

Module1 - 1

```
Sub Stock_Data()
```

```
Dim sheet As Worksheet
```

```
For Each sheet In Worksheets
```

```
sheet.Activate
```

```
Dim lRow As Long
```

```
Dim outputRow As Long
```

```
outputRow = 2
```

```
Dim openticker As Double
```

```
Dim closeticker As Double
```

```
Dim LRow2 As Long
```

```
Dim i As Long
```

```
Ticker = sheet.Cells(2, 1).Value
```

```
openticker = sheet.Cells(2, 3).Value
```

```
'set last row
```

```
lRow = sheet.Cells(Rows.Count, 1).End(xlUp).Row
```

```
'title of new lists being made
```

```
sheet.Cells(1, 12).Value = "Total Stock Volume"
```

```
sheet.Cells(1, 9).Value = "Ticker"
```

```
sheet.Cells(1, 10).Value = "Yearly Change"
```

```
sheet.Cells(1, 11).Value = "Percent Change"
```

```
For i = 2 To lRow
```

```
'adds ticker values to the ticker column I, yearly change and %yearly change for each ticker value
```

```
If sheet.Cells(i, 1).Value <> sheet.Cells(i + 1, 1).Value Then
```

```
    closeticker = sheet.Cells(i, 6).Value
```

```
    sheet.Cells(outputRow, 9).Value = sheet.Cells(i, 1).Value
```

```
    sheet.Cells(outputRow, 10) = closeticker - openticker
```

```
        If openticker = 0 Then
```

```
            sheet.Cells(outputRow, 11).Value = 0
```

```
        Else
```

```
            sheet.Cells(outputRow, 11).Value = ((closeticker - openticker) / openticker)
```

```
        End If
```

```
    outputRow = outputRow + 1
```

```
    openticker = sheet.Cells(i, 3).Value
```

```
End If
```

```
Next i
```

```
'sets value for total stock volumn in column H
```

```
Dim sum As Double
```

```
sum = 0
```

```
outputRow = 2
```

```
For j = 2 To lRow
```

```
If sheet.Cells(j, 1).Value <> sheet.Cells(j + 1, 1).Value Then
```

```
    sum = sum + sheet.Cells(j, 7).Value
```

```
    sheet.Cells(outputRow, 12).Value = sum
```

```
    outputRow = outputRow + 1
```

```
    sum = 0
```

```
Else
```

```
    sum = sum + sheet.Cells(j, 7).Value
```

```
End If
```

```
Next j
```

```
'redefine last row for next loop to change the colors of the positive and negative changes
```

```
LRow2 = sheet.Cells(Rows.Count, 10).End(xlUp).Row
```

```
For k = 2 To LRow2
```

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```
If sheet.Cells(k, 10).Value >= 0 Then
    sheet.Cells(k, 10).Interior.ColorIndex = 4
Else
    sheet.Cells(k, 10).Interior.ColorIndex = 3
End If
```

```
'To format % change cells to %
sheet.Cells(k, 11).NumberFormat = "0.00%"
```

```
Next k
```

```
sheet.Cells(1, 15).Value = "Ticker"
sheet.Cells(1, 16).Value = "Value"
sheet.Cells(2, 14).Value = "Greatest % Increase"
sheet.Cells(3, 14).Value = "Greatest % Decrease"
sheet.Cells(4, 14).Value = "Greatest Total Volume"
```

```
Dim Max As Double
Dim l As Long
Dim min As Double
Dim SVMax As Double
```

```
SVMax = 0
min = 0
Max = 0
```

```
For l = 2 To LRow2
    If sheet.Cells(l, 11).Value > Max Then
        Max = sheet.Cells(l, 11).Value
        sheet.Cells(2, 16).Value = Max
        sheet.Cells(2, 15).Value = sheet.Cells(l, 9).Value
    End If

    If sheet.Cells(l, 11).Value < min Then
        min = sheet.Cells(l, 11).Value
        sheet.Cells(3, 16).Value = min
        sheet.Cells(3, 15).Value = sheet.Cells(l, 9).Value
    End If

    If sheet.Cells(l, 11).Value > SVMax Then
        SVMax = sheet.Cells(l, 11).Value
        sheet.Cells(4, 16).Value = SVMax
        sheet.Cells(4, 15).Value = sheet.Cells(l, 9).Value
    End If

```

```
Next l
```

```
sheet.Cells(2, 16).NumberFormat = "0.00%"
sheet.Cells(3, 16).NumberFormat = "0.00%"
sheet.Cells(4, 16).NumberFormat = "General"
```

```
sheet.Cells.EntireColumn.AutoFit
```

```
Next sheet
```

```
End Sub
```