



Alan German & Chris Taylor
Ottawa PC Users' Group

February 21, 2024



Python and ChatGPT

- Tom Trottier's demonstration of using ChatGPT to write a Python program showed that this was indeed possible but not necessarily very simple
- Let's take another look at the process but, this time, we will adopt a simpler task
- And, before we start, we will take the sage advice of a couple of our members...



*Learning to ask questions of
ChatGPT is a skill in itself
and we are all newbies at
that!*



Jocelyn Doire

*It's usually good to add
lots of context and be as
descriptive as possible.*



Bob Herres

CHAT GPT

1

2 218

3 00:25:36.410 --> 00:25:42.459

4 Chris Taylor, President: And I would like to introduce our
speaker, who

5

6 219

7 00:25:42.640 --> 00:25:54.940

8 Chris Taylor, President: needs no introduction because he's been
around for a long time and presented to us on quite a few
occasions. So Tom Charte tonight is gonna give us a presentation
on programming adventures, using AI.

9

10 220

11 00:25:54.950 --> 00:26:01.640

12 Chris Taylor, President: So thanks very much, Tom, for stepping
forward on it and I'll turn it over to you. Make over now

1
2 218
3 00:25:36.410 --> 00:25:42.459
4 Chris Taylor, President: And I would like to introduce our
5 speaker, who

Record of interest

6 219
7 00:25:42.640 --> 00:25:54.940
8 Chris Taylor, President: needs no introduction because he's been
around for a long time and presented to us on quite a few
occasions. So Tom Charte tonight is gonna give us a presentation
on programming adventures, using AI.
9
10 220
11 00:25:54.950 --> 00:26:01.640
12 Chris Taylor, President: So thanks very much, Tom, for stepping
forward on it and I'll turn it over to you. Make over now

Time stamp

1

2 218

3 00:25:36.410 --> 00:25:42.459

4 Chris Taylor, President: And I would like to introduce our speaker, who

5

6 219

7 00:25:42.640 --> 00:25:54.940

8 Chris Taylor, President: needs no introduction because he's been around for a long time and presented to us on quite a few occasions. So Tom Charte tonight is gonna give us a presentation on programming adventures, using AI.

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1
2 218
3 00:25:36.410 --> 00:25:42.459
4 Chris Taylor, President: And I would like to introduce our
speaker, who

Name of participant

5
6 219
7 00:25:42.640 --> 00:25:54.940
8 Chris Taylor, President: needs no introduction because he's been
around for a long time and presented to us on quite a few
occasions. So Tom Charte tonight is gonna give us a presentation
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```
1
2 218
3 00:25:36.410 --> 00:25:42.459
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9
10 220
11 00:25:54.950 --> 00:26:01.640
12 Chris Taylor, President: So thanks very much, Tom, for stepping
forward on it and I'll turn it over to you. Make over now
```

Text

```
1
2 218
3 00:25:36.410 --> 00:25:42.459
4 Chris Taylor, President: And I would like to introduce our
  speaker, who
```

Separator is a colon



```
5
6 219
7 00:25:42.640 --> 00:25:54.940
8 Chris Taylor, President: needs no introduction because he's been
  around for a long time and presented to us on quite a few
  occasions. So Tom Charte tonight is gonna give us a presentation
  on programming adventures, using AI.
9
10 220
11 00:25:54.950 --> 00:26:01.640
12 Chris Taylor, President: So thanks very much, Tom, for stepping
  forward on it and I'll turn it over to you. Make over now
```



You

Write a Python program to: open the file transcript.txt.

Locate a line in the form 00:25:36.410 --> 00:25:42.459

Save the first eight characters on this line as the variable timestamp.

On the next line, save all the characters before the colon as the variable name.

On this same line, save all of the characters following the colon and the subsequent space, up to the occurrence of a blank line, as the variable textstring.

Write the variables timestamp, name, and textstring on a single line in the file output.txt.

Repeat this sequence until the end of the transcript.txt file.

```
218
00:25:36.410 --> 00:25:42.459
Chris Taylor, President: And I would like
```





ChatGPT

Here's a Python program that accomplishes the task you described:

python

Copy code

```
def extract_info(input_file, output_file):
    with open(input_file, 'r') as file:
        lines = file.readlines()

    with open(output_file, 'w') as output:
        i = 0
        while i < len(lines):
            line = lines[i].strip()
            if '-->' in line:
                timestamp = line[:8]
                i += 1
                line = lines[i].strip()
                name, textstring = line.split(':', 1)
                textstring = textstring.strip()
                i += 1
                while i < len(lines) and lines[i].strip() != "":
                    textstring += " " + lines[i].strip()
                    i += 1
                output.write(f"Timestamp: {timestamp}\nName: {name.strip()}\nText: {textstring}\n")
            else:
                i += 1

extract_info("transcript.txt", "output.txt")
```

output_01.txt

```
1  Timestamp: 00:25:36
2  Name: Chris Taylor, President
3  Text: And I would like to introduce our speaker, who
4
5  Timestamp: 00:25:42
6  Name: Chris Taylor, President
7  Text: needs no introduction because he's been around for a long time and presented to
8  us on quite a few occasions. So Tom Charte tonight is gonna give us a presentation on
9  programming adventures, using AI.
10
11 Timestamp: 00:25:54
12 Name: Chris Taylor, President
13 Text: So thanks very much, Tom, for stepping forward on it, and I'll turn it over to
14 you. Take over now.
15
16 Timestamp: 00:26:02
17 Name: Tom Trottier
18 Text: Okay. here I am. Can you hear me? Yes, I can. Okay.
```



You

Don't write the variables on individual lines; write them on the same line in the output file for any given timestamp



ChatGPT

Sure, I'll modify the program to write the variables on the same line in the output file for each timestamp:

1 00:25:36, Chris Taylor, President, And I would like to introduce our speaker, who
2 00:25:42, Chris Taylor, President, needs no introduction because he's been around for a
long time and presented to us on quite a few occasions. So Tom Charte tonight is gonna
give us a presentation on programming adventures, using AI.
3 00:25:54, Chris Taylor, President, So thanks very much, Tom, for stepping forward on it,
and I'll turn it over to you. Take over now.
4 00:26:02, Tom Trottier, Okay. here I am. Can you hear me? Yes, I can. Okay.
5 00:26:09, Tom Trottier, Cause the the site. The picture didn't show me.
6 00:26:16, Tom Trottier, Okay, let's go. I will share my screen.
7 00:26:21, Tom Trottier, And
8 00:26:25, Tom Trottier, this is the one I want.
9



You

If the name variable for the next record hasn't changed, ignore the timestamp and name variables and concatenate the textstring with the previous value of textstring, separated by a space. When the name changes, start a new output line.



ChatGPT

To implement the functionality where the program checks if the name variable for the next record has changed and concatenates the textstring with the previous value if it hasn't, you can use a variable to keep track of the previous name. Here's the modified version of the program:

output_03.txt

1 00:26:02, Chris Taylor, President, And I would like to introduce our speaker, who needs no introduction because he's been around for a long time and presented to us on quite a few occasions. So Tom Charte tonight is gonna give us a presentation on programming adventures, using AI. So thanks very much, Tom, for stepping forward on it, and I'll turn it over to you. Take over now.

2 00:26:25, Tom Trottier, Okay. here I am. Can you hear me? Yes, I can. Okay. Cause the the site. The picture didn't show me. Okay, let's go. I will share my screen. And this is the one I want.

3

```
def extract_info(input_file, output_file):
    with open(input_file, 'r') as file:
        lines = file.readlines()

    with open(output_file, 'w') as output:
        prev_name = None
        prev_textstring = ""
        for line in lines:
            line = line.strip()
            if '-->' in line:
                timestamp = line[:8]
                continue
            elif ':' in line:
                name, textstring = line.split(':', 1)
                name = name.strip()
                textstring = textstring.strip()
                if prev_name is not None and prev_name == name:
                    prev_textstring += " " + textstring
                else:
                    if prev_name is not None:
                        output.write(f"{timestamp}, {prev_name}, {prev_textstring}\n")
                    prev_name = name
                    prev_textstring = textstring
        # Write the last entry
        if prev_name is not None:
            output.write(f"{timestamp}, {prev_name}, {prev_textstring}\n")

extract_info("transcript.txt", "output.txt")
```



You

Explain how the code works



ChatGPT

Certainly! Let's go through the code step by step:

1. Reading the Input File:

- The program begins by opening the input file (``transcript.txt``) in read mode and reads all the lines into a list named ``lines``.

2. Processing Each Line:

- It iterates over each line in the ``lines`` list using a for loop.
- For each line:
 - It strips any leading or trailing whitespace using the ``strip()`` method.
 - If the line contains the ``-->`` substring, it is considered a timestamp line. The timestamp is extracted from this line.
 - If the line contains a colon (``:``), it is considered a line containing the name and textstring. The line is split at the colon, and the name and textstring parts are extracted.
 - If the name has changed from the previous record, it writes the previous record to the output file and resets the ``prev_textstring`` to the current ``textstring``.

```

def extract_info(input_file, output_file):
    with open(input_file, 'r') as file:
        lines = file.readlines()

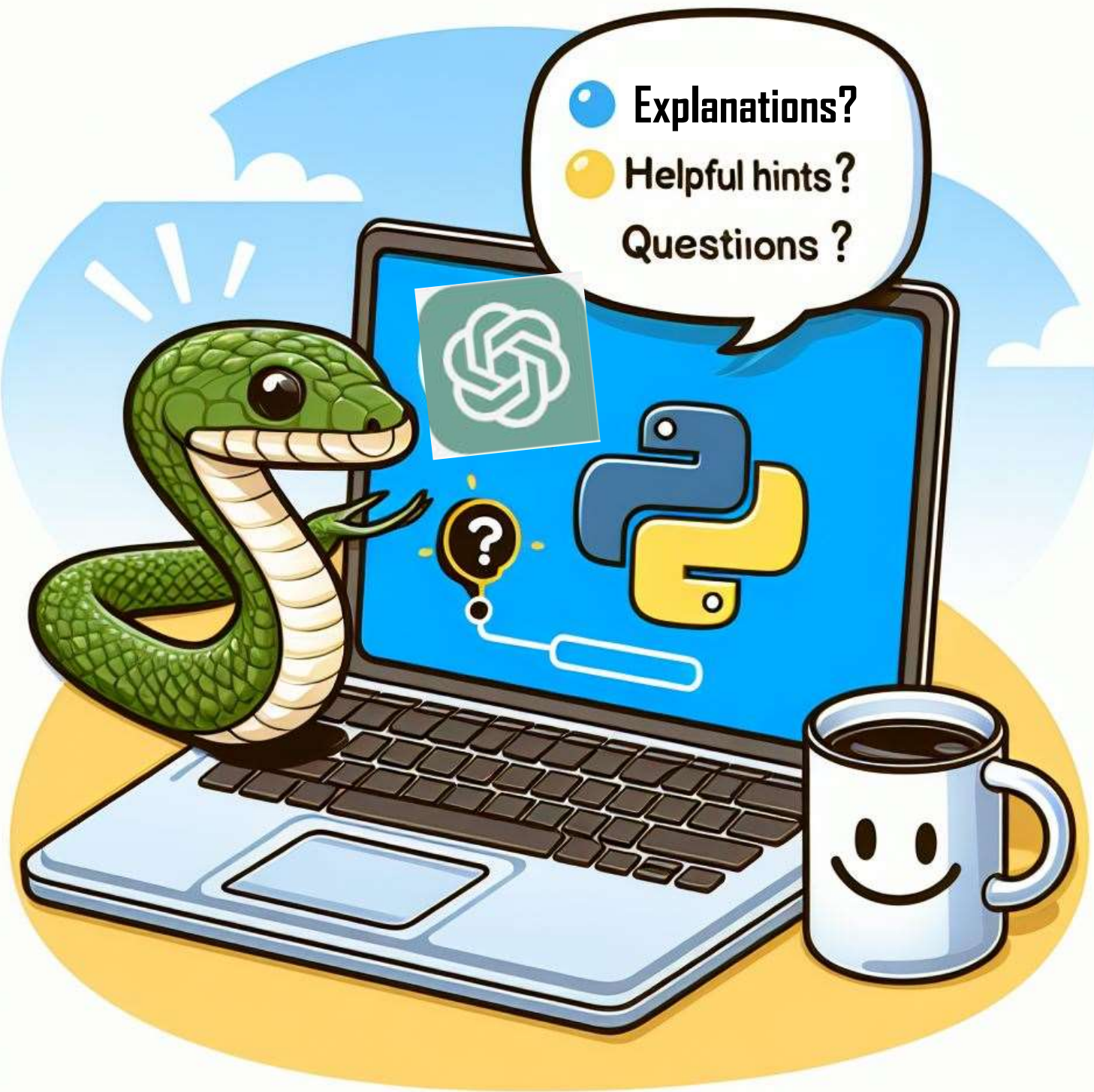
    with open(output_file, 'w') as output:
        prev_name = None
        prev_textstring = ""
        for line in lines:
            line = line.strip()
            if '-->' in line:
                timestamp = line[:8]
                continue
            elif ':' in line:
                name, textstring = line.split(':', 1)
                name = name.strip()
                textstring = textstring.strip()
                if prev_name is not None and prev_name == name:
                    prev_textstring += " " + textstring
                else:
                    if prev_name is not None:
                        output.write(f"{timestamp}. {prev_name}.

```

```
def extract_info(input_file, output_file):  
    with open(input_file, 'r') as file:  
        lines = file.readlines()  
  
    with open(output_file, 'w') as output:  
        prev_name = None  
        prev_textstring = ""  
        for line in lines:  
            line = line.strip()  
            if '-->' in line:  
                timestamp = line[:8]  
                continue  
            elif ':' in line:  
                name, textstring = line.split(':', 1)  
                name = name.strip()  
                textstring = textstring.strip()  
                if prev_name is not None and prev_name == name:  
                    prev_textstring += " " + textstring  
                else:  
                    if prev_name is not None:  
                        output.write(f"{timestamp}. {prev_name}.  
"
```

```
def extract_info(input_file, output_file):
    with open(input_file, 'r') as file:
        lines = file.readlines()

    with open(output_file, 'w') as output:
        prev_name = None
        prev_textstring = ""
        for line in lines:
            line = line.strip()
            if '-->' in line:
                timestamp = line[:8]
                continue
            elif ':' in line:
                name, textstring = line.split(':', 1)
                name = name.strip()
                textstring = textstring.strip()
                if prev_name is not None and prev_name == name:
                    prev_textstring += " " + textstring
                else:
                    if prev_name is not None:
                        output.write(f"{timestamp}. {prev_name}.
```



Importing Excel Data, into a Fillable PDF Form

- I would like to import Excel data into a PDF fillable form, rather than converting an Excel workbook into a fillable PDF form
- To be more precise, I am trying to import data from an Excel workbook into CRA's fillable form T5013



Government
of Canada

Gouvernement
du Canada

Forms and publications

Bob White



When in doubt, ask ChatGPT...



You

how can I transfer data from excel to a fillable PDF form automatically?



When in doubt, ask ChatGPT...



You

how can I transfer data from excel to a fillable PDF form automatically?



ChatGPT

To transfer data from an Excel spreadsheet to a fillable PDF form automatically, you can use a combination of software tools and scripts. Here's a general approach:

1. ****Create a Fillable PDF Form****: First, ensure that you have a fillable PDF form created using Adobe Acrobat or other PDF editing software.
2. ****Prepare Excel Spreadsheet****: Organize your data in the Excel spreadsheet so that each column corresponds to a field in the PDF form.
3. ****Use a Scripting Language or Tool****: You'll need a scripting language like Python or a tool like Adobe Acrobat JavaScript to automate the process. Python, with its libraries like PyPDF2 or ReportLab, can be used to read data from Excel and fill the PDF form fields programmatically.



When in doubt, ask ChatGPT...



You

how can I transfer data from excel to a fillable PDF form automatically?



ChatGPT

To transfer data from an Excel spreadsheet to a fillable PDF form automatically, you can use a combination of software tools and scripts. Here's a general approach:

1. ****Create a Fillable PDF Form****: First, ensure that you have a fillable PDF form created using Adobe Acrobat or other PDF editing software.
2. ****Prepare Excel Spreadsheet**** Organize your data in the Excel spreadsheet so that each column corresponds to a field in the PDF form.
3. ****Use a Scripting Language or Tool****: You'll need a scripting language like Python or a tool like Adobe Acrobat JavaScript to automate the process. Python, with its libraries like PyPDF2 or ReportLab, can be used to read data from Excel and fill the PDF form fields programmatically.



When in doubt, ask ChatGPT...



You

how can I transfer data from excel to a fillable PDF form automatically?



ChatGPT

To transfer data from an Excel spreadsheet to a fillable PDF form automatically, you can use a combination of software tools and scripts. Here's a general approach:

1. ****Create a Fillable PDF Form****: First, ensure that you have a fillable PDF form created using Adobe Acrobat or other PDF editing software.
2. ****Prepare Excel Spreadsheet****: Organize your data in the Excel spreadsheet so that each column corresponds to a field in the PDF form.
3. ****Use a Scripting Language or Tool****: You'll need a scripting language like Python or a tool like Adobe Acrobat JavaScript to automate the process. Python, with its libraries like PyPDF2 or ReportLab, can be used to read data from Excel and fill the PDF form fields programmatically.

OPCUG Treasurer
at income tax time





Canada Revenue
Agency

Agence du revenu
du Canada

Clear Data

Schedule 1 S

Code 1901

Net Income (Loss) for Income Tax Purposes

Protected B when completed

Corporation's name

Business number

Year

Tax year-end
Month

Day

Use this schedule to reconcile the corporation's net income (loss) as reported on the financial statements with its net income (loss) for tax purposes. For more information, see guide T4012, T2 Corporation – Income Tax Guide.

- All legislative references are to the Income Tax Act.

Net income (loss) after taxes and extraordinary items from line 9999 of Schedule 125 A

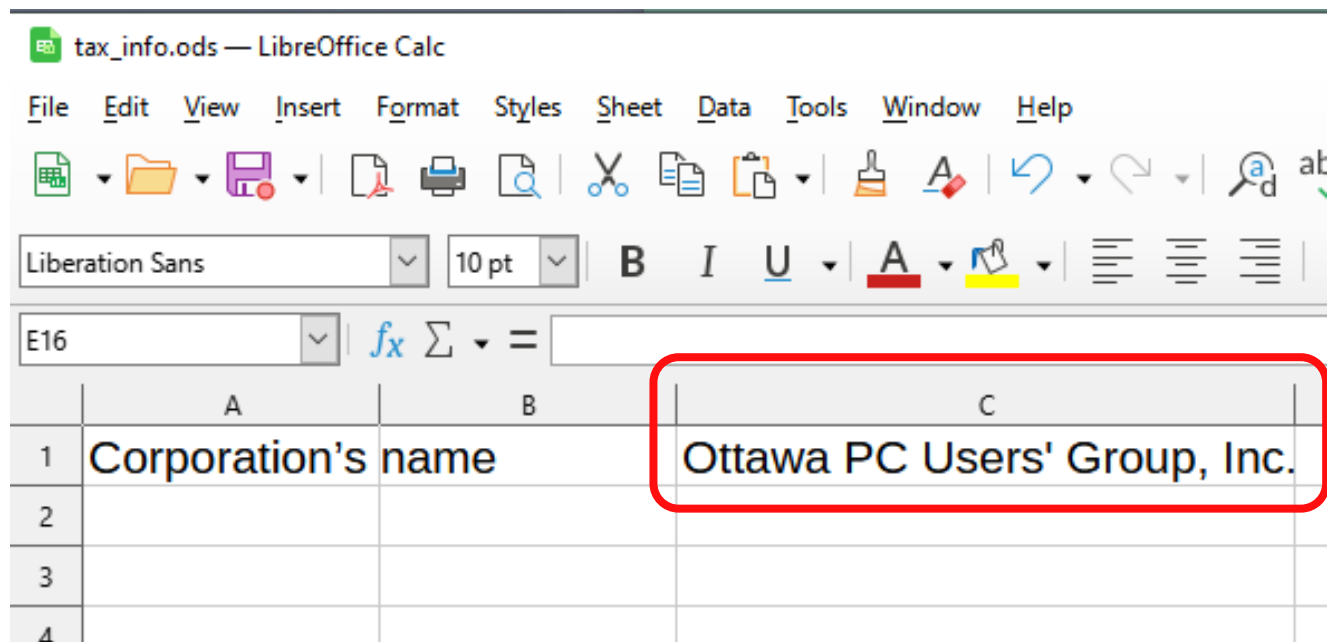
Add:

Provision for income taxes – current	101	_____
Provision for income taxes – deferred	102	_____
Amortization of tangible assets	104	_____
Amortization of intangible assets	106	_____
Recapture of capital cost allowance from Schedule 8	107	_____
Loss on disposal of assets	111	_____
Charitable donations and gifts from Schedule 2	112	_____
Taxable capital gains from Schedule 6	113	_____
Depreciation in inventory – end of year	117	_____
Non-deductible meals and entertainment expenses	121	_____
Other reserves on lines 270 and 275 from Schedule 13	125	_____
Income or loss for tax purposes – partnerships	129	_____
Income or loss for tax purposes – joint ventures	132	_____

Other additions (If you need more space, attach additional schedules):

Description	Amount
605	295

Write a python program to copy the contents of Cell C1 from the file tax_info.ods to the Corporation's name field in file t2short-fill-19e.pdf





You

write a python program to copy the contents of Cell C1 from the file tax_info.ods to the Corporation's name field in file t2short-fill-19e.pdf



ChatGPT

To achieve this task, you can use Python libraries such as `pyexcel` for handling ODS files and `PyPDF2` for working with PDF files. Before proceeding, ensure you have these libraries installed (`pyexcel`, `pyexcel-ods` for ODS files, and `PyPDF2`). You can install them via pip if you haven't already:

bash

Copy code

```
pip install pyexcel pyexcel-ods3 PyPDF2
```

Here's a Python program to accomplish the task:

python

Copy code

```
import pyexcel
import PyPDF2

def copy_content_from_ods_to_pdf(ods_file, pdf_file, cell_address, page_number, output_file):
    # Load ODS file
    ods_data = pyexcel.get_sheet(file_name=ods_file)
    content_to_copy = ods_data[cell_address]
```




You

Traceback (most recent call last):

File `"/media/DataDisk/alan/opcug/finances_2023/fill_T2pdf.py"`, line 32, in `<module>`

`copy_content_from_ods_to_pdf(ods_file, pdf_file, cell_address, page_number, output_file)`

File `"/media/DataDisk/alan/opcug/finances_2023/fill_T2pdf.py"`, line 11, in

`copy_content_from_ods_to_pdf`

`pdf_reader = PyPDF2.PdfFileReader(pdf_input)`

File `"/home/toaster/.local/lib/python3.10/site-packages/PyPDF2/_reader.py"`, line 1974, in `__init__`

`deprecation_with_replacement("PdfFileReader", "PdfReader", "3.0.0")`

File `"/home/toaster/.local/lib/python3.10/site-packages/PyPDF2/_utils.py"`, line 369, in

`deprecation_with_replacement`

`deprecation(DEPR_MSG_HAPPENED.format(old_name, removed_in, new_name))`

File `"/home/toaster/.local/lib/python3.10/site-packages/PyPDF2/_utils.py"`, line 351, in

`deprecation`

`raise DeprecationError(msg)`

`PyPDF2.errors.DeprecationError: PdfFileReader is deprecated and was removed in PyPDF2 3.0.0.`

Use PdfReader instead.



ChatGPT

The error message indicates that `PdfFileReader` is deprecated and removed in PyPDF2 version 3.0.0. You should use `PdfReader` instead. Let me update the script accordingly:

python

Copy code

```
import pyexcel
from PyPDF2 import PdfReader, PdfWriter

def copy_content_from_ods_to_pdf(ods_file, pdf_file, cell_address, page_number, output):
    # Load ODS file
    ods_data = pyexcel.get_sheet(file_name=ods_file)
    content_to_copy = ods_data[cell_address]

    # Load PDF file
    with open(pdf_file, 'rb') as pdf_input:
        pdf_reader = PdfReader(pdf_input)
```

Fourteen revisions!

- `PyPDF2.errors.DependencyError`: `PyCryptodome` is required for AES algorithm
- `AttributeError`: `'PdfWriter'` object has no attribute `'add_form'`. Did you mean: `'add_uri'`?
- `TypeError`: `'IndirectObject'` object does not support item assignment
- The fields in `output.pdf` are blank
- The fillable fields start on page 2 of the PDF file. The code is overwriting page 1 and removing all subsequent pages from the PDF file
- `output.pdf` has not changed

But, eventually...



Canada Revenue
Agency



Agence du revenu
du Canada

Clear Data

Schedule 1 S
Code 1901

Protected B when completed

Net Income (Loss) for Income Tax Purposes

Corporation's name
Ottawa PC Users' Group, Inc.

Business number

Year

Tax year-end
Month

Day

- Use this schedule to reconcile the corporation's net income (loss) as reported on the financial statements with its net income (loss) for tax purposes. For more information, see guide T4012, T2 Corporation – Income Tax Guide.
- All legislative references are to the Income Tax Act.

Net income (loss) after taxes and extraordinary items from line 9999 of Schedule 125 A

Add:

Provision for income taxes – current 101

Provision for income taxes – deferred 102

Amortization of tangible assets 104

Amortization of intangible assets 106

Recapture of capital cost allowance from Schedule 8 107

Loss on disposal of assets 111



You

That works. Thank you!



ChatGPT

You're welcome! I'm glad to hear that it works. If you have any more questions or need further assistance with anything else, feel free to ask. Happy coding!



Share

Dell SupportAssist



- Some Dell clients had sluggish computer performance
- Checked *Reliability Monitor*
 - several items with *Windows Installer reconfigured the product*
 - most cases — well over 100 instances recorded and entries continue to repeat
- Uninstalling all *SupportAssist* apps and restarting computer resolved issue
- *Reliability Monitor* can be accessed by
 - pressing  
 - type *perfmon/rel*
 - click *OK* button

Automatic Dialing

- In the good old days of DOS, I used a program called *EasyDial* which used the modem to dial telephone numbers
- It relied on the Hayes AT command set so I could easily put pauses between numbers
- From the office, to call 613-555-5555 ext 145 I first had to enter 9 for an outside line, then the ten numbers, then the 145 extension

AT - Gets the modem's attention. This prefix must be included in all commands unless otherwise noted.

Dn - Dials the number, *n*. T - Touch-tone dialing, P - Pulse dialing, , - pause 2 seconds, @ - Wait for 5 seconds of silence

Jeff Dubois

- Using EasyDial, I simply put the person's name in the directory and added the corresponding number as 9,,6135555555,,145
- The modem would then dial the number for me
- The comma was used to set a specific time delay
- The program sent the entry to the modem after the ATDT command

ATDT 9,,6135555555,145



- I'm not sure how many people know that **this old method still works on cell phones**
- Of course, with a cellular phone, you don't have to enter 9 for the outside line so the 9, in the string is not used
- To call your buddy at 613-555-5555 ext 145, you need only put 6135555555,145 in your cell phone's contact list
- Your phone will take care of the rest!





Copying info from Google Sheets to Google Docs

- Trying to copy cells
 - from a Google Sheets spreadsheet
 - to a Google Docs document
- Googled for help
 - Google Sheets – load the file
 - Ctrl-A twice to select the entire file
 - *edit > copy*
 - Google Docs – start a new file
 - *edit > paste*
- The screen freezes



Ctrl-A twice a problem

- In testing, Ctrl-A twice seems to be the issue
 - and in all likelihood **not** something you want anyways!
 - Ctrl-A twice selects every cell
 - **which can be up to 10 million cells**
 - it may actually work...
 - if you wait long enough...
 - I didn't have the patience to try
- What is probably wanted: just the cells containing data
 - select cells containing required data
 - copy from Sheets and paste into Docs
 - works



Clarification...

- Formatting in SHEETS (center alignment etc) lost in the transition
 - able to adjust them myself, except
 - would like to format phone numbers automatically to insert the dashes in 000-000-0000
 - feature does not seem to be available in DOCs
 - option to lock in the top line and the left line, say, when scrolling up or down was also gone
- Trying to get a spreadsheet that will then be able to be updated by various users by sharing it
- Can I use SHEETS as a shared file instead?



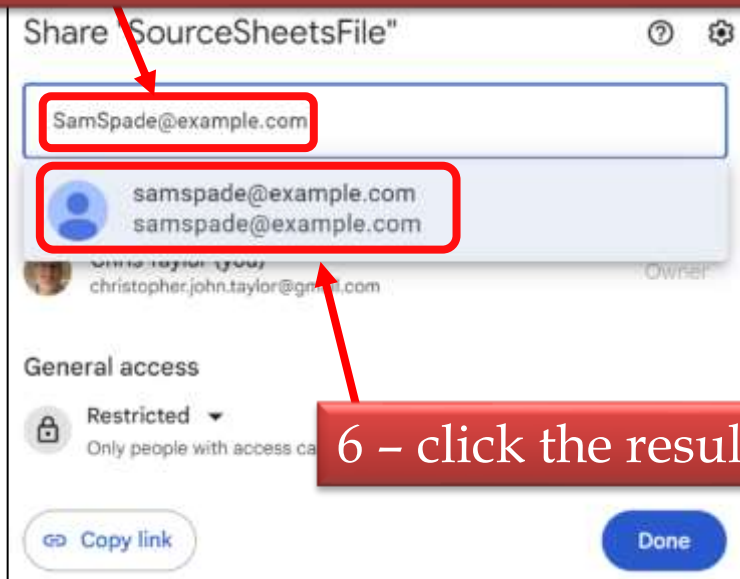
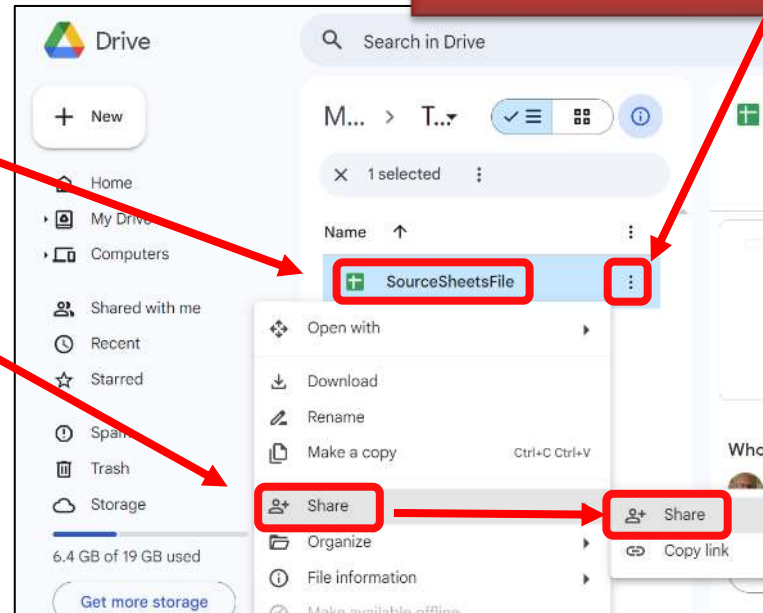
To share a Google Sheets file

1 - browse to drive.google.com
2 - find your file

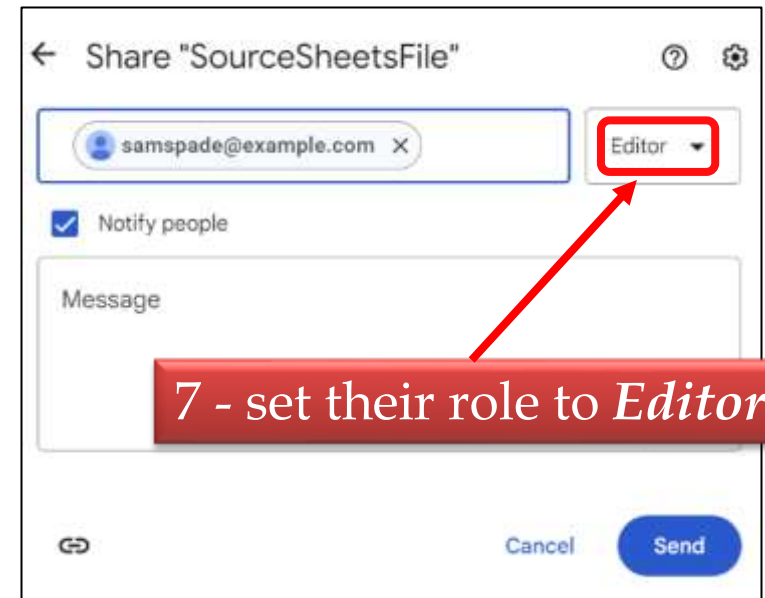
3 - click kebab menu (3 dots)

4 - select *Share* > *Share*

5 - in the Share "*filename*" box enter Google Account for people you want to edit the file



6 - click the results box



7 - set their role to *Editor*



Simultaneous editing

- All with role *Editor* able to edit the file simultaneously
 - if you are editing the file and someone else is also editing the file
 - each of you will see cell highlighting where the other person is currently so you can avoid modifying the same cell at the same time



Weekly Grocery Prices

Loonie Links

- Every week, on Wednesday mornings, Donovan Burey gets up around 5:00 am to review all the grocery store flyers
- He highlights the best deals and posts them on Reddit.



crimsontape
u/crimsontape

 Collection

<https://www.reddit.com/user/crimsontape/>

Bob Herres

Why not just Flipp?

- I like *Flipp*, both the website and the phone app



- But, with all the choices, sizes, etc. it's easy to miss the best deals...

- So, link to the weekly Reddit list - usually about 9:00 am on Wednesday Morning

<https://www.reddit.com/user/crimsontape/>

- Later in the week, you may have to scroll down past other posts

Click on the post's title to expand the text

 r/ottawa • 47 min. ago Join ...

This week's grocery review - Sales for Feb 22th to Feb 29nd - Lots of B-Sales - beef, bacon, berries! Lots of great produce deals across town, too!

(As always, flyers are out Wednesdays, most store sales for the new flyer start on Thursdays)

Adonis

- Chicken breast (boneless skinless) - \$5.49 per lb -- Not bad, we've seen lower but it's still a reasonable enough price.
- Beef cubes - \$6.99 per lb -- Decent enough for beef cube, but you can often enough snag it for a little less. (This is foreshadowing)...

 8   3  Share



r/ottawa • 50 min. ago
crimsontape

...

This week's grocery review - Sales for Feb 22th to Feb 29nd - Lots of B-Sales - beef, bacon, berries! Lots of great produce deals across town, too!

(As always, flyers are out Wednesdays, most store sales for the new flyer start on Thursdays)

Adonis

- Chicken breast (boneless skinless) - \$5.49 per lb -- Not bad, we've seen lower but it's still a reasonable enough price.
- Beef cubes - \$6.99 per lb -- Decent enough for beef cube, but you can often enough snag it for a little less. (This is foreshadowing)
- Rainbow Trout and Sea Bream - \$7.99 per lb -- Whole fish with the free cleaning. Doesn't mention if it's thawed or fresh, however. Might have to ask the folks at the counter.
- Mullet (fresh) - \$3.99 per lb -- These are smaller fish. I wonder how I might prep this...
- Wild Alaskan Pollock (thawed) - \$4.99 per lb -- Close to cod, it's apparently a nice fish for battering and deep frying.
- Red Tilapia (frozen, I think) - \$4.99 per lb -- Interesting item at a decent price. I've worked with this ingredient before. There's a lot of flavour to be had using the whole fish.
- Tiger shrimp - \$13.99 per lb -- It's a bit of a treat, but these are nice shrimp. And it seems expensive, but it's per lb. Most bags of frozen shrimp are 3/4lb bags.
- Cooked frozen shrimp (Blue Tide) - \$16.99 907g bag -- These are rather tiny. Good for a number

Share

Test ad/tracker blockers

- Cool site that has a huge number of ads and trackers
- Let's you know which were blocked in your browser

<https://d3ward.github.io/toolz/adblock.html>

Share

What's tested?

Ad Scripts Loading

ads.js

pag

Ads

Amazon

- adtago.s3.amazonaws.com
- analyticsengine.s3.amazonaws.com
- analytics.s3.amazonaws.com
- advice-ads.s3.amazonaws.com
- advertising-api-eu.amazonaws.com

DoubleClick.net

- stats.g.doubleclick.net
- ad.doubleclick.net
- static.doubleclick.net
- m.doubleclick.net
- mediavisor.doubleclick.net

Media.net

Error Trackers

Bugsnag

- notify.bugsnag.com
- sessions.bugsnag.com
- api.bugsnag.com
- app.bugsnag.com

Sentry

- browser.sentry-cdn.com
- app.getsentry.com

Social Trackers

Facebook

- pixel.facebook.com
- an.facebook.com

Twitter

- static.ads-twitter.com
- ads-api.twitter.com

Mix

Yahoo

- ads.yahoo.com
- analytics.yahoo.com
- geo.yahoo.com
- udcm.yahoo.com
- udcm.yahoo.com
- advertising.yahoo.com
- analytics.query.yahoo.com
- partnerads.ym.yahoo.com
- log.fc.yahoo.com
- gemin.yahoo.com
- adtech.yahooinc.com

Unity

- auction.unityads.unity3d.com
- webview.unityads.unity3d.com
- config.unityads.unity3d.com
- adserver.unityads.unity3d.com

Analytics

Google Analytics

- analytics.google.com
- click.googleanalytics.com
- google-analytics.com
- ml.google-analytics.com

Hotjar

- adm.hotjar.com
- identify.hotjar.com
- insights.hotjar.com
- script.hotjar.com
- surveys.hotjar.com
- sansons.hotjar.com
- events.hotjar.io

Marketo

- freshmarketo.com
- clarity.freshmarketo.com
- freshmarketo.com

OEMs

Realme

- iot-eu-logger.realme.com
- iot-logger.realme.com
- bdapi-ads.realmemobile.com
- bdapi-in-ads.realmemobile.com

Oppo

- ads.oppomobile.com
- ad.oppomobile.com
- ck.oppomobile.com
- data.oppomobile.com

OnePlus

- click.oneplus.cn
- open.oneplus.net

Apple

- advertising.apple.com
- iadsk.apple.com
- metrics.icloud.com
- metrics.mzstatic.com
- api-adservices.apple.com
- books-analytics-events.apple.com
- weather-analytics-events.apple.com
- notes-analytics-events.apple.com

Huawei

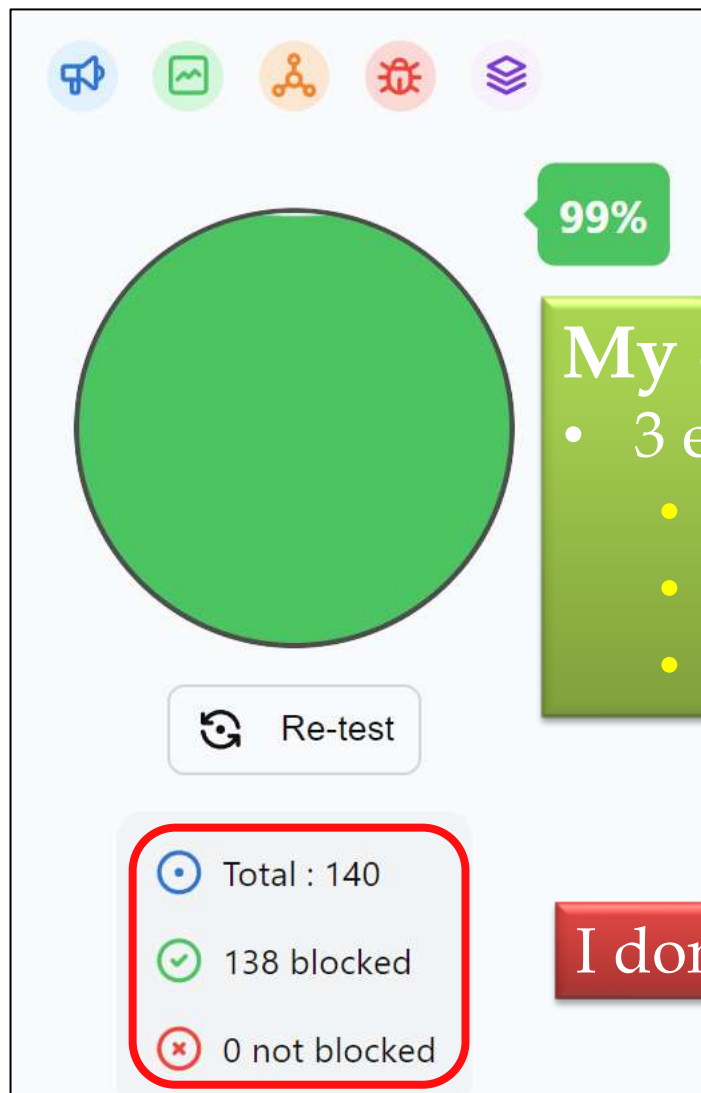
- metrics.data.hicloud.com
- metrics2.data.hicloud.com
- grs.hicloud.com
- logservice.hicloud.com
- logservice1.hicloud.com
- logbak.hicloud.com

Samsung

- samsungads.com
- smetrics.samsung.com
- nmetrics.samsung.com
- samsung-com.112.2o7.net
- analytics-api.samsunghealthcn.com

Share

Google Chrome



My default

- 3 extensions that could be blocking ads/trackers
 - Avast Online Security & Privacy
 - Malwarebytes Browser Guard
 - uBlock Origin

I don't understand their arithmetic

Share

Google Chrome—1 extension

• Total : 140
• 4 blocked
• 136 not blocked

Avast Online Security & Privacy

- clearly not blocking ads/trackers
- could be doing other useful things

• Total : 140
• 135 blocked
• 3 not blocked

Malwarebytes Browser Guard

- very good at blocking ads/trackers

• Total : 140
• 140 blocked
• 0 not blocked

uBlock Origin

- excellent at blocking ads/trackers

Even though I don't understand their arithmetic

- an interesting & useful test



**Any other:
Questions
Comments
Shares?**



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

