Sub StockData()

Dim ws As Worksheet

Dim lastRow, row, lastRow\_I, i, x As Integer

Dim openPrice, closePrice, yearlyChange, percentChange, totalVolume As Double

Dim tickerName As String

'Loop through each worksheet

For Each ws In Worksheets

'The Activate method will run the code on every worksheet

ws.Activate

'Get to the Last Row of column A and count up

lastRow = ws.Cells(Rows.Count, 1).End(xlUp).row

'Label summary header

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

Cells(1, "J").Value = "Yearly Change"

Cells(1, "K").Value = "Percent Change"

Cells(1, "L").Value = "Total Stock Volume"

volume = 0

row = 2

'Assign Initial Open Price

openPrice = Cells(2, "C").Value

'Loop through the ticker column

For i = 2 To lastRow

'Check if the ticker is the same as the next one

If Cells(i + 1, "A").Value <> Cells(i, "A").Value Then

'Assign the new ticker name

tickerName = Cells(i, "A").Value

'Populate current ticket name under the Ticker column

Cells(row, "I").Value = tickerName

'Get close price

closePrice = Cells(i, "F").Value

'Calculate and populate yearly change

yearlyChange = closePrice - openPrice

Cells(row, "J").Value = yearlyChange

'Calculate percent change

If yearlyChange = 0 And openPrice = 0 Then

Cells(row, "K").Value = 0

ElseIf yearlyChange <> 0 And openPrice = 0 Then

Cells(row, "K").Value = yearlyChange

Else

percentChange = yearlyChange / openPrice

Cells(row, "K").Value = percentChange

End If

Cells(row, "K").NumberFormat = "0.00%"

'Calculate and populate total volumn

totalVolume = totalVolume + Cells(i, "G").Value

Cells(row, "L").Value = totalVolume

'Move to the next row

row = row + 1

'Get the open price

openPrice = Cells(i + 1, "C")

'Reset the total volumn

totalVolume = 0

Else 'if the ticket is the same ticker

totalVolume = totalVolume + Cells(i, "G").Value

End If

Next i

'Get to the Last Row of I and count up

lastRow\_I = ws.Cells(Rows.Count, "I").End(xlUp).row

' Set the Cell Colors

For x = 2 To lastRow\_I

If (Cells(x, "J").Value > 0 Or Cells(x, "J").Value = 0) Then

Cells(x, "J").Interior.ColorIndex = 10

ElseIf Cells(x, "J").Value < 0 Then

Cells(x, "J").Interior.ColorIndex = 3

End If

Next x

'Label header

Cells(2, "O").Value = "Greatest % Increase"

Cells(3, "O").Value = "Greatest % Decrease"

Cells(4, "O").Value = "Greatest Total Volume"

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

Cells(1, "Q").Value = "Value"

Range("J1").ColumnWidth = 15

Range("K1").ColumnWidth = 15

Range("L1").ColumnWidth = 17

Range("O1").ColumnWidth = 20

Range("P1").ColumnWidth = 8

Range("Q1").ColumnWidth = 13

'Figure out the the second row For x = 2 To YCLastRow

For x = 2 To lastRow\_I

If Cells(x, "K").Value = Application.WorksheetFunction.Max(ws.Range("K2:K" & lastRow\_I)) Then

Cells(2, "P").Value = Cells(x, "I").Value

Cells(2, "Q").Value = Cells(x, "K").Value

Cells(2, "Q").NumberFormat = "0.00%"

ElseIf Cells(x, "K").Value = Application.WorksheetFunction.Min(ws.Range("K2:K" & lastRow\_I)) Then

Cells(3, "P").Value = Cells(x, "I").Value

Cells(3, "Q").Value = Cells(x, "K").Value

Cells(3, "Q").NumberFormat = "0.00%"

ElseIf Cells(x, "L").Value = Application.WorksheetFunction.Max(ws.Range("L2:L" & lastRow\_I)) Then

Cells(4, "P").Value = Cells(x, "I").Value

Cells(4, "Q").Value = Cells(x, "L").Value

End If

Next x

Next ws

End Sub