

Advanced Data Journalism

Part II: Unstructured Data

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First, we review.

And do some exercises, because
watching is so so boring.

Can I put this into ChatGPT and ask questions about it?

REZULTATET E OFERTAVE - AKP SHITJA PERMES LIKUIDIMIT 36

Tabela

Nr.	Njësitë	AKP ID	Çmimi më i Lartë	Ofertuesi	Çmimi
1	Njësia nr.01: Kualiteti Lokali në Gjilan	GJI005	€34,500	L125	€34,500
2	Njësia nr.02: Kualiteti Lokali në Kamenicë	GJI005	€63,555	L50	€63,555
3	Njësia nr.03: Pasuria Bujqësore Toka në Slivovë (Lot A)	GJI011	€31,401	L80	€31,401
4	Njësia nr.04: Pasuria Bujqësore Toka në Kosinë (Lot B)	GJI011	€0	0	€0
5	Njësia nr.05: KB Morava Toka në Livoç të ulët (Lot A)	GJI018	€113,334	L124	€113,334
6	Njësia nr.07: NTSh Sharr Depoja në Kaçanik	GJI105	€32,121	L70	€32,121
7	Njësia nr.08: KB Luboteni Toka dhe Objekti	GJI153	€487,350	L85	€487,350
8	Njësia nr.09: Agrokultura Toka në Gjilan (Lot J)	GJI004	€6,100	L95	€6,100
9	Njësia nr.10: Pasuria Bujqësore Toka në Rahovicë (Lot C)	GJI011	€0	0	€0
10	Njësia nr.11: Pasuria Bujqësore Toka në Pojatë (Lot A)	GJI011	€18,200	L78	€18,200
11	Njësia nr.12: KB Zhegra Toka në Lladovë (Lot B)	GJI024	€0	0	€0
12	Njësia nr.13: Agromorava Toka në Pozharan (Lot D)	GJI035	€31,111	L81	€31,111
13	Njësia nr.14: Agromorava Toka në Gushicë (Lot A)	GJI035	€0	0	€0
14	Njësia nr.16: Agrokultura Toka në Gjilan (Lot M)	GJI004	€21,600	L96	€21,600
15	Njësia nr.17: NSH Produkti Tokë në Dashevc	MIT008	€0	0	€0
16	Njësia nr.18: KB Glogovci Parcela 00281-0	PRN165	€81,750	L126	€81,750
17	Njësia nr.19: NSH LUX Lokali "Kosovka"	MIT039	€191,000	L15	€191,000
18	Njësia nr.20: NSH LUX Lokali "Elegant"	MIT039	€108,000	L16	€108,000
19	Njësia nr.21: NSH LUX Lokali "Treshnja"	MIT039	€0	0	€0
20	Njësia nr.22: NSH LUX Lokali "Lovac"	MIT039	€14,395	L09	€14,395
21	Njësia nr.23: Konfeksioni Rashka Lokali në Mitrovicë	MIT141	€148,888	L52	€148,888
22	Njësia nr.24: NSH Produkti Tokë në Polac i Vjetër	MIT008	€0	0	€0
23	Njësia nr.25: Agrokultura Furra e Vjetër në Stantërg	MIT002	€0	0	€0
24	Njësia nr.26: Produkti Tokë në Bajë	MIT008	€0	0	€0
25	Njësia nr.27: Produkti Tokë në Suhogërrillë	MIT008	€0	0	€0
26	Njësia nr.28: Produkti Tokë në Kllodërmicë	MIT008	€0	0	€0
27	Njësia nr.29: Produkti Tokë në Obri e Poshtme	MIT008	€0	0	€0
28	Njësia nr.30: Elan Parcela 205 ZK Beçuk	MIT012	€0	0	€0
29	Njësia nr.31: Elan Parcela 761 ZK Zhilivodë	MIT012	€0	0	€0
30	Njësia nr.32: Elan Parcela 114-1 ZK Stanovc i Epërm/Përronaj	MIT012	€0	0	€0
31	Njësia nr.33: Elan Parcelat 1041-0 dhe 1045-0 ZK Dumnicë e LLugës/Mesme	MIT012	€0	0	€0
32	Njësia nr.34: Elan Parcela 1041-0 ZK Lëpa e Lëpa	MIT012	€0	0	€0

Can I put this into ChatGPT and ask questions about it?

✖ cheating.csv

Date/Time of Incident	Conduct Charges	Course
8/3/2021	Plagiarism	English 472/Shakespeare Su
9/30/2021	Cheating, Plagiarism	Exercise, Sport and Health E
9/30/2021	Plagiarism	English 111-74-Principles of
9/30/2021	Plagiarism	English 111-74-Principles of
9/30/2021	Plagiarism	English 111-761 Principles of
10/11/2021	Cheating, Plagiarism	Anthropological Sciences
10/11/2021	Cheating, Plagiarism	Anthropological Sciences
10/11/2021	Cheating, Plagiarism	Anthropological Sciences
10/13/2021	Cheating	Health Communication and C
10/13/2021	Cheating	Health Communication and C
10/15/2021	Facilitation	Communication
10/15/2021	Plagiarism	Communication
10/15/2021	Cheating	Principles of Marketing/Market
10/15/2021	Facilitation	Communication
10/16/2021	Cheating	English 200: Literary Texts a
10/18/2021	Plagiarism	Biology 232/01--Organismal
10/19/2021	Cheating	Introductory Psychology/Psy
10/19/2021	Cheating	Introductory Psychology/Psy

What Python tool do you (and ChatGPT) use to analyze data?



A close-up photograph of a giant panda's face, showing its white fur, black patches around its eyes, and mouth. It is holding a piece of green bamboo in its front paws and is in the process of eating it. The background consists of dark, textured tree bark.

```
df = pd.read_csv("procurement-results.csv")
df.head()
```

	filename	winner	description	postal address	city	country
0	b08_njoftim_per_dhenje_te_kontrates (619).pdf	KUVENDI I KOMUNES SE PRISHTINES		Adresa Postare: TREPQES NR.2	PRISHTINË	Kosovë
1	b08_njoftim_per_dhenje_te_kontrates (58).pdf	KUVENDI I KOMUNES SE PRISHTINES	" Sanimi dhe asfaltimi i rrugës Fehmi Lladrovci...	Adresa Postare: TREPQES NR.2	PRISHTINË	Kosovë 59
2	b08_njoftim_per_dhenje_te_kontrates_1 (220).pdf	KUVENDI I KOMUNES SE PRISHTINES	Ndertimi i rruges ne Grashitice- Pune shtese	Adresa Postare: TREPQES NR.2	PRISHTINË	Kosovë 4,
3	b08_njoftim_per_d...	KUVENDI I	Shërbimi			

Did we set up Python on our own computer?

The screenshot shows a Google Colab interface. At the top, the URL bar displays "colab.research.google.com". The main title is "Making the Most of your Colab Subscription". A sidebar on the left lists "Recent", "Google Drive", "GitHub", and "Upload" sections. A modal window titled "Open notebook" is open, showing a list of recent notebooks. The "Recent" section is highlighted with a blue border. The list includes:

Title	Last opened	First opened
Making the Most of your Colab Subscription	7:23 AM	Feb 5, 2021
Untitled40.ipynb	6:42 AM	6:42 AM
Untitled39.ipynb	6:36 AM	6:36 AM
Untitled38.ipynb	August 26	August 26
02-bids.ipynb	August 26	August 26
01-pandas.ipynb	August 26	August 26
Reveal Mortgage Analysis - Logistic Reares...	August 26	August 26

At the bottom of the modal, there is a "Cancel" button.

In the bottom right corner of the main workspace, there is a snippet of Python code:

```
print('Not connected to a GPU')
else:
```

Why should you probably not pay a subscription fee for transcription software?

The screenshot shows a web browser window for the OpenAI website, specifically the page for introducing Whisper. The URL in the address bar is openai.com/index/whisper/. The page title is "Introducing Whisper | OpenAI". On the left, there's a sidebar with links to Research, Safety, For Business, For Developers, ChatGPT, Sora, Stories, Company, and News. The main content area features a large heading "Introducing Whisper" with a timestamp "September 21, 2022 Release". Below the heading are buttons for "Read paper ↗", "View code ↗", and "View model card ↗". A play button and a duration of "2:14" indicate a video player. There's also a "Share" button. Further down, there's a section titled "Whisper examples:" with a play button and a waveform visualization, and a "Reveal transcript" button. At the bottom, a note states: "Whisper is an automatic speech recognition (ASR) system trained on multilingual and multitask supervised data collected from the web." There are also "Ask ChatGPT" and a circular arrow icon.

An exercise

Use yt-dlp and Whisper and Python and Google Colab to download and transcribe a short YouTube video.

'Documented' Examined Hundreds of Videos in Different Languages

Author:



Lam Thuy Vo
GRANTEE

Once we had a handful of accounts we wanted to examine further, we opened their profiles on a web browser, scrolled through the page until no more videos were loaded and downloaded the HTML page. We wrote a Python scraper to each account's video urls. yt-dlp, we then downloaded each video, its meta-data and archived them on a local drive (special thanks to Matt at *The Washington Post* and Bellingcat for creating that library).

Transcription

Transcribing hundreds of YouTube videos can be tough, since going through them could take a long time. To help cut down some of the work and also give us an approximate understanding of the work we're looking at, we decided to auto-transcribe the videos we had downloaded using the open-source version of Whisper. This transcription speech recognition model, published by Open AI, is available in various languages. The performance of the model varied from language to language: We tested the library in two languages, Vietnamese and English. While the English version had some issues, it was able to correctly transcribe most of the Vietnamese content.

[Translate page with Google](#)

Adv Data Journalism II: Unstructured Data

Scraping web sites and unstructured data

Making the best of data from the internet and bad, ugly data from PDFs

Links:

- [Easy Scraper \(modified\)](#) Chrome extension for scraping – modified by me to work with Python
- [Procurement contracts](#)
- [Bid document listing](#) (in Albanian, because it has more than the English version)
- [Outdoor ads as monuments, sculptures, stunts, installations, statues](#) Scrape the monument's Wikipedia page
- [Motrix](#) A great app for downloading things
- [Bulk PDF Downloader](#) Chrome extension for downloading all of the PDFs on a page
- [yt-dlp](#) A Python library for downloading videos on the internet
- [Whisper](#) A Python library for transcribing audio and video
- [Stacher](#) A tool for downloading YouTube videos without code
- [Misinformation on TikTok](#) How 'Documented' Examined Hundreds of posts

<https://bit.ly/birn-2025-data>

Use yt-dlp and Whisper and Python and Google Colab to download and transcribe a short YouTube video.

Scraping web sites and unstructured data

Table of Contents

- [Useful Links](#)
- [Intro](#)
- [Using NotebookLM](#)
- [Using Easy Scraper](#)
- [Running code in Colab](#)
- [Exercises](#)

Do I have to be a
programmer to
analyze data with
AI?

Claude for Sheets examples (BIRN 2025) Saved to Drive

A1 | URL | content | summary

	A	B	C
1	URL	content	summary
1	https://www.nytimes.com/2024/04/17/us/politics/senate-impeachment-charges-against-mayorkas.html	Senate Dismisses Impeachment Charges Against Mayorkas Without a Trial Democrats quickly swept aside the articles of impeachment accusing the homeland security secretary of refusing to enforce immigration laws and breach of public trust, calling them unconstitutional.	
2		The Senate on Wednesday dismissed the impeachment case against Alejandro N. Mayorkas, the homeland security secretary, voting along party lines before his trial got underway to sweep aside two charges accusing him	
3	https://www.washingtonpost.com/national-security/defying-niger-exit-order-leaves-u-s-troops-vulnerable-whistleblower-says	Defying Niger exit order leaves U.S. troops vulnerable, whistleblower says Deployed Americans are in limbo, unable to do their jobs or go home while State Department seeks to extend military presence, complaint contends	
4		A senior U.S. Air Force leader deployed in Niger is raising an alarm over the Biden administration's reluctance to heed an eviction notice from the military junta that last year overthrew the West African nation's democratically elected government.	
5	https://www.washingtonpost.com/sports/2024/04/17/jake-irvin-delivers-as-nationals-beat-dodgers-again-to	Jake Irvin delivers as Nationals beat Dodgers again to	

An exercise

Let's do this
ourselves.

AI Do's and Don't

AI Do's and Don'ts

How can AI help with newsroom tasks?

📦 Data: [ai-dos-and-donts-data.zip](#)

📄 Slides: [birn-ai-dos-donts.pdf](#)

Links:

- [Pristina procurement contract award notices](#) A big long list, in Albanian
- [NotebookLM](#) The best possible conversation partner for large numbers

- [Claude for Sheets](#) Extension to use AI in Google Sheets
 - [Claude for Sheets example spreadsheet](#)
 - [Anthropic console](#) Where to get a Claude API key
- [Claude for Sheets example spreadsheet](#)
 - [Anthropic console](#) Where to get a Claude API key



Can you discriminate against poor people as a landlord?

The screenshot shows a web browser window for the MyCity Chatbot Beta. The address bar displays "chat.nyc.gov". The page header includes the NYC MyCity logo and the text "Official website of the City of New York". A top navigation bar features a star icon, a red square with a white number "3", a blue square with a white number "7", and a "Select" button.

MyCity Chatbot Beta

We are continuously working to improve the MyCity Chatbot, which uses business-related NYC agency AI to answer your questions. Your feedback is invaluable for refinement.

Example Questions

- "How do I avoid noise violations and complaints for my construction company?"
- "What information can you help me with?"
- "How do I apply for the MWBE program?"

Capabilities

- Trained to provide you with official NYC Business information.
- Will not use the contents of your chat history to learn new information.
- Responds to languages required by Local Law 30.

Limitations

- May occasionally produce incorrect, harmful or biased responses.
- Limited knowledge of topics beyond NYC Business topics.
- Trained to decline inappropriate requests.

© 2024 City of New York. All Rights Reserved.

Ask MyCity Chatbot business-related questions only

IMPORTANT: Responses may occasionally produce inaccurate or incomplete content. Validate answers on NYC.gov and MyCity.

[Terms of Use](#) [Privacy Policy](#)

An exercise

Let's do this
ourselves.

Scraping web sites and unstru

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- [Exercises](#)



Download files:  [scraping-web-data.zip](#)

When all you have is a
hammer everything looks
like a nail.

but there are many things that can be
solved with a Python hammer.

0C8EE446-2572-487E-9190-DA2E41B49247.pdf	Nov 2, 2017 at 10:07 AM	502 KB PDF Document
0D8822D5-8E33-4601-80C6-4DA76323384A.pdf	Jul 23, 2025 at 2:12 PM	309 KB PDF Document
1E15DB7F-47E6-4A49-9B37-0B56BDC0308E.pdf	May 8, 2019 at 3:56 PM	599 KB PDF Document
2B8B3DD2-7A05-436F-B676-3ED255C7F788.pdf	May 28, 2025 at 1:50 PM	181 KB PDF Document
2F551774-A6CF-4DA4-94C1-8421BB412E8A.pdf	Nov 2, 2017 at 10:07 AM	86 KB PDF Document
3E175E76-4F07-4C37-BF67-C310251C5239.pdf	Aug 21, 2019 at 3:34 PM	55 KB PDF Document
4B177C46-2CAF-4F17-8F1C-81ADA9F2EA3E.pdf	Jan 1, 2019 at 9:40 AM	603 KB PDF Document
5AD5D3DE-5EA7-41AB-AAA9-4210CAA97590.pdf	Nov 2, 2017 at 10:07 AM	107 KB PDF Document
5AE7104C-8724-490E-907B-871BD6A11C7F.pdf	Apr 2, 2025 at 10:00 PM	
6B7EFF38-0A3E-43F9-BF89-A817E26CE859.pdf	Nov 2, 2017 at 10:07 AM	
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6D945485-6F65-4925-9374-91B2C70A64E7.pdf	Oct 2, 2025 at 10:00 PM	
7A770171-5E96-4F8C-991B-A601DE0F40DD.pdf	Mar 2, 2025 at 10:00 PM	
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9E70B6EF-4DB2-4544-8871-5B38CA828E80.pdf	Nov 2, 2017 at 10:07 AM	
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38C3475F-3D0E-4B56-A90B-1B83EB53CBD2.pdf	Nov 2, 2017 at 10:07 AM	
052C52EF-7825-4C97-A14E-27554DD1938C.pdf	Nov 2, 2017 at 10:07 AM	
62B523FB-5DF9-478C-97DE-6007F70A8476.pdf	Nov 2, 2017 at 10:07 AM	
64D0BF1C-B88C-410C-BD57-F5167AEE6BBE.pdf	Nov 2, 2017 at 10:07 AM	
73C02FA3-EAA1-4403-AE64-97166333FA6F.pdf	Nov 2, 2017 at 10:07 AM	
73C8C800-7E8E-48DD-A558-85E621A0129F.pdf	Nov 2, 2017 at 10:07 AM	
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b08_njoftim_per_dhenje_...(212).pdf	Nov 2, 2017 at 10:07 AM	
b08_njoftim_per_dhenje_...(213).pdf	Nov 2, 2017 at 10:07 AM	
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b08_njoftim_per_dhenje_...(284).pdf	Nov 2, 2017 at 10:07 AM	
b08_njoftim_per_dhenje_...(287).pdf	Nov 2, 2017 at 10:07 AM	
b08_njoftim_per_dhenje_...(295).pdf	Nov 2, 2017 at 10:07 AM	
b08_njoftim_per_dhenje_...(307).pdf	Nov 2, 2017 at 10:07 AM	
b08_njoftim_per_dhenje_...(308).pdf	Nov 2, 2017 at 10:07 AM	

Prishtina Online - Njoftim për +

prishtinaonline.com/prokurimi/njoftim-per-dhenjen-e-kontrates

SVG Crowbar SVG Crowbar SVG Crowbar Home Top Shot SVG Crowbar 2 popup with tags Coding Viz gamedev bread lede elrn make cat All Bookmarks

PRIŠTINA ONLINE KRYETARI KUVENDI DOKUMETE LAJMET QYTETI INVESTIMET KONKURSET KONTAKTI QASJA NË DOKUMETET ZYRTARE

Shqip English Srpski Kërko

DEVELOPING TOGETHER PRISHTINA2016

E-Komuna Subvencionet në DKRS eLeja ePërcjellja Thirje Emergjente

Drejtorië Departamenti i Njoftim për dhënien e kontratës

Administrata Planet dhe Raportet e prokurimit

Shëndetësia Njoftimi paraprak

Mirëqenia Sociale Njoftim për kontratë

Arsimi Njoftim për dhënien e kontratës

Kultura Njoftim për konkurs të projektimit

Sport Njoftim për rezultatet e konkursit të projektimit

Bujqësia Njoftim për anulim

Financa Njoftim për informata shësë

Prona Njoftim i dhënies së kontratës

Urbanizmi

Investime kapitale dhe menaxhimt të kontravave

Shërbime Publike, Mbrojtje...

Kadastër

Inspekcion

Planifikim strategjik

Parqeve

Siguri dhe Emergjencia

Transformimi

Prokurimi

Departamenti i Prokurimit

Planet dhe Raportet e prokurimit

Njoftimi , servisimi aparatave kundër zjarrit 25.08.2025

Furnizimi me material higjenik për nxënësit e komunitetit e Egjiptit 22.08.2025

Ndërtimi i tri mbikalimeve të përkohshme në lagjen Abëri - (punë shësë) 21.08.2025

Intervenime, riparime dhe mirembajtja urgjente

Mirembajtja e aparaturave per printim, kopjim, skenerim, drum si dhe ngjyra per plotter - Mirembajtja 19.08.2025

Renovimi i shkollave dhe IEA-së -Gëllqerossa 12.08.2025

174 - Prodhimi, furnizimi dhe vendosja e numrave banimit në Komunën e Prishtinës. Ri-tender 12.08.2025

Revovimi i shkollave ne IEAA, Demolimi, furnizimi i drithareve ne IEAA 06.08.2025

Instalimi Elektrikes - Blerja, zhvendosja, montimi i panelit per shkollen Pavarsia 01.08.2025

Pajisje të ndryshme pune në Drejtoren e Inspeksionit 01.08.2025

Organizimi i koncertit Rame Lahaj with friends 31.07.2025

Organizimi i festivalit Sunny Hill 31.07.2025

137 Furnizimi dhe montimi i serrave 30.07.2025

Renovimi i shkollave dhe IEA-Dyshemë 30.07.2025

https://prishtinaonline.com/uploads/mirembajtja_e_aparaturave_per_printim_kopjin_skanim_furnizimi_i_tyre_me_toner_drum_si_dhe_ngjyra_per_plotter_-mirembajtja_e_kontratës

Agjencja Kosovare e Privatizimit

AGJENCIJA KOSOVARE E PRIVATIZIMIT
KOSOVSKA AGENCIA ZA PRIVATIZACIJU
PRIVATISATION AGENCY OF KOSOVO

WEBMAIL | SHQIP SRPSKI ENGLISH

Ballina Pyetje të shpeshta AKP Legislacioni Shpallje Raporte Lajme Kontakti

Resultatet e Ofertimit

» SHITJA E ASETEVE NE LIKUIDIM

Shitet Paraprake të Aseteve Rezultatet e Ofertimit Vendimet e Shitjes

Kërkesat kreditore

Qendra e Thirrjeve +381 (0) 38 500 400

August 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Scraping

Is taking data from the web and
converting it into structured format

<https://bit.ly/birn-2025-data>

Adv Data Journalism II: Unstructured Data

Scraping web sites

Grabbing data from the internet into a format we can use

Links:

- [Easy Scraper \(modified\)](#) Chrome extension for scraping – modified by me to make it work in more cases
- [Procurement contracts](#)
- [Bid document listing](#) (in Albanian, because it has more than the English version)
- [Outdoor ads as monuments, sculptures, stunts, installations, statues](#) A resource from the NEWBORN monument's Wikipedia page
- [Motrix](#) A great app for downloading things
- [Bulk PDF Downloader](#) Chrome extension for downloading all of the PDFs linked on a page



Scraping web sites

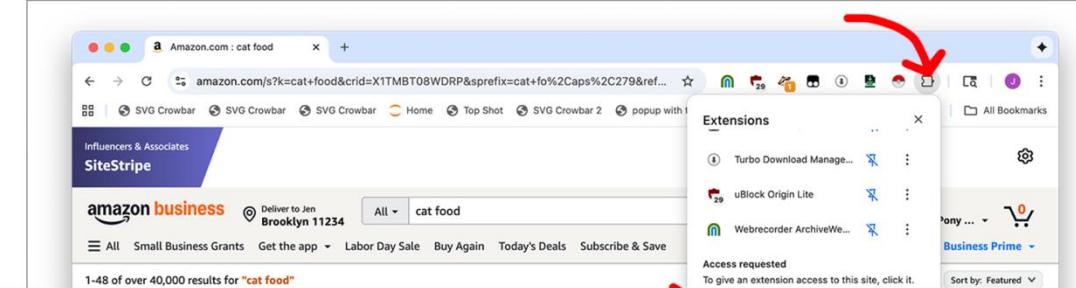
Useful Links

- [Easy Scraper \(modified\)](#) - Chrome extension for scraping – modified by me to make it work in more cases
- [Procurement contracts](#)
- [Bid document listing](#) - (in Albanian, because it has more than the English version)
- [Outdoor ads as monuments, sculptures, stunts, installations, statues](#) - A resource from the NEWBORN monument's Wikipedia page
- [Motrix](#) - A great app for downloading things
- [Bulk PDF Downloader](#) - Chrome extension for downloading all of the PDFs linked on a page

Scraping is a powerful way to convert web sites into data files that you can analysis with Sheets, Excel, or even ChatGPT.

Using Easy Scraper

After you've installed Easy Scraper, you first need to open it by clicking the extensions button.



AutoSave Automate Acrobat

Search (Cmd + Ctrl + U)

Comments Share

Paste Wrap Text General \$ % , Insert Conditional Formatting Format as Table Cell Styles Sort & Filter Find & Select Add-ins Analyze Data Create PDF and share link

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37	https://www.https://m.me https://www. Purina Fancy	4.7	4.7 out of 5 st https://www. (2K)	Price, product page	\$21.12	\$	21	.	12 (.	\$0.29	\$0.29	Today	FREE deliver Today, At Add to cart											
38	https://www.https://m.me https://www. Solid Gold Hi	4.6	4.6 out of 5 st https://www. (8.9K)	Price, product page	\$43.69	\$	43	.	69 (.	\$3.64	\$3.64	Today	FREE deliver Today, At Add to cart	List: \$45.99	\$45.99									
39	https://www.https://m.me https://www. Purina ONE H	4.5	4.5 out of 5 st https://www. (6.9K)	Price, produc https://www.	\$28.36	\$	28	.	36 (.	\$0.39	\$0.39	Tomorrow	FREE deliver Tomorrow, At Add to cart											

amazon-2025-08-27

Ready Accessibility: Unavailable 100%

but we don't have any
more ChatGPT power :(

Easy Scraper - Click-Friendly

jsoma.github.io/easy-scraper-modified/

SVG Crowbar SVG Crowbar SVG Crowbar Home Top Shot SVG Crowbar 2 popup with tags Coding All Bookmarks

🚀 Easy Scraper - Click-Friendly Version

The wonderful [Easy Scraper](#) doesn't work on all pages, especially specific awful government web pages you are trying to scrape. This is a slightly edited version that should work in more situations.

 [Download Extension](#)

📍 Installation Instructions

1. Download the extension using the button above
2. Unzip the downloaded file to a folder on your computer
3. Open Chrome and navigate to `chrome://extensions/`
4. Enable "**Developer mode**" using the toggle in the top right
5. Click "**Load unpacked**"
6. Select the folder where you unzipped the extension
7. The extension is now installed! Look for the Easy Scraper icon in your toolbar

⚠ Note: When the extension uses CDP clicking for restricted pages, you'll see a "Debugger attached" banner. This is normal and required for the enhanced functionality.

An exercise

Let's do this
ourselves.

Scraping web sites and unstru

Table of Contents

- [Useful Links](#)
- [Intro](#)
- [Using NotebookLM](#)
- [Using Easy Scraper](#) 
- [Running code in Colab](#)
- [Exercises](#)

Download files:  [scraping-web-data.zip](#)

An exercise (Part 2)

Let's analyze
the results

Scraping web sites and unstru

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- [Using NotebookLM](#)
- [Using Easy Scraper](#)
- [Running code in Colab](#)
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Download files: [scraping-web-data.zip](#)

Okay we know how to do
everything now

We are geniuses????