

# Samples



Each ExcelWriter code sample includes basic code that covers a specific scenario, along with necessary input files and a sample output file for comparison. These are intended to be quick examples of how to use the product. To learn how to use ExcelWriter, please see our [Tutorials](#).

## ExcelTemplate Samples

- [Arrays and Collections as Data Sources](#) — Use a variety of .NET data types to populate ExcelTemplate including string[], ArrayList, and Hashtable.
- [Chart Report](#) — 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.
- [Data Binding Properties](#) — The DataBindProperties object provides the means to change how data is imported using ExcelTemplate.
- [Data Marker Options](#) — Data markers have multiple switches and options that are available for use in ExcelTemplate workbooks.
- [Loan Calculator Spreadsheet](#) — By using Excel's existing internal calculator, ExcelWriter allows you to make calculations in your report.
- [Sample Expense Report](#) — This sample uses ExcelTemplate to populate a generic expense report template.
- [String Data Source](#) — Very simple sample that demonstrates how to use strings of data for an Excel report.
- [Template Grouping and Nesting](#) — Data markers have multiple switches and options that are available for use in ExcelTemplate workbooks.
- [XML Data Import](#) — Parse an XML file and put the data into arrays for use in an ExcelTemplate report.

## ExcelApplication Samples

- [Basic Steps](#) — This sample covers a wide range of basic ExcelApplication functionality. Excellent for getting started or brushing up on basic skills.
- [Basic Steps R1C1](#) — Same as Basic Steps except all the formulas and references are in R1C1 notation.
- [Application to Template Sample](#) — Create a template file for ExcelTemplate using ExcelApplication to write in data markers.
- [Template to Application Sample](#) — Populate a template with ExcelTemplate and then programmatically manipulate or 'post process' the workbook with ExcelApplication.
- [Multiple Chart Report](#) — Import data to an existing template with multiple charts. Manipulate existing charts with ExcelApplication.
- [Scatter Chart Report](#) — See how to create Scatter Charts with ExcelApplication.
- [Two Axis Chart Sample](#) — Create a chart with ExcelApplication that has two axes: primary axis and secondary axis.
- [Grouping and Subtotals](#) — Add Excel's grouping and outlining functionality to a workbook with ExcelWriter to display nested data.
- [Data Validation](#) — Define and apply data validation rules to cells with ExcelApplication.
- [Excel to DataTable Sample](#) — Extract Excel data into a DataTable
- [Sales Commission Report](#) — An example of a report created with ExcelWriter that compares previous year and year-to-date sales data for a sales team.