

# Trendline

## Description

A `Trendline` object represents a series trendline. To create a `Trendline` object, call `Trendlines.CreateTrendline` .

**C#**

```
public sealed class Trendline
```

**vb.net**

```
Public NotInheritable Class Trendline
```

## Properties

Name	Description
<a href="#">BackcastPeriods</a>	For all trendline types except moving average, sets or returns the number of periods the regression should extrapolate backward.
<a href="#">ForecastPeriods</a>	For all trendline types except moving average, sets or returns the number of periods the regression should extrapolate forward.
<a href="#">Intercept</a>	For all trendline types except moving average, sets or returns the point on the value axis where the trendline should intercept.
<a href="#">LegendEntryFont</a>	Sets or returns the <a href="#">Font</a> object for the <a href="#">Trendline</a> 's legend entry.
<a href="#">Line</a>	Returns a <a href="#">ChartLine</a> object representing the appearance of the trendline.
<a href="#">Name</a>	Sets or returns the name of the trendline.
<a href="#">RegressionType</a>	Sets or returns the type of regression used to construct this trendline.
<a href="#">RegressionValue</a>	Sets the or returns the value used to generate the regression equation.
<a href="#">ShowEquation</a>	Sets or returns whether the label will contain the equation for the trendline.
<a href="#">ShowLegendEntry</a>	Sets or returns whether an entry for the trendline will be displayed in the chart legend.
<a href="#">ShowRSquaredValue</a>	Sets or returns whether the label will contain the R-squared value for the <a href="#">Trendline</a> 's equation.
<a href="#">TrendlineLabel</a>	Returns a <a href="#">ChartText</a> object representing a trendline label.
<a href="#">UseIntercept</a>	Specifies whether the intercept value will be used by the trendline.

## Methods

Name	Description
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ClearIntercept()	Specifies that the intercept value should not be used.
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## Nested Classes

Name	Description
Regression	A <a href="#">Trendline.Regression</a> value specifies the type of trendline to display on the graph.