Pyhton Automation with Excel

August 10, 2024

[1]:
```
!pip install pandas openpyxl
!pip install pyunpack
!pip install patool
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[11]:
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import sys
import os
from pyunpack import Archive
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```
C:\Users\Momin\anaconda3\python.exe
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[70]:
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# Path to the Excel file and the folder containing text files
excel_file_path = r'C:\Users\Momin\Downloads\Upwork Jobs\WQED Customer␣
 ↪Service\Aug1-Nov23.xlsx'  # Update with the actual path
text_files_folder = r'C:\Users\Momin\Downloads\Upwork Jobs\WQED Customer␣
 ↪Service\Text Files'   # Update with the actual path

# Read the Excel file
df = pd.read_excel(excel_file_path)

# List all text files in the folder
text_files = os.listdir(text_files_folder)

# Function to find matching text file for a case number
def find_matching_file(case_number, files):
    for file in files:
        file_case_number = file.split('_')[0]  # Extract case number from file␣
 ↪name
        if str(case_number) == file_case_number:
            return file
    return None

# Iterate over each case number, find the matching text file, and read its␣
 ↪contents
for index in range(1, len(df)):
    case_number = df.at[index, 'CASE']  # Assuming 'B' is the column with case␣
 ↪numbers
```

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    matching_file = find_matching_file(case_number, text_files)
    if matching_file:
        with open(os.path.join(text_files_folder, matching_file), 'r') as file:
            content = file.read()
            df.at[index, 'TRANSCRIPTS'] = content  # Assuming 'E' is the column to write contents

# Save the modified DataFrame back to the Excel file
df.to_excel(excel_file_path, index=False)
```