

SAP BW - Excel Pivot Chart and Pivot Table report (Excel)



Applies to:

SAP BI Consultants. For more information, visit the [EDW HomePage](#) .

Summary

Document explains to create Excel Pivot Chart and Pivot Table Report for the SAP BW data using Microsoft Excel.

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Scenario

Document explains the method of integrate Microsoft Excel with SAP BI and get the SAP BI query data to create Pivot Graphs and Pivot Table reports.

SAP GUI 7.10 (Patch Level 14) and Microsoft Office 2007 are the prerequisite to create Pivot Tables and Charts for SAP BI data.

Step-By-Step Solution

Pivot Tables and Charts are used to separate and organize data so that segments of it can be easily analyzed. They are often used for measuring sales statistics. For example, Pivot Tables helps quickly determine which sales associate sold the most products or which sales region brought in the most revenue.

Below are the steps mentioned to create a Pivot Tables and Charts using SAP BI data:

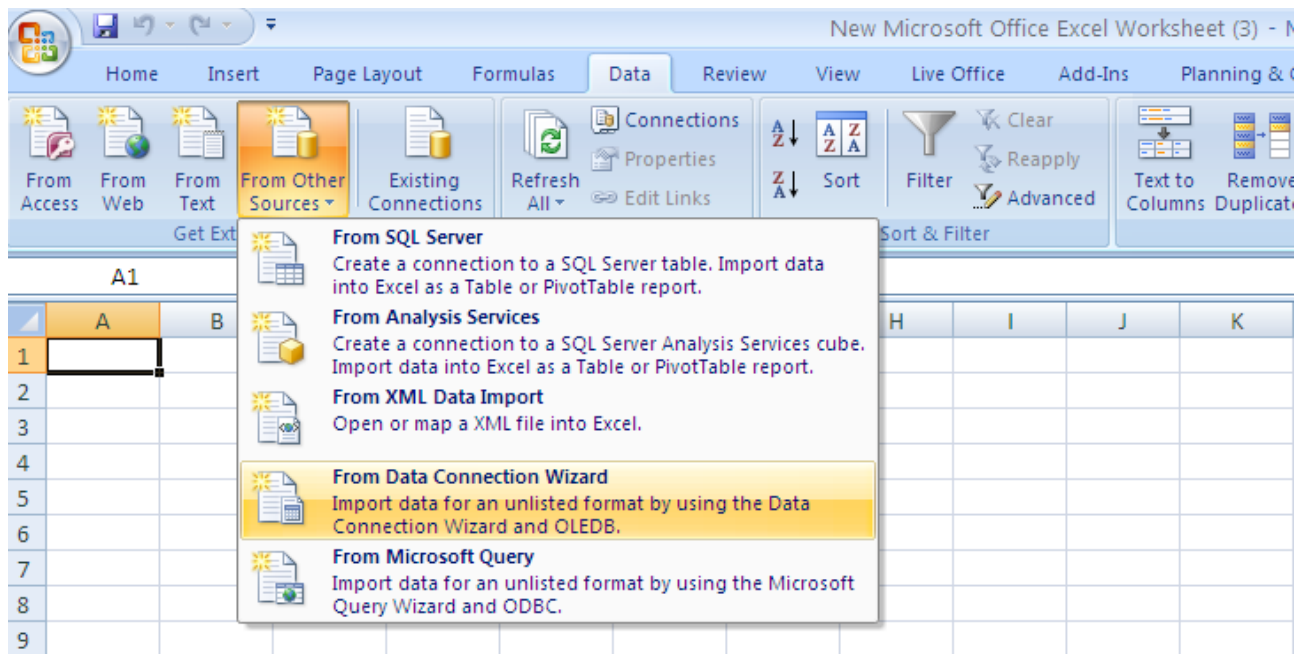
Excel-Data Connection Wizard (Microsoft Excel – SAP BI): Steps to integrate Microsoft Excel and SAP BI.

Excel Pivot Table and Chart (SAP BI Data): Fetch the SAP BI Query Data to build Pivot Table and Chart

Excel- Data Connection Wizard (Microsoft Excel – SAP BI)

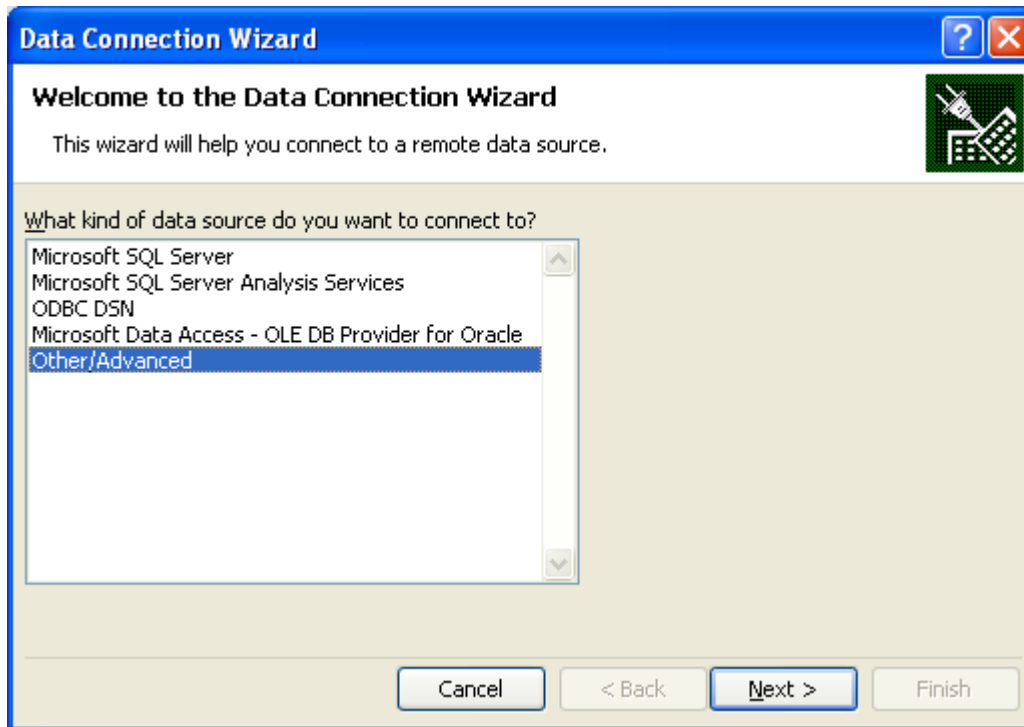
Step 1:

Open blank worksheet in Microsoft Excel and go to icon 'From Other Sources'. Select the Option 'From Data Connection Wizard':



Step 2:

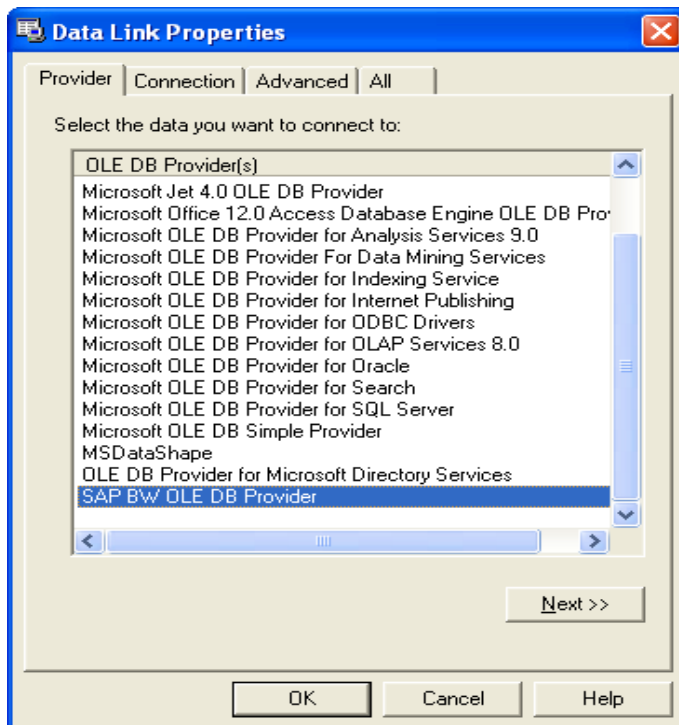
Select the Option 'Other/Advanced'



Click 'Next'

Step 3:

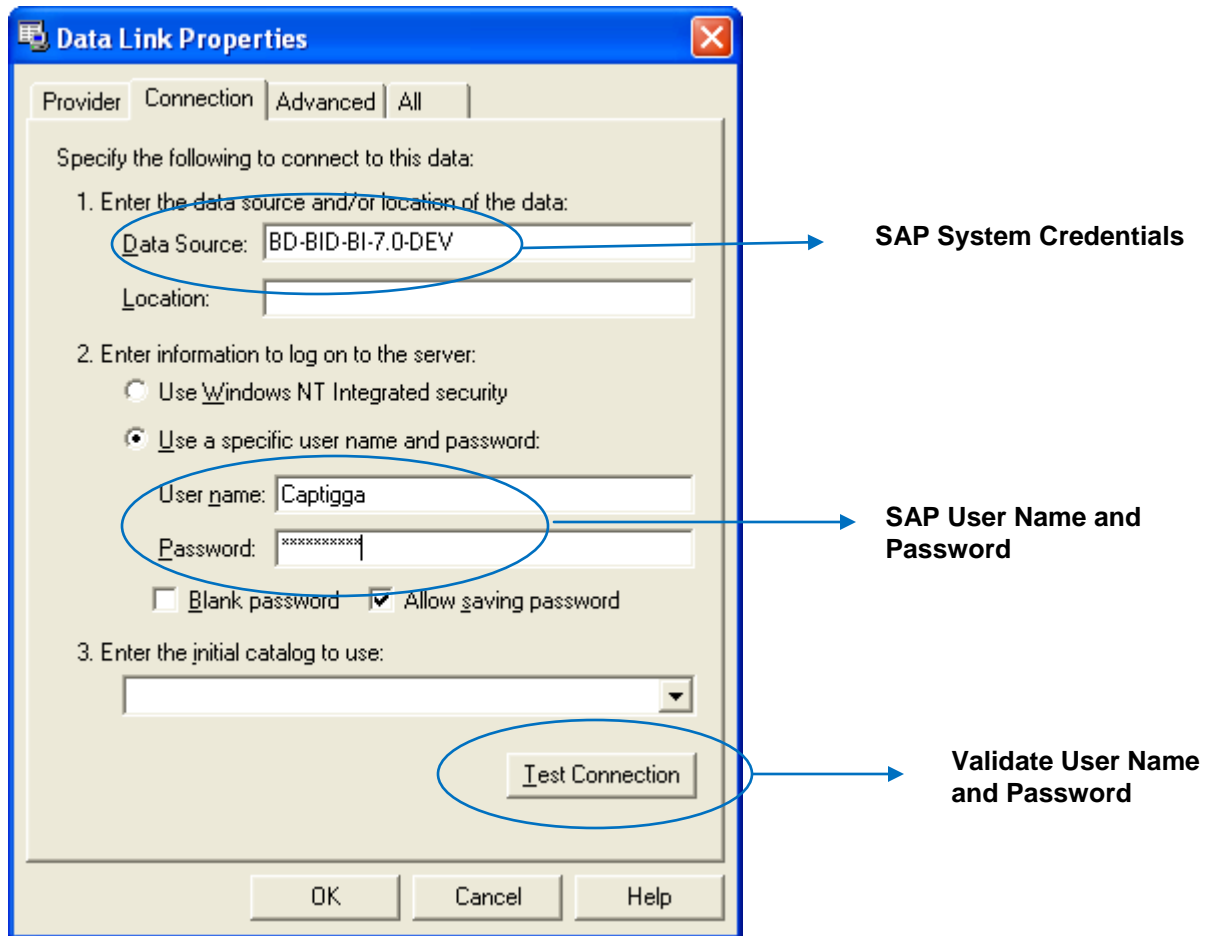
Select the Option 'SAP BW OLE DB Provider' in the tab 'Data Link Properties':



Click 'Next'

Step 4:

Enter the Connection Details:



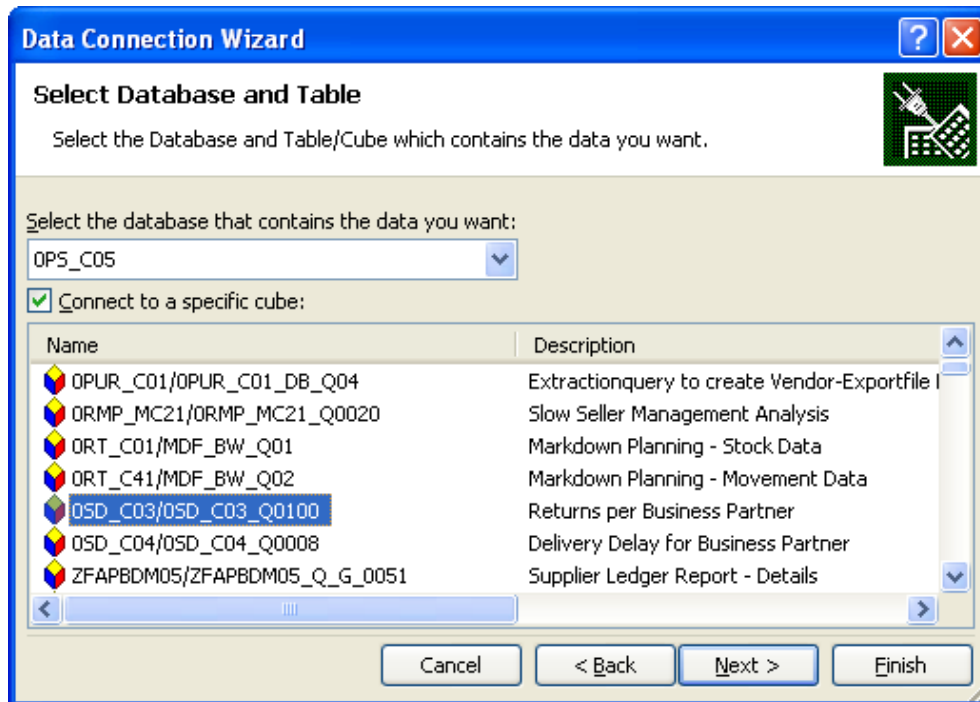
After 'Test Connection' is successfully validated:



Click 'OK' to get the relevant SAP BI Query List.

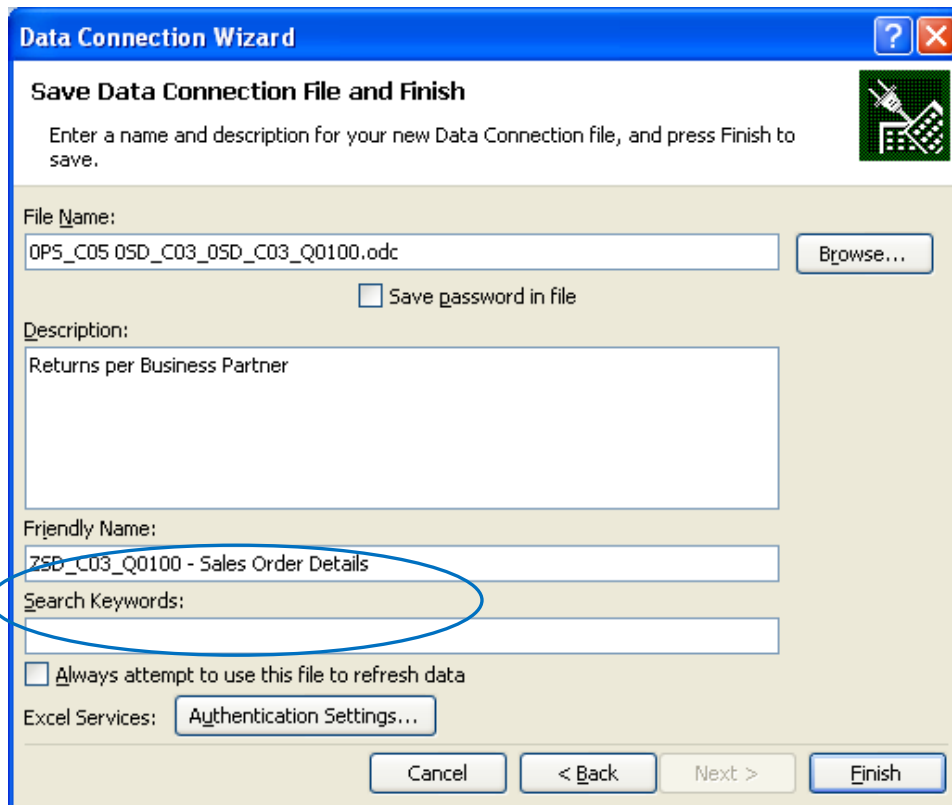
Step 5:

Select SAP BI Query 'OSD_C03_Q0100' and press 'Next'



Step 6:

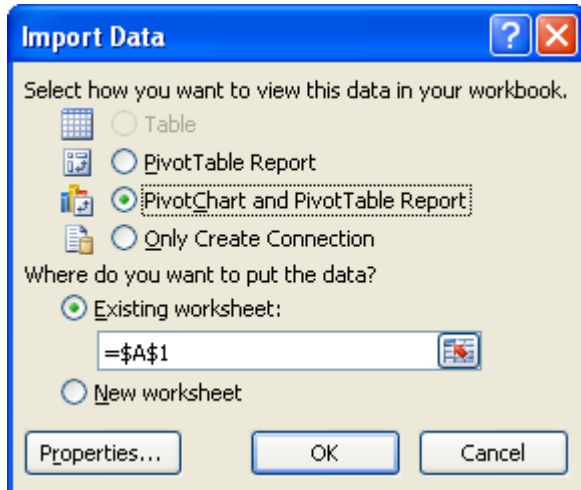
Enter name and description for the new Data Connection file:



Click 'Finish'

Step 7:

Select the 'Import Data' Option:



Again enter the User Name and Password prompt after the above step. After the validation of User Name, the report layout would be displayed according to the SAP BI Query.

Advantage of using Pivot Table and Charts:

- The data can be validated easily since the development time would be less
- Graphical representation of the SAP BI query helps to analyze the data correctly
- Comparison, Analyze and Organize large amount of data
- Drill down to view just a few fields so that you can analyze large amount of data. By manipulating different fields, data analysts can find patterns within large fields of data.
- Pivot Chart takes the data that is selected for the Pivot Table and create a chart out of it. With the different available chart styles and formats, one can emphasize the data in a way that is easy for us to read.

Excel Pivot Table and Chart (SAP BI Data)

Step 1:

After the above section is completed, the report layout would be displayed as below:

The screenshot shows the Microsoft Excel interface with a PivotTable and PivotChart. The PivotTable is located in cell A3, and the PivotChart is in cell D3. The PivotChart Filter Pane is open, showing the PivotTable Field List. The PivotTable Field List is divided into five numbered areas: 1 (Report output display), 2 (Report filter for the Pivot Table), 3 (Sequence of the Fields), 4 (Characteristic (Row Fields)), and 5 (Key Figures (Column Fields)).

- 1 – Report output display
- 2 – Report filter for the Pivot Table
- 3 – Sequence of the Fields
- 4- Characteristic (Row Fields)
- 5 – Key Figures (Column Fields)

Step 2:

Report Display for the following selection

The screenshot shows an Excel PivotTable and PivotChart. The PivotTable data is as follows:

Row Labels	04.2009	05.2009	06.2009	Grand Total
BD US Sales Org	634,263 EA	37,596 EA	*	*
External	634,263 EA	37,578 EA	*	*
BDX	634,263 EA	37,578 EA	*	*
Not assigned	0			0
Internal			*	*
BDX			*	*
Web Orders		18 EA	74 EA	92 EA
BDX		18 EA	74 EA	92 EA
BD France Sales Org	20 EA	89 EA	249 EA	358 EA
External	20 EA	89 EA	249 EA	358 EA
BDX	20 EA	89 EA	249 EA	358 EA
Grand Total	634,283 EA	37,685 EA	*	*

The PivotChart is a clustered bar chart with the following categories on the x-axis: BDX, Not assigned, BDX, BDX, BDX. The legend indicates three data series: 04.2009 (blue), 05.2009 (red), and 06.2009 (green). The y-axis represents the quantity, ranging from 0 to 6,000,000.

Rows:

- Sales Organization
- Distribution Channel
- Division
- Calendar Year / Month

Columns:

- Incoming Orders Quantity

Related Content

For more information, visit [EDW HomePage](#) .

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