

Monthly Trending Incident Report Automation

Python 3.7

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Setup Process

1. Save weekly reports into one designated folder.
2. Install Python from www.python.org and follow set up procedures
3. On the windows command prompt, use the following commands:

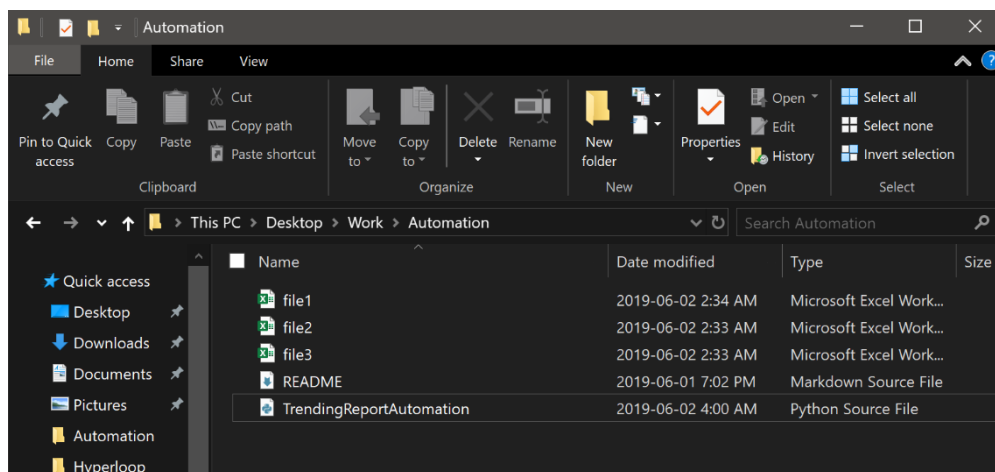
```
Command Prompt
Microsoft Windows [Version 10.0.17763.503]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Uzair>py -m pip install pandas_
```

```
Command Prompt
Microsoft Windows [Version 10.0.17763.503]
(c) 2018 Microsoft Corporation. All rights reserved.

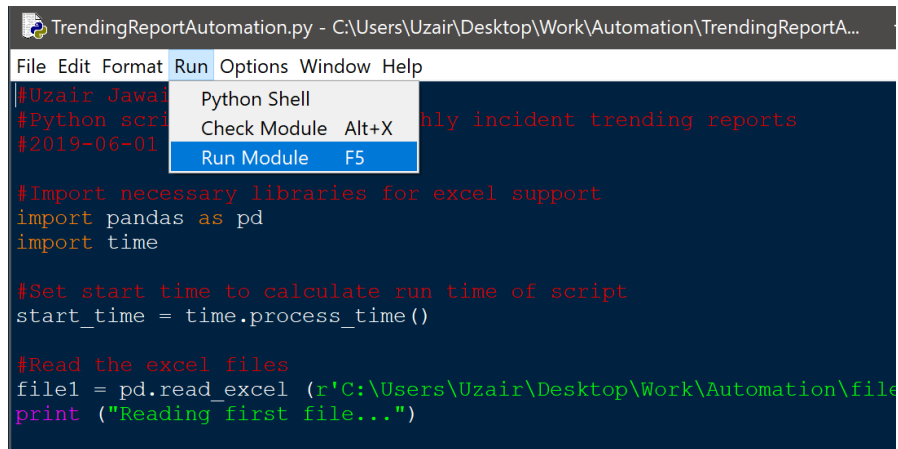
C:\Users\Uzair>py -m pip install xlrd
```

4. Save the python file 'TrendingReportAutomation.py' in the same folder as the weekly reports.



5. Open IDLE
6. Open the python file 'TrendingReportAutomation.py'

7. Go to run > run module



The screenshot shows a Python script editor window titled 'TrendingReportAutomation.py - C:\Users\Uzair\Desktop\Work\Automation\TrendingReportA...'. The 'Run' menu is open, and 'Run Module' (F5) is selected. The script content is as follows:

```
#Uzair Jawa  
#Python scri  
#2019-06-01  
  
#Import necessary libraries for excel support  
import pandas as pd  
import time  
  
#Set start time to calculate run time of script  
start_time = time.process_time()  
  
#Read the excel files  
file1 = pd.read_excel (r'C:\Users\Uzair\Desktop\Work\Automation\file  
print ("Reading first file...")
```

8. Two new files will be created in the folder from the Python code:

