How to add pie chart in C# using ByteScout Spreadsheet SDK

How to code in C# to add pie chart with this step-by-step tutorial

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. ByteScout Spreadsheet SDK is the library (SDK) that is capable of writing, reading, modifying and calculating Excel and CSV spreadsheets. Most popular formulas can be calculated and reculculated with Excel installed. You may import or export data to and from CSV, XML, JSON as well as to and from databases, arrays and you can use it to add pie chart with C#.

The SDK samples like this one below explain how to quickly make your application do add pie chart in C# with the help of ByteScout Spreadsheet SDK. This C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! This basic programming language sample code for C# will do the whole work for you to add pie chart.

Trial version of ByteScout Spreadsheet SDK can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

FOR MORE INFORMATION AND FREE TRIAL:

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Explore API Documentation

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Source Code Files:

Program.cs

```csharp
using System;
using System.Diagnostics;
using Bytescout.Spreadsheet;
using Bytescout.Spreadsheet.Charts;

namespace CSharp
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new Spreadsheet object
            Spreadsheet spreadsheet = new Spreadsheet();
            spreadsheet.RegistrationName = "demo";
            spreadsheet.RegistrationKey = "demo";

            // Add new worksheet
            Worksheet sheet = spreadsheet.Workbook.Worksheets.Add("Sample");

            // Add few random numbers
            int length = 10;
            Random rnd = new Random();
            for (int i = 0; i < length; i++)
            {
                sheet.Cell(i, 0).Value = rnd.Next(1, 10);
            }

            // add charts to worksheet
            Chart pieChart = sheet.Charts.AddChartAndFitInto(1, 3, 16, 9, ChartType.Pie
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            pieChart = sheet.Charts.AddChartAndFitInto(1, 10, 16, 16, ChartType.Pie3D)
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            pieChart = sheet.Charts.AddChartAndFitInto(1, 17, 16, 23, ChartType.PieOfP
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            pieChart = sheet.Charts.AddChartAndFitInto(17, 3, 32, 9, ChartType.PieExpl
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            pieChart = sheet.Charts.AddChartAndFitInto(17, 10, 32, 16, ChartType.PieEx
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            pieChart = sheet.Charts.AddChartAndFitInto(17, 17, 32, 23, ChartType.BarOfP
            pieChart.SeriesCollection.Add(new Series(sheet.Range(0, 0, length - 1, 0))

            // Save it as XLS
            spreadsheet.SaveAs("Output.xls");

            // Close the document
            spreadsheet.Close();

            // Cleanup
            spreadsheet.Dispose();

            // Open generated XLS file in default associated application
            Process.Start("Output.xls");
        }
```

```
        }
}
```

VIDEO

https://www.youtube.com/watch?v=nm_7I0PN1TY

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