2.3.1

Create a New Worksheet and Subroutine

Since Daqo might not be the best option for Steve's parents to invest in, let's analyze multiple stocks to find some better choices for them. A lot of the work we've already done to analyze DQ can be repurposed to analyze any stock. With a little more code, we can analyze a whole list of stocks.

First, create a new worksheet called "All Stocks Analysis." This is where we're going to put the output for the analysis of multiple stocks. Next, create a new subroutine called "AllStocksAnalysis." The first thing we're going to do in AllStocksAnalysis() is format the output worksheet. Follow these steps:

Make the title in cell A1 "All Stocks (2018)."

Add three columns with the following headers:

Ticker

Total Daily Volume

Return

Before looking at the code, try writing the code on your own. Here are a few hints:

We can reuse the code from DQAnalysis and change the text to work on AllStocksAnalysis.

We need to complete three tasks to make the header in AllStocksAnalysis:

Activate the worksheet.

Set the text in the title cell (A1).

Set the text of the header row.

Fill in the blanks of the following code:

Sub AllStocksAnalysis()

Worksheets("\_\_\_\_\_\_").Activate

Range("A1").Value = "\_\_\_\_\_"

'Create a header row

Cells(3, 1).Value = "\_\_\_\_\_"

Cells(3, 2).Value = "\_\_\_\_\_"

Cells(3, 3).Value = "\_\_\_\_\_"

End Sub

Your code should look something like this:

HINT

Let's go over what this subroutine is doing:

Worksheets("All Stocks Analysis").Activate

This code sets the output worksheet to be the active worksheet so that we don't accidentally overwrite cells in the wrong worksheet.

Range("A1").Value = "All Stocks (2018)"

This line of code sets the value of the cell in A1 to the string "All Stocks (2018)."

Cells(3, 1).Value = "Ticker"

Cells(3, 2).Value = "Total Daily Volume"

Cells(3, 3).Value = "Return"

Finally, this code sets the column headings in the third row, and the first, second, and third columns (A3, B3, and C3).

NOTE

If your code looks slightly different than ours but still works, that's perfectly fine. Imagine if multiple authors were given the same story to tell; they would likely all tell the story in a different way. Writing code is no different. There's almost always more than one way to accomplish a given task, and every programmer will write their code a different way.