Sub stockAnalysis()

For Each ws In Worksheets

ws.Range("I1").Value = "Ticker"

ws.Range("J1").Value = "Yearly Change"

ws.Range("K1").Value = "Percent Change"

ws.Range("L1").Value = "Total Stock Volume"

Dim dateOpen As Double

Dim dateClose As Double

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

Dim stockTicker As String

Dim totalStockVolume As Double

totalStockVolume = 0

Dim yearlyChange As Double

yearlyChange = 0

Dim tableRow As Integer

tableRow = 2

Dim tickerRow As Long

tickerRow = 0

For i = 2 To lastRow

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

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

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

dateOpen = ws.Cells(i - tickerRow, 3).Value

dateClose = ws.Cells(i, 6).Value

yearlyChange = dateClose - dateOpen

If dateOpen = 0 Then

percentChange = "NA"

Else

percentChange = ((dateClose - dateOpen) / dateOpen) \* 100

End If

If percentChange < 0 Then

ws.Range("K" & tableRow).Interior.ColorIndex = 3

Else

ws.Range("K" & tableRow).Interior.ColorIndex = 4

End If

ws.Range("I" & tableRow).Value = stockTicker

ws.Range("L" & tableRow).Value = totalStockVolume

ws.Range("J" & tableRow).Value = yearlyChange

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

tableRow = tableRow + 1

tickerRow = 0

totalStockVolume = 0

Else

tickerRow = tickerRow + 1

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

End If

Next i

Next ws

End Sub