Sub stockDataAnalysis():

For Each ws In Worksheets

ws.Cells(1, 9).Value = "Ticker"

ws.Cells(1, 16).Value = "Ticker"

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

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

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

ws.Cells(1, 17).Value = "Value"

ws.Cells(2, 15).Value = "Greatest % Increase"

ws.Cells(3, 15).Value = "Greatest % Decrease"

ws.Cells(4, 15).Value = "Greatest Total Volume"

Dim i As Long

Dim ticker As String

Dim totalVolume As Double

Dim yearlyOpen As Double

totalVolume = 0

Dim yearlyTotal As Double

yearlyTotal = 0

Dim percentChange As Double

Dim tickerRow As Long

tickerRow = 2

Dim lastRow As Long

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

For i = 2 To lastRow

yearlyOpen = ws.Cells(tickerRow, 3).Value

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

ticker = ws.Cells(i, 1).Value

ws.Range("I" & tickerRow).Value = ticker

yearlyTotal = yearlyTotal + (ws.Cells(i, 6).Value - yearlyOpen)

ws.Range("J" & tickerRow).Value = yearlyTotal

percentChange = (yearlyTotal / yearlyOpen)

ws.Range("K" & tickerRow).Value = percentChange

ws.Range("K" & tickerRow).Style = "Percent"

totalVolume = totalVolume + ws.Cells(i, 7).Value

ws.Range("L" & tickerRow).Value = totalVolume

tickerRow = tickerRow + 1

yearlyTotal = 0

totalVolume = 0

yearlyOpen = ws.Cells(tickerRow, 3).Value

Else

totalVolume = totalVolume + ws.Cells(i, 7).Value

End If

Next i

Dim yearLastRow As Long

yearLastRow = ws.Cells(Rows.Count, 10).End(xlUp).Row

For i = 2 To yearLastRow

If ws.Cells(i, 10).Value >= 0 Then

ws.Cells(i, 10).Interior.ColorIndex = 4

Else

ws.Cells(i, 10).Interior.ColorIndex = 3

End If

Next i

Dim percentLastRow As Long

percentLastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row

Dim percent\_max As Double

percent\_max = 0

Dim percent\_min As Double

percent\_min = 0

For i = 2 To percentLastRow

If percent\_max < ws.Cells(i, 11).Value Then

percent\_max = ws.Cells(i, 11).Value

ws.Cells(2, 17).Value = percent\_max

ws.Cells(2, 17).Style = "Percent"

ws.Cells(2, 16).Value = ws.Cells(i, 9).Value

ElseIf percent\_min > ws.Cells(i, 11).Value Then

percent\_min = ws.Cells(i, 11).Value

ws.Cells(3, 17).Value = percent\_min

ws.Cells(3, 17).Style = "Percent"

ws.Cells(3, 16).Value = ws.Cells(i, 9).Value

End If

Next i

Dim totalVolumeRow As Long

totalVolumeRow = ws.Cells(Rows.Count, 12).End(xlUp).Row

Dim totalVolumeMax As Double

totalVolumeMax = 0

For i = 2 To totalVolumeRow

If totalVolumeMax < ws.Cells(i, 12).Value Then

totalVolumeMax = ws.Cells(i, 12).Value

ws.Cells(4, 17).Value = totalVolumeMax

ws.Cells(4, 16).Value = ws.Cells(i, 9).Value

End If

Next i

Next ws

End Sub