Sub Stock\_Data\_Analysis()

Dim ticker As String

Dim open\_price As Double

Dim closing\_price As Double

Dim pc As Double

Dim tsv As Double

Dim yc As Double

Dim gtv As Double

Dim PreviousStockPrice As Long

Dim table\_summary\_row As Long

Dim greatest\_increase As Double

Dim greatest\_decrease As Double

Dim ws As Worksheet

For Each ws In Worksheets

ws.Range("P1").Value = "Ticker"

ws.Range("Q1").Value = "Value"

ws.Range("O2").Value = "Greatest % Increase"

ws.Range("O3").Value = "Greatest % Decrease"

ws.Range("O4").Value = "Greatest Total Volume"

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

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

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

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

tsv = 0

table\_summary\_row = 2

PreviousStockPrice = 2

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

For i = 2 To EndRowA

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

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

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

ws.Range("I" & table\_summary\_row).Value = ticker

ws.Range("L" & table\_summary\_row).Value = tsv

tsv = 0

open\_price = ws.Range("C" & PreviousStockPrice)

Close\_Price = ws.Range("F" & i)

yc = Close\_Price - open\_price

ws.Range("J" & table\_summary\_row).Value = yc

If open\_price = 0 Then

pc = 0

Else

open\_pice = ws.Range("C" & PreviousStockPrice)

pc = yc / open\_price

End If

ws.Range("K" & table\_summary\_row).Value = pc

ws.Range("K" & table\_summary\_row).NumberFormat = "0.00%"

If ws.Range("J" & table\_summary\_row).Value >= 0 Then

ws.Range("J" & table\_summary\_row).Interior.ColorIndex = 4

Else

ws.Range("J" & table\_summary\_row).Interior.ColorIndex = 3

End If

table\_summary\_row = table\_summary\_row + 1

PreviousStockPrice = i + 1

End If

Next i

gtv = 0

greatest\_increase = 0

greatest\_decrease = 0

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

For i = 2 To EndRowK

If ws.Range("L" & i).Value > gtv Then

gtv = ws.Range("L" & i).Value

ws.Range("Q4").Value = gtv

ws.Range("P4").Value = ws.Range("I" & i).Value

End If

If ws.Range("K" & i).Value > greatest\_increase Then

greatest\_increase = ws.Range("K" & i).Value

ws.Range("Q2").Value = greatest\_increase

ws.Range("P2").Value = ws.Range("I" & i).Value

End If

If ws.Range("K" & i).Value < greatest\_decrease Then

greatest\_decrease = ws.Range("K" & i).Value

ws.Range("Q3").Value = greatest\_decrease

ws.Range("P3").Value = ws.Range("I" & i).Value

End If

ws.Range("Q2").NumberFormat = "0.00%"

ws.Range("Q3").NumberFormat = "0.00%"

Next i

Next ws

End Sub