Using Charts with ExcelTemplate

When you include a chart in a template spreadsheet, you can use a data marker column as a data source for the chart. Excel will automatically adjust charts to include the number of rows that ExcelWriter assigns to the data marker column.

Code Sample: Using Charts with ExcelTemplate

[C#][VB.NET]

How to Link a Chart to a Template Data Marker

1. In Microsoft Excel, create an ExcelWriter template. For instructions on creating a template, see How to Use Templates.
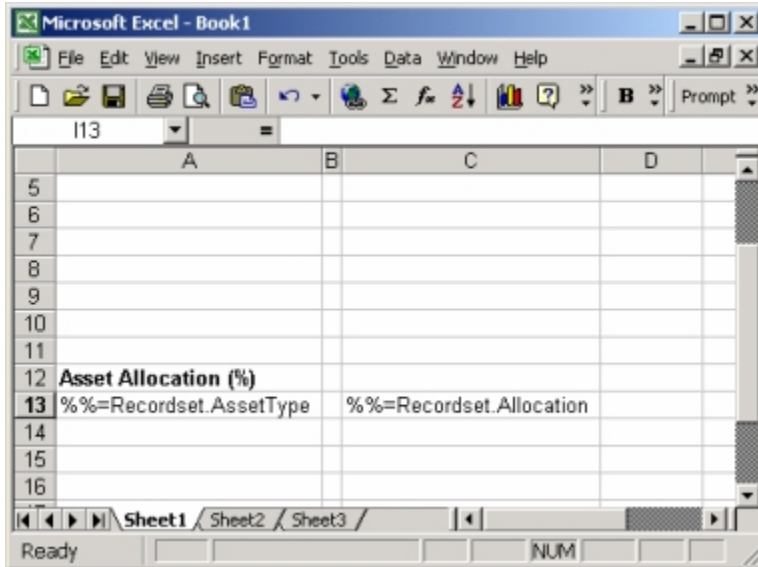
2. Use Excel's Chart Wizard to create a chart in your spreadsheet. Open the **Insert** menu and select **Chart...**, or click the toolbar's Chart Wizard icon. Select the type of chart you would like to create and click **Next**.
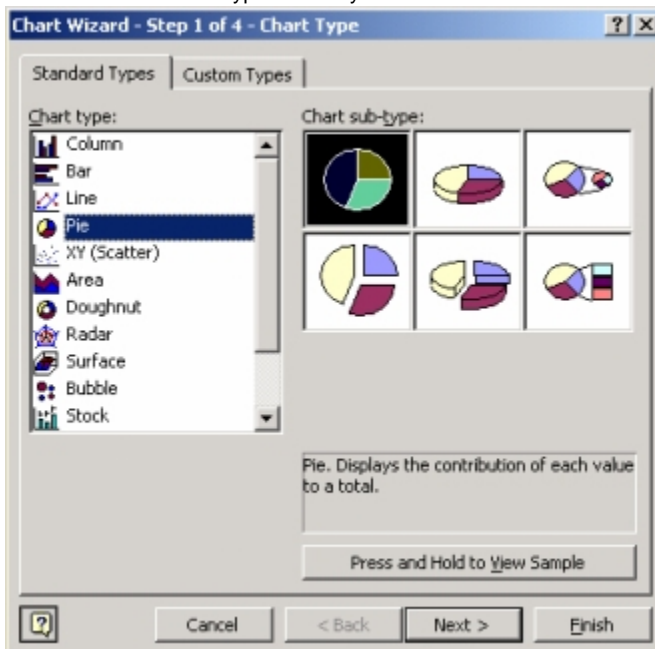
3. In the **Data Range** field, enter the cell that contains the data marker that you want to use as a data source for your chart. Excel requires both a starting point and an ending point in the Data Range Field. So, if your data marker is at cell C13, enter **=Sheet1\!$C$13:$C$13**. The number of rows ExcelWriter will insert at the data marker will vary, and Excel will automatically adjust the chart to include all data in the data marker column.

4. Select the **Series** tab, and in the **Category Label** field, enter the range of cells containing the label data marker. Include starting and end points in the category label range. For example, if the label data marker is at cell A13, enter **=Sheet1\!$A$13:$A$13**and Excel will automatically adjust the chart for the amount of data that fills the spreadsheet.

5. Enter a chart title and click **Next**.

Chart Wizard - Step 3 of 4 - Chart Options

Titles | Legend | Data Labels

Chart title:
Asset Allocation (%)

Category (X) axis:

Value (Y) axis:

Second category (X) axis:

Second value (Y) axis:

Asset Allocation (%)

%%=Recordset.Asse tType

Cancel | < Back | Next > | Finish
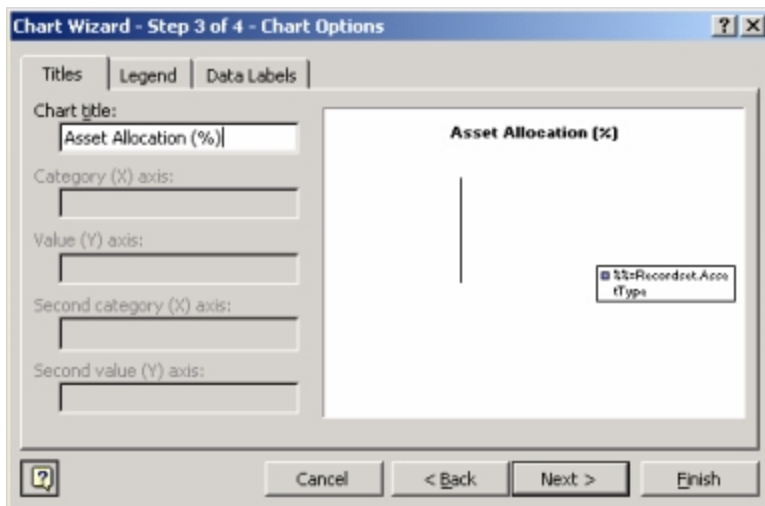
6. Select a chart location and click **Finish** to insert the chart into your spreadsheet.

Chart Wizard - Step 4 of 4 - Chart Location

Place chart:

○ As new sheet: Chart1

● As object in: Sheet1

Cancel | < Back | Next > | Finish
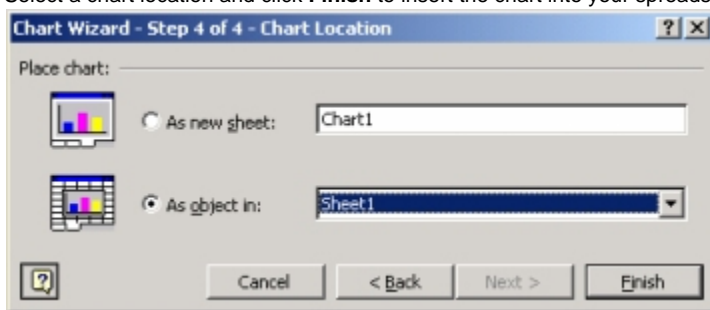
7. The unpopulated chart is now in your spreadsheet.

Microsoft Excel - Book1

File Edit View Insert Format Tools Chart Window Help

Chart Area =

	A	B	C	D
9				
10				
11				
12	Asset Allocation (%)			
13	%%=Recordset.AssetType		%%=Recordset.Allocation	
14				

Asset Allocation (%)

■ %%=Recordset .AssetType

Sheet1 / Sheet2 / Sheet3 /

Ready NUM
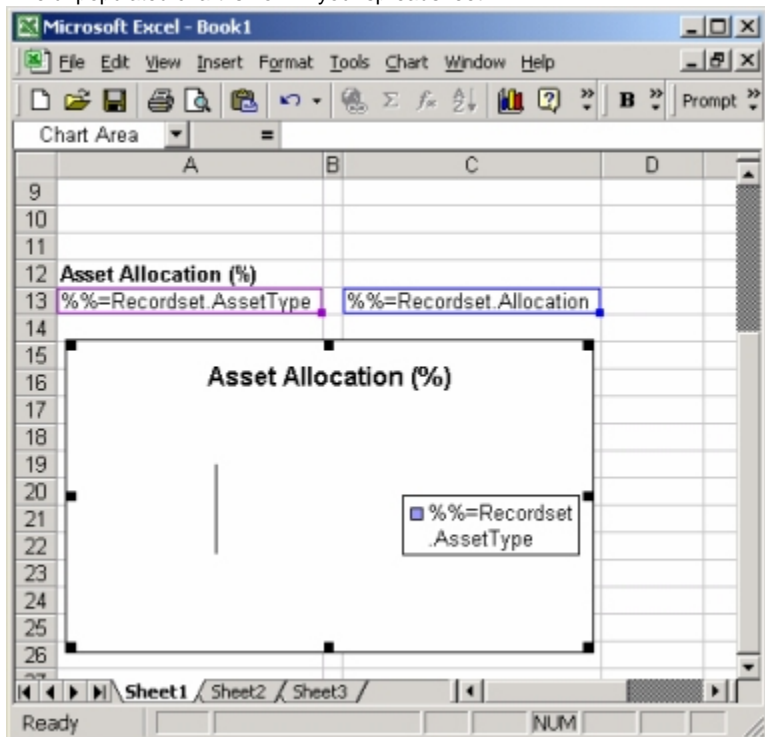
8. Format the chart and data marker cells as you would like them to appear when the final spreadsheet is created. Data marker formatting is carried down to each inserted cell when data is dynamically entered into the spreadsheet by ExcelWriter.
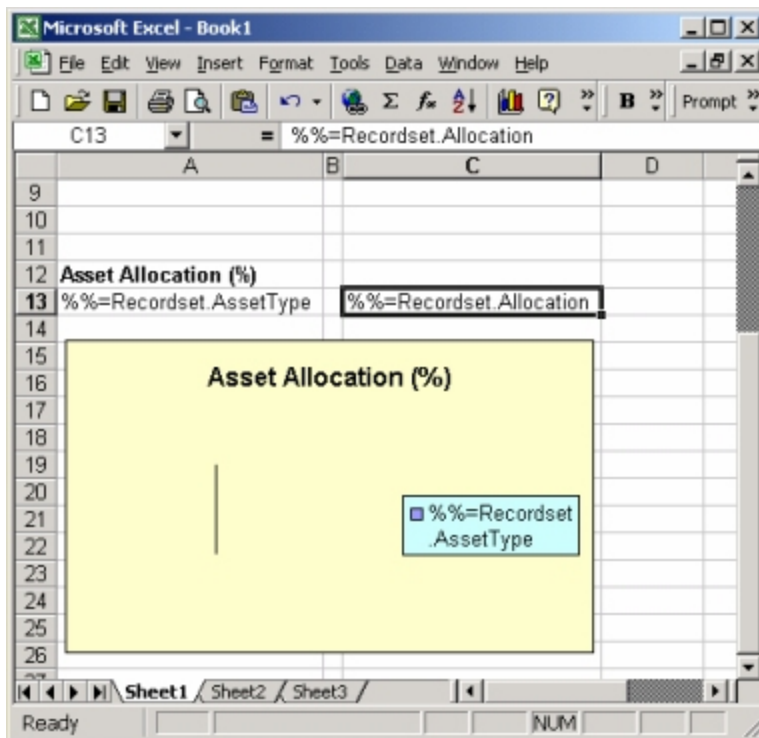
9. Run your ExcelWriter application to populate the spreadsheet.