**Dasararaju, Chaitanya**

<https://imagicle/fw/frame/login.asp> -

sa\_imagicle & [sa\_imagicle@Investcorp.com](mailto:sa_imagicle@Investcorp.com) -

[https://investcorp.sharepoint.com/sites/tech](https://investcorp.sharepoint.com/sites/tech/) powerbi

<https://investcorp.sharepoint.com/sites/tech/PowerBI/Forms/AllItems.aspx>

**Power Autoamte Links: Important**

<https://dynamics365experts.nl/power-automate-best-way-to-check-if-a-sharepoint-folder-exists/>

<https://www.spguides.com/microsoft-flow-delete-all-files-in-a-folder/>

<https://www.youtube.com/watch?v=-Z1_43SWboM> - Send Http Request to Rename file

<https://powerbi.tips/2016/09/loading-excel-files-from-sharepoint/> - Loading files from Sharepoint list

<https://powerusers.microsoft.com/t5/General-Power-Automate/Renaming-a-File-in-SharePoint-Online-using-Flow/td-p/209549> - Renaming a sharepoint file [easy way]

<https://faustocapellan.com/2019/07/15/how-to-1-rename-email-attachments-using-microsoft-flow/> - Renaming a Email Attachment

<https://www.serverlessnotes.com/docs/sync-files-with-sharepoint-online> - Synchronization of Sharepoint to Ondrive

<https://faustocapellan.com/2019/07/15/how-to-1-rename-email-attachments-using-microsoft-flow/> - Split function in Power Automate

<https://tomriha.com/how-to-split-file-name-for-further-processing-in-power-automate/> - How to User Split function in Power Automate

<https://eriksvensen.wordpress.com/2020/06/15/converting-xls-files-to-xlsx-file-using-powerautomate-and-avoid-the-pitfalls-in-powerquery-using-xls/> - Convert Xls to Xlsx

<https://www.youtube.com/watch?v=IacquJvZ20s> - PAD to sync and convert xls to xlsx

<https://www.youtube.com/watch?v=SIXVpmJoC8U> - Scheduling a PAD to run online

<https://powerusers.microsoft.com/t5/Building-Flows/Deleting-Specific-Files-Upon-Upload/td-p/213747> - Delete a file with extension (like .xls)  
  
  
**Power BI – Power Query Links:**<https://youtu.be/tpK_xklbDf0> ---- Combining Excel with Different Column names – Priority 1

<https://www.youtube.com/watch?v=tpK_xklbDf0> --- Same as above

<https://www.youtube.com/watch?v=fHFUh6EhBcw> -- Merging Different Excel files

<https://www.youtube.com/watch?v=OFt9b6DgvY0> -- Combining Excel files

<https://www.youtube.com/watch?v=nPlrQUbEn4o> -- Merging Excel files.

**Python Script to convert Xls to xlsx**

(workbook as binary, sheet as text, optional header as logical) as table =>

let dataset = Table.FromRecords({[

content = Binary.ToText(workbook, BinaryEncoding.Base64),

sheet = sheet,

header = if header = null then true else header

]}),

result = Python.Execute("import pandas as pd#(lf)from base64 import b64decode#(lf)from io import BytesIO#(lf)params = dataset.loc[0]#(lf)content = BytesIO(b64decode(params['content']))#(lf)sheet = params['sheet']#(lf)header = 0 if params['header'] else None#(lf)result = pd.read\_excel(content, sheet, header=header)", [dataset = dataset]){[Name = "result"]}[Value]

in result

(workbook as binary, sheet as text, optional header as logical) as table =>

let

Source = SharePoint.Files("https://yourcompany.sharepoint.com/...", [ApiVersion = 15]),

FileContent = Source{[Name = "Book1.xls"]}[Content],

ParsedTable = ParseXls(FileContent, "Sheet1"),

result = Python.Execute("import pandas as pd#(lf)from base64 import b64decode#(lf)from io import BytesIO#(lf)params = dataset.loc[0]#(lf)content = BytesIO(b64decode(params['content']))#(lf)sheet = params['sheet']#(lf)header = 0 if params['header'] else None#(lf)result = pd.read\_excel(content, sheet, header=header)", [dataset = dataset]){[Name = "result"]}[Value]

in result

**Flow Chart:**1. New Email Arrives

2. Create a Sharepoint folder with that Month Name

3. Save that email attachment (excel file) in that folder

4. Now [Run the Desktop flow] attach it to the cloud flow to Convert xls to xlsx

5. Save that xlsx file in the Different folder with the same Month Name format

6. Use Power Bi to connect to this xlsx file and create a Report and Publish it to the Service.

7. So for every same month the attachment should be deleted and saved, However if the Month changes then the New month name with the attachment should be available.