

Used when the excel spreadsheet was all placed in one cell(A1), then in multiple column A cells while trying to extract categories and sort the data into those categories. (VERY DIFFICULT) since it was my first time trying it that way. I was stuck for 36 hours. Once I figured this worked. I used this as the basis for creating other codes to extract info from my dataset and I started to succeed with my extractions with many errors, but better than not progressing at all.

```
Sub ExtractFromCellA1()  
    Dim wsInput As Worksheet  
    Dim wsOutput As Worksheet  
    Dim Data As String  
    Dim startPos As Long, EndPos As Long  
    Dim CurrentRow As Long  
    Dim StartSearch As Long  
  
    ' Set the input worksheet  
    On Error Resume Next  
    Set wsInput = ThisWorkbook.Sheets("Hip_Hop_Streaming")  
    If wsInput Is Nothing Then  
        MsgBox "Error: Could not find 'Hip_Hop_Streaming'. Please check the sheet name."  
        Exit Sub  
    End If  
    On Error GoTo 0  
  
    ' Create or reference an output sheet named 'ExtractedData'  
    On Error Resume Next  
    Set wsOutput = ThisWorkbook.Sheets("ExtractedData")  
    If wsOutput Is Nothing Then  
        Set wsOutput = ThisWorkbook.Sheets.Add  
        wsOutput.Name = "ExtractedData"  
    Else  
        wsOutput.Cells.Clear ' Clear previous data if the sheet exists  
    End If  
    On Error GoTo 0  
  
    ' Set headers in the output sheet  
    wsOutput.Cells(1, 1).Value = "Playlist Names"  
    wsOutput.Cells(1, 2).Value = "Views"  
    wsOutput.Cells(1, 3).Value = "Estimated Revenue"  
    wsOutput.Cells(1, 4).Value = "Album Names"  
  
    ' Start writing data from row 2 in the output sheet  
    CurrentRow = 2  
  
    ' Get data from cell A1
```

```
Data = Trim(wsInput.Cells(1, 1).Value)
```

```
' Check if Data is not empty
```

```
If Len(Data) > 0 Then
```

```
    ' Extract Playlist Names
```

```
    StartSearch = 1
```

```
    StartPos = InStr(StartSearch, Data, "Playlist:")
```

```
    If StartPos > 0 Then
```

```
        StartPos = StartPos + Len("Playlist: ")
```

```
        EndPos = InStr(StartPos, Data, ",")
```

```
        If EndPos = 0 Then EndPos = Len(Data) + 1
```

```
        wsOutput.Cells(CurrentRow, 1).Value = Trim(Mid(Data, StartPos, EndPos - StartPos))
```

```
    End If
```

```
    ' Extract Views
```

```
    StartSearch = 1
```

```
    StartPos = InStr(StartSearch, Data, "Views:")
```

```
    If StartPos > 0 Then
```

```
        StartPos = StartPos + Len("Views: ")
```

```
        EndPos = InStr(StartPos, Data, ",")
```

```
        If EndPos = 0 Then EndPos = Len(Data) + 1
```

```
        wsOutput.Cells(CurrentRow, 2).Value = Trim(Mid(Data, StartPos, EndPos - StartPos))
```

```
    End If
```

```
    ' Extract Estimated Revenue
```

```
    StartSearch = 1
```

```
    StartPos = InStr(StartSearch, Data, "Estimated Revenue:")
```

```
    If StartPos > 0 Then
```

```
        StartPos = StartPos + Len("Estimated Revenue: ")
```

```
        EndPos = InStr(StartPos, Data, ",")
```

```
        If EndPos = 0 Then EndPos = Len(Data) + 1
```

```
        wsOutput.Cells(CurrentRow, 3).Value = Trim(Mid(Data, StartPos, EndPos - StartPos))
```

```
    End If
```

```
    ' Extract Album Names
```

```
    StartSearch = 1
```

```
    StartPos = InStr(StartSearch, Data, "Album Name:")
```

```
    If StartPos > 0 Then
```

```
        StartPos = StartPos + Len("Album Name: ")
```

```
        EndPos = InStr(StartPos, Data, ",")
```

```
        If EndPos = 0 Then EndPos = Len(Data) + 1
```

```
        wsOutput.Cells(CurrentRow, 4).Value = Trim(Mid(Data, StartPos, EndPos - StartPos))
```

```
    End If
```

```
End If
```

```
    MsgBox "Data extracted successfully from cell A1!"  
End Sub
```