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:

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

2. 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:

SHOW 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.