

Automatic File Sorter in File Explorer

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In [17]: import os, shutil
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In [18]: path = r"D:/COURSES/YOUTUBE/ALEX THE ANALYST/PYTHON/File Sorter Project/"
```

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In [19]: file_name = os.listdir(path)
file_name
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Out[19]: ['2.jpg',
'Agent Performance Report_PCITS Dun_February 2023.xlsx',
'tfr 2023.txt']
```

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In [4]: #os.path.exists(path + 'xls files')
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Out[4]: False
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In [21]: folder_names = ['xls files', 'image files', 'text files']

for loop in range(0,3):
    if not os.path.exists(path + folder_names[loop]):
        #print(path + folder_names[loop])
        os.makedirs(path + folder_names[loop])
```

```
In [22]: for file in file_name:
    if ".xls" in file and not os.path.exists(path + "xls files/" + file):
        shutil.move(path + file, path + "xls files/" + file)
    elif ".jpg" in file and not os.path.exists(path + "image files/" + file):
        shutil.move(path + file, path + "image files/" + file)
    elif ".txt" in file and not os.path.exists(path + "text files/" + file):
        shutil.move(path + file, path + "text files/" + file)
```

```
In [ ]:
```