

Chart Report

Intro

Any chart that references a range with data markers will have its data source updated when ExcelTemplate imports rows of data. Make changes to a template without making any changes to code.

Open the template, right click on the chart and choose the "Select Data..." option. This will open a window with details about the charts data range. Though the range for the chart is only one row (`=ChartSheet!A26:B26`), will update the data formula when the data is bound to the data markers in the cells.

A populated version of the chart is available for download below.

Code

```

public void GenerateReport()
{
    // Create an instance of ExcelTemplate
    ExcelTemplate xlt = new ExcelTemplate();

    // Open the template workbook
    string templatePath = @"..\..\ExcelTemplateFiles\ChartDemoTemplate.xlsx";
    xlt.Open(templatePath);

    DataTable dt = GetCSVData(@"..\..\ExcelData\ChartDemoData.csv");

    // Pass the DataTable to ExcelTemplate
    xlt.BindData(dt, "SalesData", xlt.CreateDataBindingProperties());
    // Call the process() method to populate the
    // template with the data source values and save
    // the populated document
    xlt.Process();
    xlt.Save(@"..\..\ExcelOutputFiles\ChartDemo_output.xlsx");
}

/// <summary>
/// Reads the CSV and returns datatable
/// </summary>
/// <returns>DataTable of top 5 products</returns>
System.Data.DataTable GetCSVData(string csvFileName)
{
    DataTable dt;
    using (GenericParserAdapter parser = new
GenericParserAdapter(csvFileName))
    {
        parser.ColumnDelimiter = ',';
        parser.FirstRowHasHeader = true;

        dt = parser.GetDataTable();
    }
    return dt;
}
}

```

Downloads

- Template: [ChartDemoTemplate.xlsx](#)
- Output: [ChartDemo_output.xlsx](#)
- Sample Data: [ChartDemoData.csv](#)