Sub StockAnalysis()

For Each ws In Worksheets

Dim Ticker As String

Dim OpeningPrice As Double

Dim ClosingPrice As Double

Dim YearlyChange As Double

Dim PercentageChange As Double

Dim TotalVolume As Double

Dim LastRow As Long

Dim SummaryRow As Long

Dim GreatestIncrease As Double

Dim GreatestDecrease As Double

Dim GreatestVolume As Double

Dim TickerGI As String

Dim TickerGD As String

Dim TickerGV As String

GreatestIncrease = 0

GreatestDecrease = 0

GreatestVolume = 0

SummaryRow = 2

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

For i = 2 To LastRow

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

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

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

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

YearlyChange = ClosingPrice - OpeningPrice

If OpeningPrice <> 0 Then

PercentageChange = (YearlyChange / OpeningPrice) \* 100

Else

PercentageChange = 0

End If

ws.Cells(SummaryRow, 10).Value = Ticker

ws.Cells(SummaryRow, 11).Value = YearlyChange

ws.Cells(SummaryRow, 12).Value = PercentageChange

ws.Cells(SummaryRow, 13).Value = TotalVolume

If YearlyChange > 0 Then

ws.Cells(SummaryRow, 11).Interior.Color = RGB(0, 255, 0)

ElseIf YearlyChange < 0 Then

ws.Cells(SummaryRow, 11).Interior.Color = RGB(255, 0, 0)

End If

If PercentageChange > GreatestIncrease Then

GreatestIncrease = PercentageChange

TickerGI = Ticker

ElseIf PercentageChange < GreatestDecrease Then

GreatestDecrease = PercentageChange

TickerGD = Ticker

End If

If TotalVolume > GreatestVolume Then

GreatestVolume = TotalVolume

TickerGV = Ticker

End If

OpeningPrice = 0

ClosingPrice = 0

YearlyChange = 0

PercentageChange = 0

TotalVolume = 0

SummaryRow = SummaryRow + 1

Else

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

If OpeningPrice = 0 Then

OpeningPrice = ws.Cells(i, 3).Value

End If

End If

Next i

ws.Cells(2, 16).Value = "Greatest % Increase"

ws.Cells(2, 17).Value = TickerGI

ws.Cells(2, 18).Value = GreatestIncrease & "%"

ws.Cells(3, 16).Value = "Greatest % Decrease"

ws.Cells(3, 17).Value = TickerGD

ws.Cells(3, 18).Value = GreatestDecrease & "%"

ws.Cells(4, 16).Value = "Greatest Total Volume"

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

ws.Cells(4, 18).Value = GreatestVolume

Next ws

End Sub