Automatic File Sorter in File Explorer

1. Import os, shutil
   1. Allow us to do some high level operations on our file
2. Path = r”C:\Users\jamal\OneDrive\Desktop\New folder”
   1. Indicate the folder’s path
   2. The r signifies the raw text of the path
3. os.listdir(path)
   1. This will show all the files in Path.
4. Folder\_names = [‘xlsx files’, ‘images files’, ‘text files’]
   1. for loop in range(0,3):
      1. if not os.path.exists(path + folder\_names[loop]):

print(path + folder\_names[loop])

os.makedirs(path + folder\_names[loop])

THIS LOOPS THROUGH FOLDER NAMES AND CREATES THE FOLDER IF IT DOESN’T EXIST ON THE PATH.

1. for file in file name:

if “.xlsx” in file and not os.path.exists(path + “xlsx files/” + file):

shutil.move(path + file, path + “xlsx files/” + file)

THIS LOOPS THROUGH THE FILES ON THE PATH AND IF IT IS NOT IN THE CORRESPONDING FOLDER, THIS CODE MOVES IT THERE