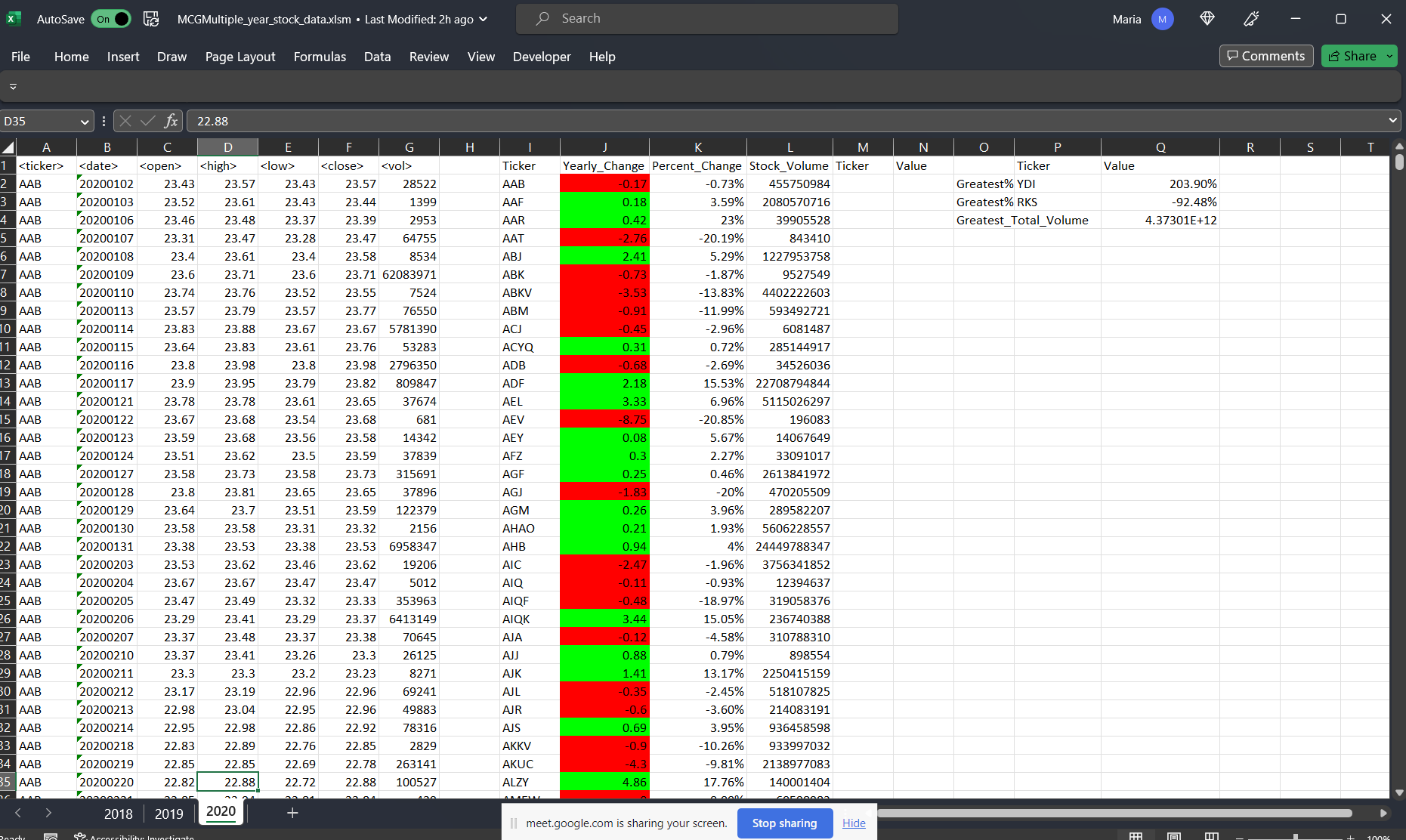
Graphical user interface, application

Description automatically generated

Graphical user interface, application, table

Description automatically generated



Sub WorksheetLoop()

Const COLOR\_GREEN As Integer = 4

Const COLOR\_RED As Integer = 3

Const VOL\_COL As Integer = 7

Dim HEADERS() As String

HEADERS = Split(",Ticker,Yearly\_Change,Percent\_Change,Stock\_Volume,Ticker,Value", ",")

'WS

Dim WS As Worksheet

Dim wb As Workbook

Dim header\_index As Integer

Dim header\_column As Integer

Dim Ticker\_Name As String

Dim Total\_Ticker\_Volume As Double

Dim End\_Price As Double

Dim Yearly\_Price\_Change As Double

Dim Yearly\_Price\_Percent As Double

Dim Max\_Ticker\_Name As String

Dim Max\_Percent As Double

Dim Min\_Percent As Double

Dim Max\_Volume\_Ticker\_Name As String

Dim Max\_Volume As Double

Dim Summary\_Table\_Row As Long

Dim Lastrow As Long

Set wb = ActiveWorkbook

'loop through all of the workshhet

For Each WS In Worksheets

WS.Activate

'Column Headers

For header\_index = 1 To UBound(HEADERS)

header\_column = VOL\_COL + 1 + header\_index

Cells(1, VOL\_COL + 1 + header\_index).Value = HEADERS(header\_index)

Next header\_index

' Set initial variables

Ticker\_Name = ""

Beg\_Price = 0

End\_Price = 0

Yearly\_Price\_Change = 0

Yearly\_Price\_Percent = 0

Max\_Ticker\_Name = ""

Min\_Ticker\_Name = ""

Max\_Percent = 0

Min\_Percent = 0

Max\_Volume\_Ticker\_Name = ""

Max\_Volume = 0

Total\_Ticker\_Volume = 0

'Row definition

Summary\_Table\_Row = 1

Lastrow = WS.Cells(Rows.Count, 1).End(xlUp).Row

For i = 2 To Lastrow

'Ticker Name If

If WS.Cells(i - 1, 1).Value <> WS.Cells(i, 1).Value Then

Summary\_Table\_Row = Summary\_Table\_Row + 1

Ticker\_Name = WS.Cells(i, 1).Value

Yearly\_Price\_Change = 0

Total\_Ticker\_Volume = 0

Yearly\_Price\_Percent = 0

WS.Range("I" & Summary\_Table\_Row).Value = Ticker\_Name

WS.Range("J" & Summary\_Table\_Row).Value = Yearly\_Price\_Change

Beg\_Price = WS.Cells(i, 3).Value

End If

'Calculate End Price

End\_Price = WS.Cells(i, 6).Value

Yearly\_Price\_Change = (End\_Price - Beg\_Price)

If Beg\_Price <> 0 Then

Yearly\_Price\_Change\_Percent = (Yearly\_Price\_Change / Beg\_Price) \* 100

End If

Total\_Ticker\_Volume = Total\_Ticker\_Volume + WS.Cells(i, 7).Value

WS.Range("J" & Summary\_Table\_Row).Value = Yearly\_Price\_Change

If (WS.Range("J" & Summary\_Table\_Row).Value > 0) Then

WS.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = COLOR\_GREEN

ElseIf (Yearly\_Price\_Change <= 0) Then

WS.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = COLOR\_RED

End If

'Print Yearly Price Change as Percent in summary table, column K

WS.Range("K" & Summary\_Table\_Row).Value = (CStr(Yearly\_Price\_Change\_Percent) & "%")

'Print Total Stock Volume in Summary Table, column L

WS.Range("L" & Summary\_Table\_Row).Value = Total\_Ticker\_Volume

'For Final Calculations

If (Yearly\_Price\_Change\_Percent > Max\_Percent) Then

Max\_Percent = Yearly\_Price\_Change\_Percent

Max\_Ticker\_Name = Ticker\_Name

ElseIf (Yearly\_Price\_Change\_Percent < Min\_Percent) Then

Min\_Percent = Yearly\_Price\_Change\_Percent

Min\_Ticker\_Name = Ticker\_Name

End If

If Total\_Ticker\_Volume > Greatest\_Total\_Volume Then

Greatest\_Total\_Volume = Total\_Ticker\_Volume

End If

Next i

'Print Values in Cells

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

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

WS.Range("O4").Value = "Greatest\_Total\_Volume"

WS.Range("P2").Value = Max\_Ticker\_Name

WS.Range("P3").Value = Min\_Ticker\_Name

WS.Range("Q2").Value = (CStr(Max\_Percent) & "%")

WS.Range("Q3").Value = (CStr(Min\_Percent) & "%")

WS.Range("Q4").Value = Greatest\_Total\_Volume

Next WS

End Sub