**Current Situation;**

I have a small python script eia\_oil.py. It goes to following website <http://ir.eia.gov/wpsr/psw01.xls> at a specific time and downloads the File, pws01.xls in sub-directory;

\Data\Oil\

As following file;

OIL\_<yyyy-mm-dd>.xls

**Problem;**

It does the job perfectly. However, if there is a little delay in releasing the file on the website, pws01.xls file does not contain useful data. I have included both files.

**File with useful data**; OIL\_2021-09-23.xls (4 Sheets of Data; Content, Data 1, Data 2, Data 3)

**File with useless data**; File\_With\_No\_Data.xls (just 1 Sheet)

Both files get saved under the same name; OIL\_2021-09-23.xls.

**Change Sought;**

**Step 1.**

Script should check at following stage itself whether the file contains useful data.

while True:

try:

data = requests.get('http://ir.eia.gov/wpsr/psw01.xls',allow\_redirects=True)

My suggestion would be to check the contents of Cell A2. pws01.xls with no data will have following text; 503 - Sorry! This file is temporarily unavailable.

**Step 2.**

In case, script find that useful file is not still available, it should not download anything and keep trying to access the pws01.xls and checking the validity within a loop without any sleep.

**Step3.**

If valid pws01.xls file is found, download as per the current logic and exit the loop.