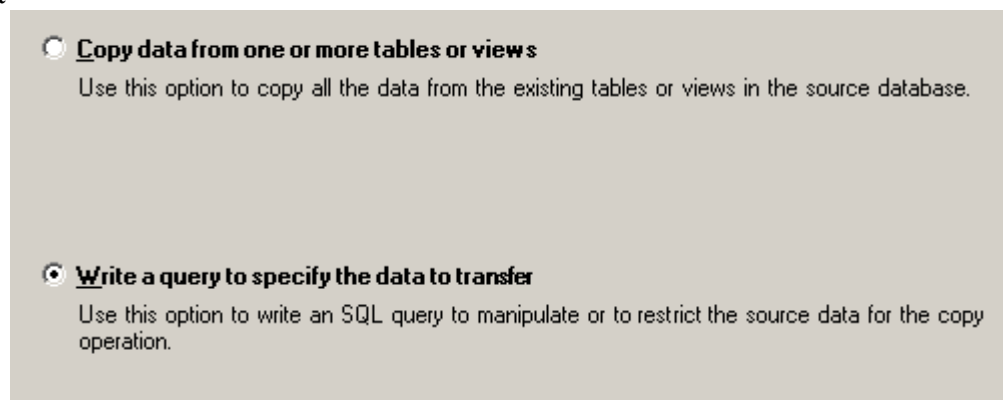
- 1) In the Object Explorer, select Databases and then right-click the desired database and go to Tasks → Import Data

- 2) Click Next and then select your Data Source, the location where you want to get data from.



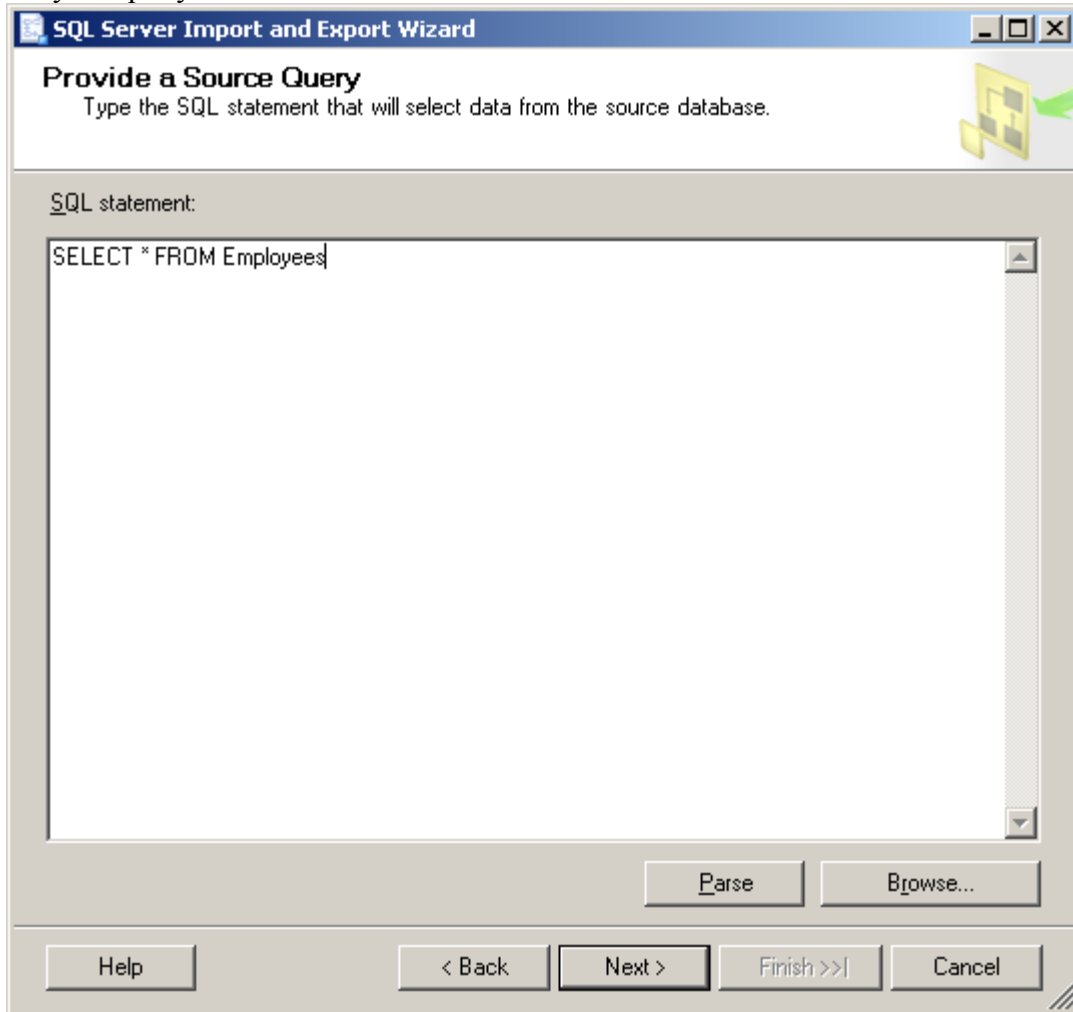
The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Choose a Data Source' step. The window has a title bar with the text 'SQL Server Import and Export Wizard' and standard window controls. Below the title bar is a subtitle 'Choose a Data Source' and a instruction 'Select the source from which to copy data.' To the right of the instruction is a yellow icon of a folder with a green arrow pointing to it. The main area contains several fields: 'Data source:' with a dropdown menu showing 'SQL Native Client'; 'Server name:' with a dropdown menu showing '(local)'; an 'Authentication' section with two radio buttons: 'Use Windows Authentication' (selected) and 'Use SQL Server Authentication'; 'User name:' and 'Password:' text boxes; and 'Database:' with a dropdown menu showing '<default>' and a 'Refresh' button. At the bottom are five buttons: 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'.

- 3) Click next and choose a destination, the location where you want the data (the screen will look the same as above). Click Next
- 4) Now select the way you want to move data (Write a query to specify the data to transfer). Click Next



The screenshot shows the 'How to transfer data' step of the wizard. It contains two radio button options. The first option is 'Copy data from one or more tables or views' with the description 'Use this option to copy all the data from the existing tables or views in the source database.' The second option is 'Write a query to specify the data to transfer' with the description 'Use this option to write an SQL query to manipulate or to restrict the source data for the copy operation.' The second option is selected.

- 5) Enter your query to select rows from tables and Click Next



The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Provide a Source Query' step. The window has a title bar with the text 'SQL Server Import and Export Wizard' and standard window controls. Below the title bar, the text 'Provide a Source Query' is displayed, followed by the instruction 'Type the SQL statement that will select data from the source database.' To the right of this text is a yellow icon of a folder with a green arrow pointing to it. Below the instruction is a large text area labeled 'SQL statement:' containing the text 'SELECT * FROM Employees'. At the bottom of the text area are two buttons: 'Parse' and 'Browse...'. At the very bottom of the window are five buttons: 'Help', '< Back', 'Next >', 'Finish >>|', and 'Cancel'.

SQL Server Import and Export Wizard

Provide a Source Query
Type the SQL statement that will select data from the source database.

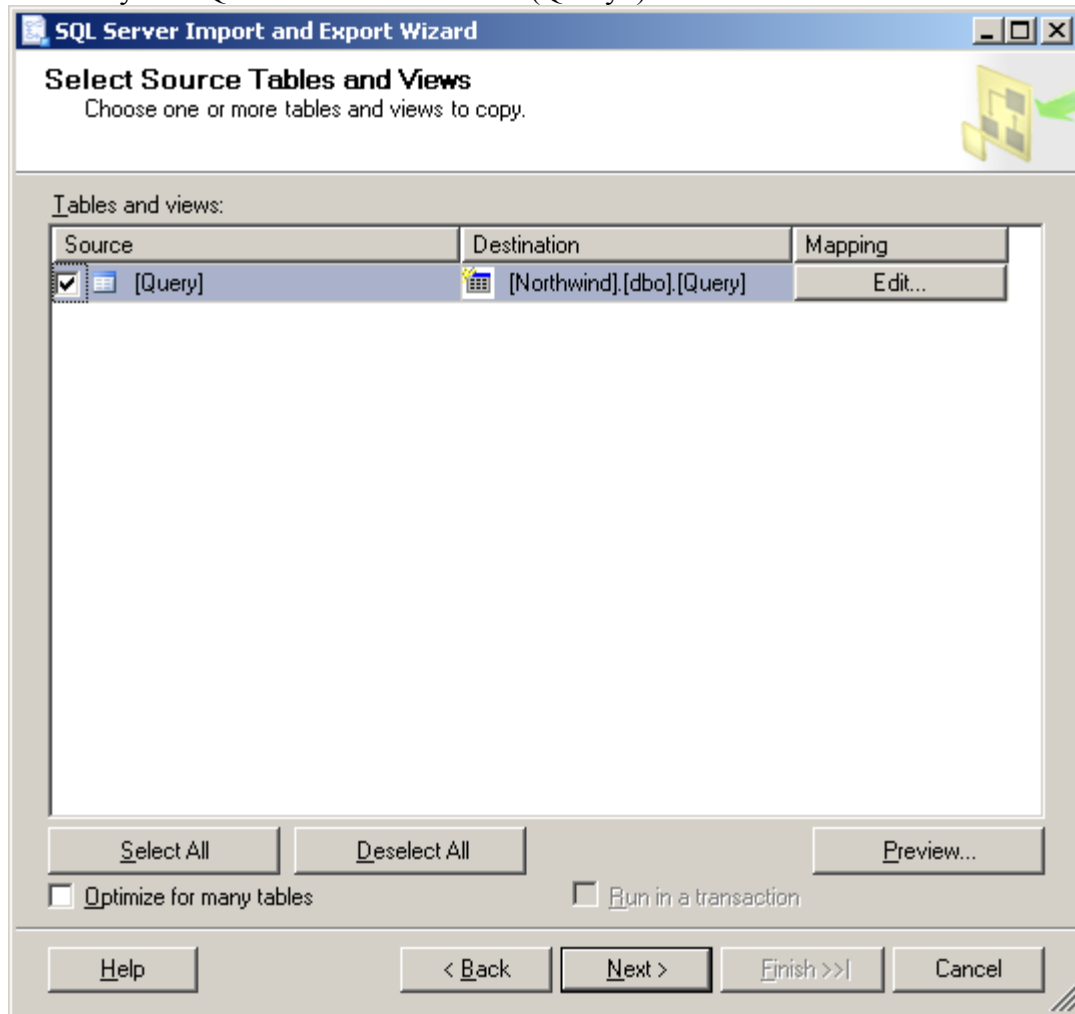
SQL statement:

```
SELECT * FROM Employees
```

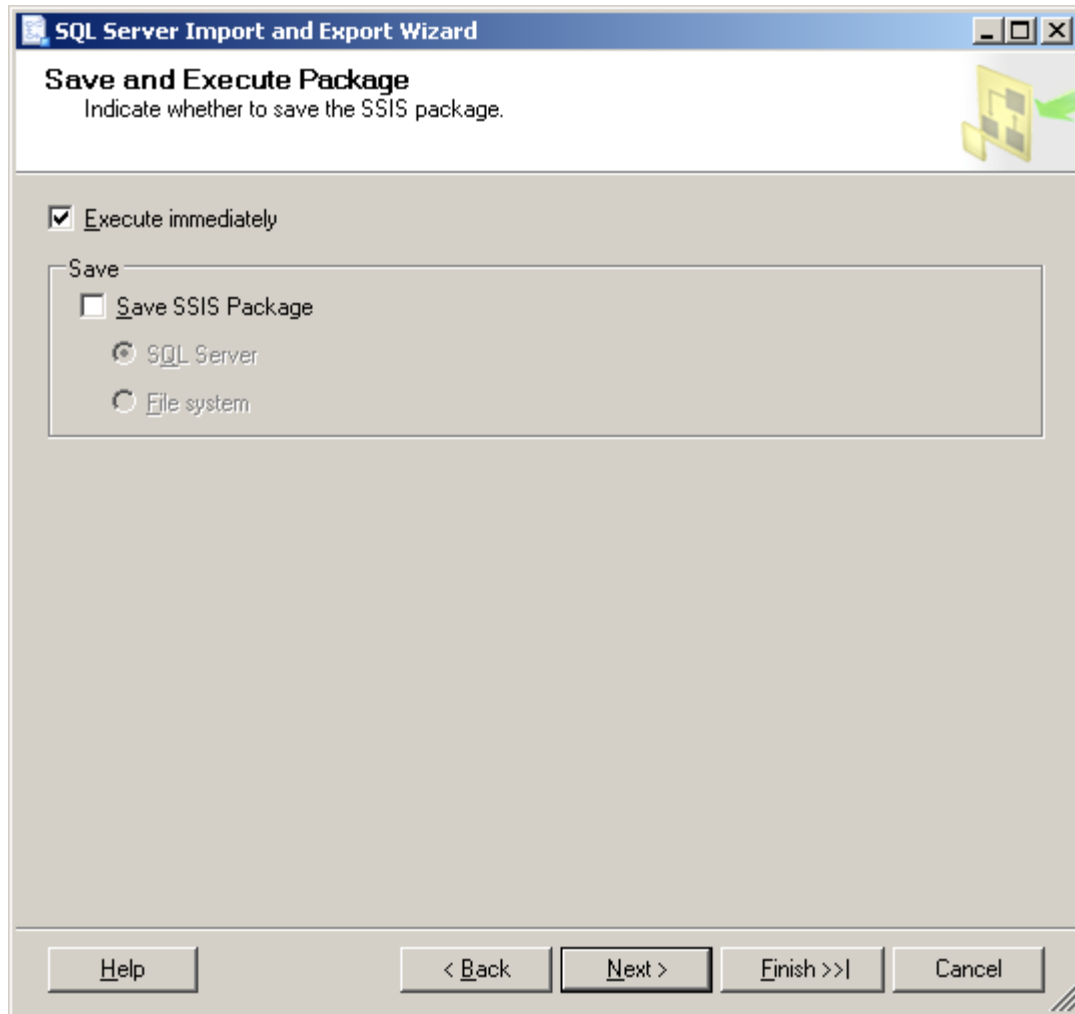
Parse Browse...

Help < Back Next > Finish >>| Cancel

6) Make sure your SQL Statement is selected (Query1)



7) Click Finish



The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Save and Execute Package' step. The window title bar reads 'SQL Server Import and Export Wizard'. The main heading is 'Save and Execute Package' with the instruction 'Indicate whether to save the SSIS package.' in the top right corner. Below this, there is a checkbox labeled 'Execute immediately' which is checked. Underneath, there is a 'Save' section with a checkbox 'Save SSIS Package' which is unchecked. Below this checkbox are two radio button options: 'SQL Server' (which is selected) and 'File system'. At the bottom of the window, there are five buttons: 'Help', '< Back', 'Next >', 'Finish >>|', and 'Cancel'. The 'Next >' button is highlighted with a black border.

SQL Server Import and Export Wizard

Save and Execute Package
Indicate whether to save the SSIS package.

☒ **E**xecute immediately

Save

☐ **S**ave SSIS Package

☒ **S**QL Server

☐ **F**ile system

Help < Back Next > Finish >>| Cancel