

How to add area chart in VB.NET with ByteScout Spreadsheet SDK

How to code in VB.NET to add area chart with this step-by-step tutorial

Sample source code below will show you how to cope with a difficult task like add area chart in VB.NET. ByteScout Spreadsheet SDK is the SDK to create, read, modify and calculate spreadsheets. Formula calculations are supported, import and export to and from JSON, CSV, XML, databases, arrays. It can add area chart in VB.NET.

This code snippet below for ByteScout Spreadsheet SDK works best when you need to quickly add area chart in your VB.NET application. Just copy and paste the code into your VB.NET application's code and follow the instruction. Test VB.NET sample code examples whether they respond your needs and requirements for the project.

You can download free trial version of ByteScout Spreadsheet SDK from our website to see and try many others source code samples for VB.NET.

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Source Code Files:

Module1.vb

```
Imports Bytescout.Spreadsheet
Imports Bytescout.Spreadsheet.Charts
```

```
Module Module1
```

```
Sub Main()
```

```
    ' Create new Spreadsheet object
```

```
    Dim spreadsheet As New Spreadsheet()
    spreadsheet.RegistrationName = "demo"
    spreadsheet.RegistrationKey = "demo"
```

```
    ' Add new worksheet
```

```
    Dim sheet As Worksheet = spreadsheet.Workbook.Worksheets.Add("Sample")
```

```
    ' Add few random numbers
```

```
    Dim length As Integer = 10
```

```
    Dim rnd As New Random()
```

```
    For i As Integer = 0 To length - 1
        sheet.Cell(i, 0).Value = rnd.[Next](10)
        sheet.Cell(i, 1).Value = rnd.[Next](10)
    Next
```

```
    ' Add charts to worksheet
```

```
    Dim areaChart As Chart = sheet.Charts.AddChartAndFitInto(1, 3, 16, 9, ChartType.AreaStacked)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    areaChart = sheet.Charts.AddChartAndFitInto(1, 10, 16, 16, ChartType.AreaStacked)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    areaChart = sheet.Charts.AddChartAndFitInto(1, 17, 16, 23, ChartType.AreaStacked)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    areaChart = sheet.Charts.AddChartAndFitInto(17, 3, 32, 9, ChartType.Area3D)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    areaChart = sheet.Charts.AddChartAndFitInto(17, 10, 32, 16, ChartType.AreaStacked)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    areaChart = sheet.Charts.AddChartAndFitInto(17, 17, 32, 23, ChartType.AreaStacked)
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 0, length - 1, 0)))
    areaChart.SeriesCollection.Add(New Series(sheet.Range(0, 1, length - 1, 1)))
```

```
    ' 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")
```

```
End Sub
```

```
End Module
```

VIDEO

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

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