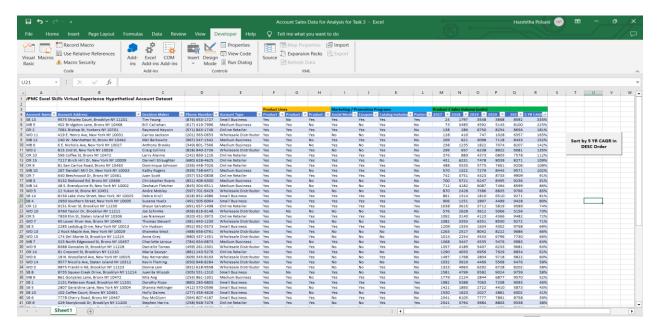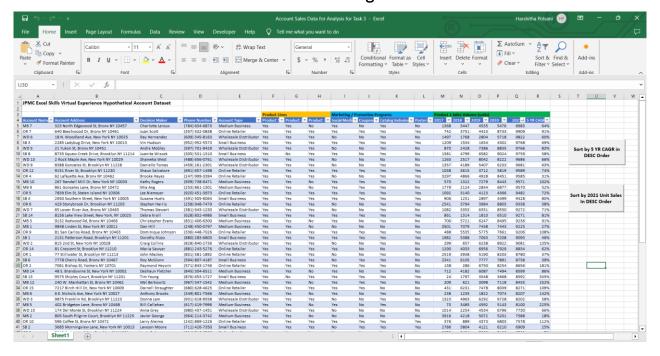# TASK 3

Visual Basic for Applications (VBA)

1. A macro to sort the entire spreadsheet by 5 YR CAGR in descending order to see which accounts have the highest overall 5-year sales growth

2. A macro to sort the entire spreadsheet by 2021-unit sales in descending order to see which accounts have the highest overall unit sales in 2021

VBA Code

File   Edit   View   Insert   Format   Debug   Run   Tools   Add-Ins   Window   Help

Ln 36, Col 1

(General)   Sort_by_2021_Sales_DESC

```vba
Sub Sort_by_5YR_CAGR_DESC()
'
' Sort_by_5YR_CAGR_DESC Macro
'
'
    Range("R4").Select
    ActiveWorkbook.Worksheets("Sheet1").Sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Sheet1").Sort.SortFields.Add2 Key:=Range("R4:R64") _
        , SortOn:=xlSortOnValues, Order:=xlDescending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Sheet1").Sort
        .SetRange Range("A5:R64")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
    End With
End Sub
Sub Sort_by_2021_Sales_DESC()
'
' Sort_by_2021_Sales_DESC Macro
'
'
    ActiveWorkbook.Worksheets("Sheet1").ListObjects("Table2").Sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Sheet1").ListObjects("Table2").Sort.SortFields.Add2 _
        Key:=Range("Table2[[#All],[2021]]"), SortOn:=xlSortOnValues, Order:= _
        xlDescending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Sheet1").ListObjects("Table2").Sort
        .Header = xlYes
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
    End With
End Sub
```

Project - VBAProject

VBAProject (Accou
  Microsoft Excel Ob
    Sheet1 (Shee
    ThisWorkbook
  Modules
    Module1

Properties - Sheet1

Sheet1 Worksheet

Alphabetic   Categorized

(Name)	Sheet1
DisplayPageBre	False
DisplayRightTo	False
EnableAutoFilte	False
EnableCalculati	True
EnableFormatC	True
EnableOutlining	False
EnablePivotTab	False
EnableSelection	0 - xlNoRestri
Name	Sheet1
ScrollArea	
StandardWidth	8.11
Visible	-1 - xlSheetVi