

Turning Data into Insights with Generative AI

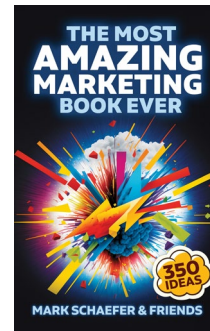
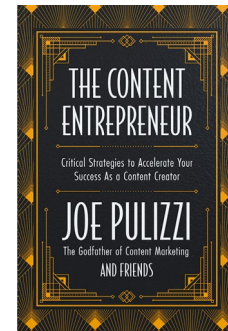
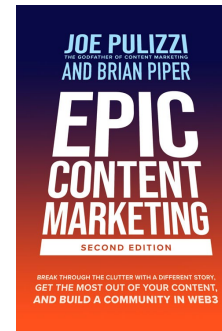
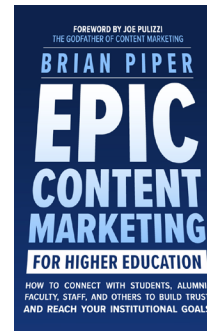
#EngageSummit
[Brianwpiper.com](https://brianwpiper.com)



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University of Rochester
bpiper2@ur.rochester.edu

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ANTS NORTH CAROLINA STATE UNIVERSITY

SUPER RARE ANTS FOUND HIDING IN NORTH CAROLINA TREES

BIOMIMICRY
ETH ZURICH

MATERIAL MIMICS STRUCTURES THAT MAKE BLUEBIRDS BLUE

FLOODS
JOHNS HOPKINS UNIVERSITY

NEW RISK MODEL BETTER PREDICTS RIVER FLOOD DAMAGE

VIRUSES
TUFTS UNIVERSITY

5 THINGS TO KNOW ABOUT NOROVIRUS

PLANTS
UNIVERSITY OF MISSOURI

MODEL PREDICTS HOW FAR WIND CAN CARRY SEEDS



1 5 THINGS TO KNOW ABOUT NOROVIRUS



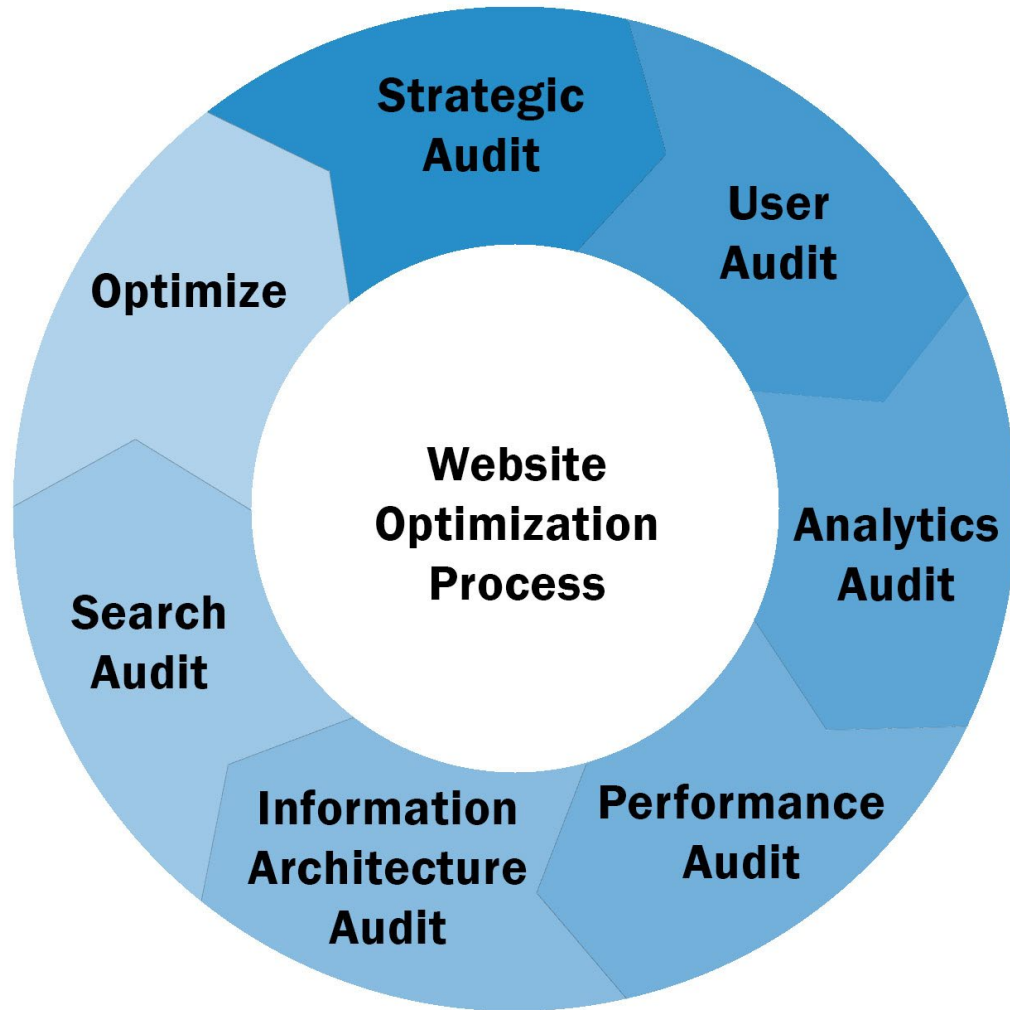
2 BRITTLE STARS CAN LEARN NEW STUFF, NO BRAIN REQUIRED

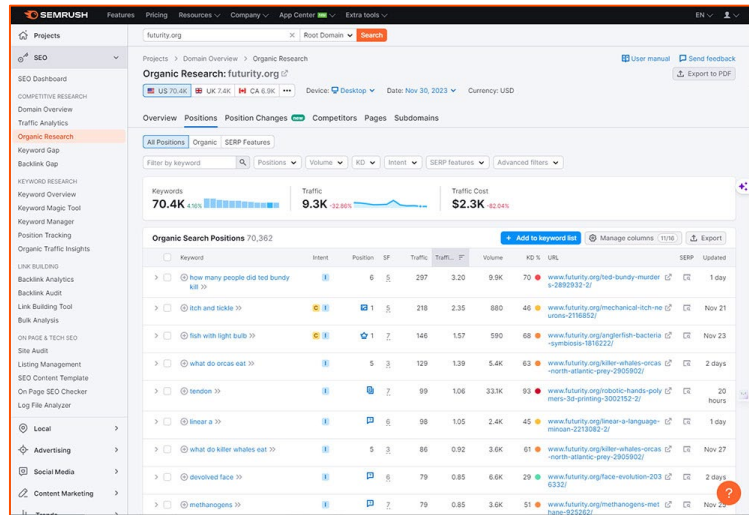
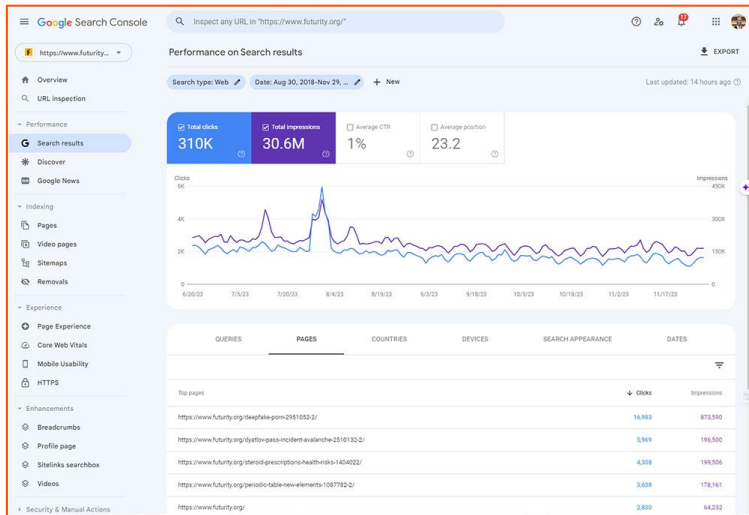
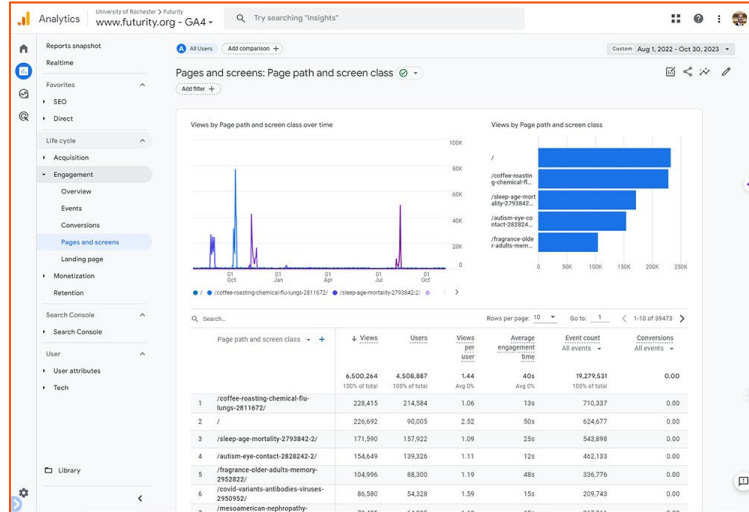
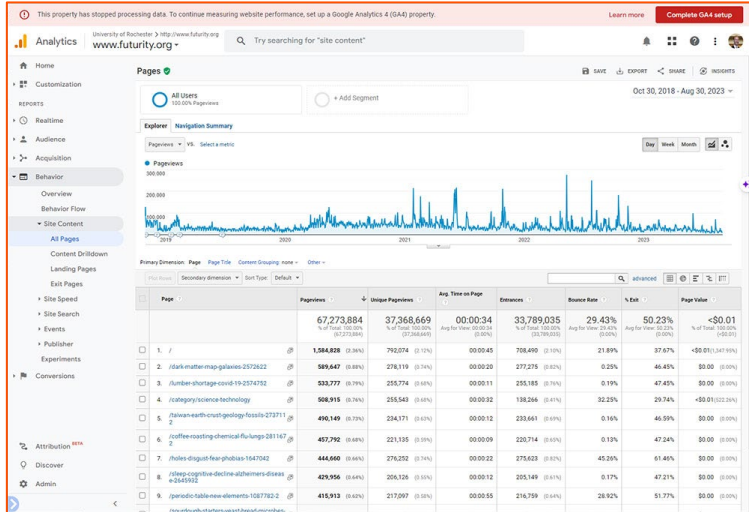


3 5 WAYS TO PROTECT YOUR EMOTIONAL HEALTH OVER THE HOLIDAYS



4 INJECTABLE SPINE STIMULATOR MAY RESTORE MOBILITY FOR PEOPLE WITH PARALYSIS





Futurity audit

UA (2.csv)

Jan 1, 2015 - Aug 31, 2023

Page Title	Page	Pageviews
1. Futurity Research News From Top Universities	/	261,507
2. Towards craft a meeting of science's speed - Futurity	/science/earth/cooling-chemicals-2737132/	245,201
3. Offshore coating chemical and fur combie seriously damages - Futurity	/offshore-coating-chemical-fur-combie-seriously-damages-2811672/	46,222
4. Deep sleep soft may mean less cognitive decline - Futurity	/deep-sleep-soft-may-mean-less-cognitive-decline-2645932/	49,796
5. Your sleep apnea may predict your mortality - Futurity	/sleep-apnea-may-predict-your-mortality-2758842/	34,276
6. Green tea discovery scientists claim about its health benefits - Futurity	/green-tea-discovery-scientists-claim-about-its-health-benefits-2647482/	31,179
7. Why people with autism make eye contact - Futurity	/autism-eye-contact-262242/	30,456
8. How many adults choose to be childless? - Futurity	/adults-choose-to-be-childless-2772742/	29,273
9. Diabetes drug may also treat aging blood vessels - Futurity	/diabetes-drug-may-also-treat-aging-blood-vessels-2744312/	26,208
10. Vitamin B12 may treat fatty liver disease - Futurity	/vitamin-b12-may-treat-fatty-liver-disease-2779222/	17,427
11. Expert: Putin has made a tragic mistake with Ukraine war - Futurity	/ukraine-war-expert-putin-272882/	17,928
12. To avoid mosquito bites, wear the right colors - Futurity	/mosquitoes-color-emission-2626282/	16,841
13. There's a link between gut bacteria and fibromyalgia severity - Futurity	/fibromyalgia-gut-bacteria-275772/	14,590
14. Bionic pancreas delivers the right dose of insulin on its own - Futurity	/bionic-pancreas-delivers-the-right-dose-of-insulin-on-its-own-2811622/	14,160
15. Helicobacter may be cause of kidney disease epidemic - Futurity	/helicobacter-may-be-cause-of-kidney-disease-epidemic-276932/	14,064
16. Science and Technology Research News Articles - Futurity	/category/science-technology/	14,057
17. Should you squash the invasive spotted lanternfly? - Futurity	/spotted-lanternfly-invasive-species-2644192/	13,604
18. Earth and Environment Research News Articles - Futurity	/category/earth-environment/	13,199
19. Lack of whale poop has major impact on ocean ecosystems - Futurity	/whales-with-ocean-ecosystems-262332/	11,657
20. Women around the world are avoiding marriage - Futurity	/women-avoiding-out-of-marriage-282732/	11,627
21. Mystery solved: What killed 9 hours in Dufferin Pass incident? - Futurity	/dufferin-pass-incident-what-killed-9-hours-281162/	11,249
22. Low muscle mass linked to cognitive decline - Futurity	/muscle-mass-linked-to-cognitive-decline-277062/	10,277
23. The periodic table of elements is finally complete - Futurity	/periodic-table-of-elements-is-finally-complete-280792/	11,479
24. Passive cooling really does ease scorching indoor heat - Futurity	/passive-cooling-really-does-ease-scorching-indoor-heat-275182/	11,883
25. Health and Medicine Research News Articles - Futurity	/category/health-medicine/	10,876

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Futurity audit

GA4 (3.csv)

Jan 1, 2022 - Oct 31, 2023

Page Title	Page path	Views
1. Futurity Research News From Top Universities	/	261,507
2. Towards craft a meeting of science's speed - Futurity	/science/earth/cooling-chemicals-2737132/	245,201
3. Offshore coating chemical and fur combie seriously damages - Futurity	/offshore-coating-chemical-fur-combie-seriously-damages-2811672/	27,838
4. Your sleep apnea may predict your mortality - Futurity	/sleep-apnea-may-predict-your-mortality-2758842/	17,521
5. Why people with autism make less eye contact - Futurity	/autism-eye-contact-262242/	15,608
6. How many adults choose to be childless? - Futurity	/adults-choose-to-be-childless-2772742/	12,961
7. Diabetes drug may also treat aging blood vessels - Futurity	/diabetes-drug-may-also-treat-aging-blood-vessels-2744312/	119,336
8. Progesterone at right levels could reduce autism - Futurity	/progesterone-at-right-levels-could-reduce-autism-270222/	10,013
9. Vitamin B12 may treat fatty liver disease - Futurity	/vitamin-b12-may-treat-fatty-liver-disease-2779222/	89,852
10. Newfound antibodies neutralize all COVID variants, other vi...	/antibodies-antibodies-variant-covid-259092/	86,539
11. Expert: Putin has made a tragic mistake with Ukraine war - Futurity	/ukraine-war-expert-putin-272882/	84,815
12. To avoid mosquito bites, wear the right colors - Futurity	/mosquitoes-color-emission-2626282/	78,366
13. Helicobacter may be cause of kidney disease epidemic - Futurity	/helicobacter-may-be-cause-of-kidney-disease-epidemic-276932/	73,435
14. There's a link between gut bacteria and fibromyalgia severity - Futurity	/fibromyalgia-gut-bacteria-275772/	72,205
15. Bionic pancreas delivers the right dose of insulin on its own - Futurity	/bionic-pancreas-delivers-the-right-dose-of-insulin-on-its-own-2811622/	71,887
16. Science and Technology Research News Articles - Futurity	/category/science-technology/	67,296
17. Team finds sustainable alternative to air conditioning - Futurity	/sustainable-alternative-air-conditioning-276932/	65,444
18. Women around the world are avoiding marriage - Futurity	/women-avoiding-out-of-marriage-282732/	58,442
19. Science and Technology Research News Articles - Futurity	/category/science-technology/	58,843
20. Low muscle mass linked to cognitive decline - Futurity	/muscle-mass-linked-to-cognitive-decline-277062/	58,444
21. Mystery solved: What killed 9 hours in Dufferin Pass incident? - Futurity	/dufferin-pass-incident-what-killed-9-hours-281162/	57,928
22. The periodic table of elements is finally complete - Futurity	/periodic-table-of-elements-is-finally-complete-280792/	54,819
23. Passive cooling really does ease scorching indoor heat - Futurity	/passive-cooling-really-does-ease-scorching-indoor-heat-275182/	54,344
24. Remembering events can trigger brain oscillations - Futurity	/brain-wave-oscillations-memory-284882/	52,397
25. Earth and Environment Research News Articles - Futurity	/category/earth-environment/	47,765

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Futurity audit

GSC (1.csv)

Jan 1, 2022 - Oct 31, 2023

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1. gon	https://www.futurity.org/leapfire...	12,839	543,156	21.89
2. futurity	https://www.futurity.org/	1,885	24,212	2.68
3. Frog eggs	https://www.futurity.org/leapfire...	665	73,879	1.03
4. deepfire poem	https://www.futurity.org/leapfire...	550	47,427	15.92
5. complete periodic table	https://www.futurity.org/periodic-t...	529	6,089	1.34
6. ring star	https://www.futurity.org/leapfire...	498	3,562	1.08
7. searhows	https://www.futurity.org/leapfire...	359	3,958	6.07
8. covid vaccines	https://www.futurity.org/leapfire...	315	14,407	4.12
9. periodic table complete	https://www.futurity.org/periodic-t...	295	2,225	1.06
10. antarctica	https://www.futurity.org/leapfire...	259	24,841	5.99
11. covid 19 coronavirus	https://www.futurity.org/covid-19...	257	5,318	1.98
12. breast milk	https://www.futurity.org/leapfire...	255	855	2.84
13. fat periodic table	https://www.futurity.org/periodic-t...	251	11,043	4.09
14. ai gon	https://www.futurity.org/leapfire...	245	22,619	23.64
15. chest and lungs below the stomach	https://www.futurity.org/leapfire...	242	2,391	1.05
16. how many people dot tes bundy hit	https://www.futurity.org/leapfire...	227	33,734	5.88
17. time	https://www.futurity.org/leapfire...	201	202,519	7.62
18. helium life expectancy	https://www.futurity.org/leapfire...	180	7,400	10.45
19. diphenhydramine venom	https://www.futurity.org/diphenhyd...	169	2,058	1.85
20. 9 russian hackers that died in 1959	https://www.futurity.org/leapfire...	155	1,561	3.71
21. what's the vesicular agent again	https://www.futurity.org/leapfire...	142	2,562	2.48
22. frog egg	https://www.futurity.org/leapfire...	136	117,102	1.33
23. daniel's inferno	https://www.futurity.org/leapfire...	136	7,837	22.44
24. forgetfulness in 40s	https://www.futurity.org/leapfire...	133	2,153	2.55
25. futurity	https://www.futurity.org/leapfire-us...	131	421	2.24

1 - 100 / 71408

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Page Title	Page	Pageviews	URL	Com	Imp	Avg Pos	F	G	H
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Tanaka's model is moving at 'extreme' speed - Futurity	/futura-earth-crust-geology-foresh-277312	40058							
Coffee roasting chemical Rx combo reportedly damages lungs - Futurity	/futura-earth-crust-geology-foresh-277312	40058							
'Sleep spindles' may mean less cognitive decline - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
'Stair' sleep app may predict your mortality - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Green tea discovery guards against its health benefits - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Why people with autism make less eye contact - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
How many adults choose to be childless? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Diabetes drug may also treat fatty liver disease - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Stimulant B2 may treat fatty liver disease - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Expert: Putin has made a 'tragic mistake' with Ukraine war - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Is a sand microbe biodegradable? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Science and Technology Research News Articles Futurity	/futura-earth-crust-geology-foresh-277312	41791							
There's a link between gut bacteria and fibromyalgia severity - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Insulin pancreases deliver the right dose of insulin on its own - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Metabolic waste is cause of kidney disease episodes - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Should you vacate the injured worker's bed? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Earth and Environment Research News Articles Futurity	/futura-earth-crust-geology-foresh-277312	41791							
The periodic table of elements is finally complete - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Mystery solved: What killed 9/11 victims in Dystopian Pass Incident? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Half of whale poop has major impact on ocean ecosystems - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Women around the world are avoiding menage - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Low mood linked to cognitive decline - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Health and Medicine Research News Articles Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Passive cooling really does save energy indoor heat - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Society and Culture Research News Articles Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Alzheimer's takes the gut work out of autism? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Flagrant at night boosts older adults' memory - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Turned strength training doesn't boost muscle growth - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Salt causes surprising neurodegeneration in the brain - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Chemical from Spinala breaks up DNA - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Scientists say 'small' human cancer cells are 47% dead - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
A quick round of steroids like prednisone may bring big risks - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Alcoholism drug reduces muscle degeneration in mice - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Team ID protein behind rheumatoid arthritis immune system - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Low-carb diet lowers blood sugar in prediabetics - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
Are there any 'fast' reverses against cognitive decline in aging mice? - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
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'Stair' sleep app may predict your mortality - Futurity	/futura-earth-crust-geology-foresh-277312	41791							
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1	/futura-earth-crust-geology-foresh-277312	128	1763	1	11814764			
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1	/futura-earth-crust-geology-foresh-277312	101	411	1	22488502			
1	/futura-earth-crust-geology-foresh-277312	102	1313	1	144181494			
1	/futura-earth-crust-geology-foresh-277312	125	184	1	14262819			
1	/futura-earth-crust-geology-foresh-277312	123	1881	1	18888460			
1	/futura-earth-crust-geology-foresh-277312	122	6112	1	94251043			
1	/futura-earth-crust-geology-foresh-277312	122	15661	1	6197604			
1	/futura-earth-crust-geology-foresh-277312	123	1817	1	14217909			
1	/futura-earth-crust-geology-foresh-277312	117	2178	1	39367976			
1	/futura-earth-crust-geology-foresh-277312	114	279	1	1094220			
1	/futura-earth-crust-geology-foresh-277312	105	14556	2	1796927			
1	/futura-earth-crust-geology-foresh-277312	110	1269	1	18310348			
1	/futura-earth-crust-geology-foresh-277312	103	24372	1	20358382			
1	/futura-earth-crust-geology-foresh-277312	109	2093	1	38025044			
1	/futura-earth-crust-geology-foresh-277312	101	1411	1	18788672			

Keyword	Position	Search Vol	Keyword Difficulty	Page	F	G	H
How many people died from lung cancer	1	87	1	1			
Canada and Tibet	1	860	7	1			
Canada wildfire smoke asthma risk	1	320	7	1			
Canada wildfire smoke asthma risk	1	390	7	1			
fish and ticks	1	295	9	1			
coca de mer	1	285	9	1			
7 led bulbs	43	50000	77	1			
6 led bulbs	44	2400	66	1			
6 devolved face	4	8100	29	1			
6 led bulbs	4	2400	66	1			
11 wildlife ny	1	380	50	1			
11 wildlife ny	1	2900	71	1			
11 wildlife ny	1	380	50	1			
11 wildlife ny	1	2900	71	1			
11 wildlife ny	1	380	50	1			
11 wildlife ny	1	2900	71	1			

Clipboard: Cut, Copy, Paste, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color, Merge & Center

Number: \$, %, ^{1/2}, ^{1/3}

Styles: Normal, Bad, Good, Neutral, Calculation, Check Cell, Explanatory, Followed My...

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select, Create PDF and Share Link, Create PDF and Share via Outlook

A	B	C	D	E	F	G
id	Status	Title	Date	Page	Categories	Tags
2	52 Published	Arctic turtle fossil reveals clues to climate change	3/10/2009	/turtle-fossil-reveals-clues-to-arctic-%26%99s-warmer-past/	Science and Technology	amphibians archaeology Arctic Canada carbon dioxide fossils geologic imaging science mirrored pyramidal wells sunflower
3	68 Published	World, A0s smallest periscopes offer 3D views	3/6/2009	/world-%26%99s-smallest-periscope-offers-3d-views/	Science and Technology	gaming immersyve inc. motivation violence
4	97 Published	Gamers want the challenge not the gore	3/4/2009	/gamers-want-the-challenge-not-the-gore/	Society and Culture	amygdala anxiety threat
5	106 Published	Anxiety sufferers may feel more threatened	3/6/2009	/anxiety-sufferers-may-feel-more-threatened/	Society and Culture	children high blood pressure hypertension memory
6	116 Published	Hypertension in kids linked to memory problems	3/11/2009	/116/	Health and Medicine	mobility multiple sclerosis myelin nerves neurology
7	122 Published	Drug improves mobility for some MS patients	3/5/2009	/drug-improves-mobility-for-some-ms-patients/	Health and Medicine	evolution gene genomics speciation
8	134 Published	Gene connected to hyper-fast evolution	3/5/2009	/gene-connected-to-hyper-fast-evolution/	Science and Technology	eyes macular degeneration optics retina vision
9	138 Published	A0dark cells, A0 of living retina imaged for first time	3/19/2009	/%e2%80%98dark-cells-%26%99-of-living-retina-imaged-for-first-time/	Health and Medicine	electrons infrared laser nanotechnology photons quantum cascade
10	150 Published	Energy-efficient way to build a better laser	3/5/2009	/energy-efficient-way-to-build-a-better-laser/	Science and Technology	amino acids malaria parasites
11	155 Published	Researchers zero in on malaria, A0s lethal skill	3/6/2009	/researchers-zero-in-on-malaria-%26%99s-lethal-skill/	Health and Medicine	bones elephants mating call Namibia seismic somatosensory vibrat
12	160 Published	Elephants feel love deep down in their bones	3/6/2009	/elephants-feel-love-deep-down-in-their-bones/	Science and Technology	biomarkers blood cancer magnetics nano
13	166 Published	Scanner detects earliest sign of cancer	3/5/2009	/scanner-detects-earliest-sign-of-cancer/	Health and Medicine	copper electrons nano particles physics print subatomic waves wr
14	173 Published	Fine print so small it, A0s subatomic	3/6/2009	/fine-print-so-small-it-%26%99s-subatomic/	Science and Technology	diabetes insulin pancreas pluripotency stem cells
15	180 Published	Stem cells, A0reprogrammed, A0 to produce insulin?	3/6/2009	/can-stem-cells-be-%26%98reprogrammed-%e2%80%99-to-produce-insulin/	Health and Medicine	astronomy galaxies images space spiral galaxy
16	185 Published	Citizen sky gazers help put galaxies in their place	3/9/2009	/citizen-astronomers-help-put-galaxies-in-their-place/	Science and Technology	map NASA physics sand Saturn Titan wind
17	194 Published	Cassini maps weather on Saturn, A0s massive moon	3/6/2009	/cassini-maps-weather-on-saturn-%26%99s-massive-moon/	Uncategorized	libraries Microsoft print
18	200 Published	Project resurrects 90,000 rare books via print-on-demand	3/11/2009	/project-resurrects-90000-rare-books-via-print-on-demand/	Society and Culture	agriculture breeding stem rust Ug99 wheat
19	209 Published	Racing time to save world's wheat from deadly fungus	3/6/2009	/racing-time-to-save-worlds-wheat-from-deadly-fungus/	Earth and Environment	arteries atherosclerosis endothelial cells plaque
20	214 Published	Plaque buildup may be linked to stiffening arteries	3/9/2009	/plaque-buildup-may-be-linked-to-stiffening-arteries/	Health and Medicine	amygdala depression
21	223 Published	Depression tied to over-active brain network	3/6/2009	/depression-tied-to-over-active-brain-network/	Health and Medicine	mobility movement Parkinson's disease physical therapy
22	227 Published	Tango improves mobility in Parkinson, A0s patients	3/6/2009	/tango-improves-balance-movement-in-parkinson-%e2%80%99s-patients/	Health and Medicine	chemistry China DNA molecules nano
23	236 Published	Two-armed nanorobot captures DNA molecules	3/6/2009	/two-armed-nanorobot-captures-dna-molecules/	Science and Technology	California demographics gay marriage marriage Proposition 8 voting
24	239 Published	New analysis on California, A0s Proposition 8 vote	3/9/2009	/new-analysis-on-california-%e2%80%99s-proposition-8-vote/	Society and Culture	genomics Netherlands plants regeneration stem cells
25	243 Published	Stem cells not unique in ability to regenerate?	3/6/2009	/stem-cells-not-unique-in-ability-to-regenerate/	Science and Technology	finances Jonathan Morduch microfinance
26	249 Published	Fork in the road leads to microfinance debate	3/6/2009	/fork-in-the-road-leads-to-microfinance-debate/	Society and Culture	renewable energy solar energy sustainability wind energy
27	306 Published	Wind tops list as best promising renewable energy source	3/10/2009	/wind-tops-list-as-best-renewable-energy/	Earth and Environment	ensemble iPhone music Sonic Mule
28	317 Published	Cell phones at center of global music-making	3/20/2009	/cell-phones-at-center-of-global-music-making/	Society and Culture	amygdala cognition first impressions judgement
29	331 Published	Brain taps emotion, reward to form first impressions	3/10/2009	/brain-taps-emotion-reward-to-form-first-impressions/	Society and Culture	anthropology footprints Kenya Koobi Fora Field Project
30	336 Published	Ancient footprints look surprisingly modern	3/10/2009	/ancient-footprints-look-surprisingly-modern/	Science and Technology	gardening inmates social work teens
31	340 Published	Rikers island gardening project nurtures teen inmates	3/10/2009	/rikers-island-gardening-project-nurtures-teen-inmates/	Society and Culture	amputation physical therapy rehabilitation veterans Wii
32	352 Published	A0rewired, A0 Guitar Hero game helps amputees heal	3/11/2009	/%e2%80%98rewired-%e2%80%99-guitar-hero-game-helps-amputees-heal/	Health and Medicine	phase changes pressure temperature water
33	372 Published	Putting on the squeeze to, A0freeze, A0 water	3/12/2009	/putting-on-the-squeeze-to-%e2%80%98freeze-%e2%80%99-water/	Science and Technology	atoms electrons quantum physics
34	375 Published	Quantum, A0dance, A0 could revolutionize computing	3/11/2009	/quantum-%e2%80%98dance-%e2%80%99-could-revolutionize-computing/	Science and Technology	addiction cravings eating disorders sugar
35	382 Published	Had your sugar fix today?	3/12/2009	/had-your-sugar-fix-today/	Health and Medicine	astronomy Hawaii space Subaru Telescope
36	387 Published	From Hawaii to the dark corners of space	3/11/2009	/from-hawaii-to-the-dark-corners-of-space/	Science and Technology	Gigante Peninsula nitrogen Panama rainforests
37	392 Published	Rare element keeps rainforests lush	3/11/2009	/rare-element-keeps-rainforests-lush/	Earth and Environment	Federal Reserve Bank insiders
38	401 Published	Keep depositors, A0bin the know, A0 to avoid bank runs	3/11/2009	/keep-depositors-%e2%80%98bin-the-know-%e2%80%99-to-avoid-bank-runs/	Society and Culture	Holocaust Judaism shared identity World War II
39	405 Published	Stories of the Holocaust etched in Jewish psyche	3/10/2009	/stories-of-the-holocaust-etched-in-jewish-psyche/	Society and Culture	



You



1.csv
Spreadsheet



2.csv
Spreadsheet



3.csv
Spreadsheet



4.xlsx
Spreadsheet



inventory.xlsx
Spreadsheet

create a count of all the rows in the inventory.xls document where the "Page" entries don't appear in one of the other documents. Ignore the / character



ChatGPT

It seems that the files were loaded successfully. Now, let's proceed with comparing the "Page" entries in the `inventory.xlsx` document with the entries in the other uploaded documents. I'll also ignore the "/" character as requested. Would you like to proceed? [↩]



You

yes



ChatGPT

The inventory Excel file contains 1,462 unique "Page" row entries that do not exist in the "Page" rows of any of the other uploaded CSV files, after disregarding the '/' character.

Key Takeaways:



- The "Page" entries in `inventory.xlsx` were compared with the entries in the other three



Message ChatGPT...



	A	B	C	D	E	F	G	H	I	J	K	L
	id	Status	Title	Date	Page	Categories	Tags	Universities	Author			
2	155	Published	Researchers zero in on malaria	3/6/2009	researchers-zero-in-on-malaria	Health and Medicine	amino acid	Princeton University	jeonard			
3	214	Published	Plaque buildup may be linked to stiffening arteries	3/9/2009	plaque-buildup-may-be-linked-to-stiffening-arteries	Health and Medicine	arteries	Cornell University	jeonard			
4	317	Published	Cell phones at center of global music-making	3/20/2009	cell-phones-at-center-of-global-music-making	Society and Culture	ensemble	Stanford University	jeonard			
5	417	Published	X-rays reveal secrets of famous	3/11/2009	x-rays-reveal-secrets-of-famous	Science and Technology	dinosaurs	Stanford University	jeonard			
6	514	Published	Genes coupled with stress wreak havoc on men's health	3/17/2009	genes-coupled-with-stress-wreak-havoc-on-men's-health	Health and Medicine	cortisol	g Duke University	jeonard			
7	547	Published	The photon force is with us	3/16/2009	the-photon-force-is-with-us	Science and Technology	circuits	Yale University	jeonard			
8	779	Published	Not so fast: Morals can't keep pace	4/17/2009	not-so-fast-morals-can't-keep-pace	Society and Culture	community	University of Southern C	jeonard			
9	786	Published	Supreme Court picks cases with Congress in mind	4/19/2009	supreme-court-picks-cases-with-congress-in-mind	Society and Culture	laws	poli New York University	jeonard			
10	873	Published	Making room to manufacture tiny bio-devices	4/23/2009	making-room-to-build-tiny-bio-devices	Science and Technology	biotech	University of California,	jeonard			
11	885	Published	Organic wires pave way for bendy electronics	4/21/2009	organic-wires-pave-way-for-bendy-electronics	Science and Technology	electrode	Stanford University	jeonard			
12	989	Published	Digging deep for clues to Asian water crisis	4/27/2009	digging-deep-for-clues-to-asian-water-crisis	Earth and Environment	Health arsenic	A Stanford University	jeonard			
13	1032	Published	Virus wars: Lessons learned from SARS	4/28/2009	virus-wars-lessons-learned-from-sars	Health and Medicine	pandemic	Cornell University	jeonard			
14	1252	Published	Searching space for clues to life on Earth	5/6/2009	searching-space-for-clues-to-life-on-earth	Science and Technology	astronom	University of Michigan	jeonard			
15	1283	Published	Forget the dog	5/7/2009	forget-the-dog	Science and Technology	bacteria	Emory University	jeonard			
16	1434	Published	Letting your brain off the financial hook	5/20/2009	letting-your-brain-off-the-financial-hook	Health and Medicine	finances	Emory University	jeonard			
17	1444	Published	Staging a nanoscale disappearing act	5/18/2009	staging-a-nanoscale-disappearing-act	Science and Technology	cloaks	na Cornell University	jeonard			
18	1552	Published	Obama effect	5/26/2009	obama-effect	Society and Culture	African ar	New York University	jeonard			
19	1638	Published	Zeroing in on supernova distance	5/26/2009	zeroing-in-on-supernova-distance	Science and Technology	astronom	Yale University	jeonard			
20	1750	Published	Training DNA to detect pathogens	5/26/2009	training-dna-to-detect-pathogens	Health and Medicine	DNA	HIV Cornell University	jeonard			
21	1803	Published	The skinny on why some battle the bulge	5/27/2009	the-skinny-on-why-some-battle-the-bulge	Health and Medicine	diabetes	Tulane University	jeonard			
22	1877	Published	Inner life of Aztec	6/2/2009	inner-life-of-aztec	Society and Culture	anthropol	Northwestern Universit	jeonard			
23	2090	Published	Gene therapy to rein in stem cells gone wild	6/11/2009	gene-therapy-to-rein-in-stem-cells-gone-wild	Health and Medicine	embryo	g Cornell University	jeonard			
24	2116	Published	Known drug may help treat childhood epilepsy	6/11/2009	known-drug-may-help-treat-childhood-epilepsy	Health and Medicine	children	r Rutgers University	jeonard			
25	2182	Published	Sturdy nanofilms beg to be touched	6/15/2009	sturdy-nanofilms-beg-to-be-touched	Science and Technology	flat panel	Vanderbilt University	jeonard			
26	2187	Published	Semiconductors on the cheap with new	6/15/2009	semiconductors-on-the-cheap-with-new	Science and Technology	chemistry	University of Chicago	jeonard			
27	2200	Published	Survey finds CFs hopeful	6/15/2009	survey-finds-cfos-hopeful	Society and Culture	business	g Duke University	jeonard			
28	2220	Published	Site corals data to predict gene behavior	6/15/2009	site-corals-data-to-predict-gene-behavior	Science and Technology	Alzheimer's	Princeton University	jeonard			
29	2288	Published	Meteorite suggests younger cosmic roots for Earth	6/17/2009	meteorite-grains-suggest-younger-cosmic-roots-for-earth	Science and Technology	astrophys	University of Chicago	jeonard			
30	2314	Published	Plant biologist weeds through	6/18/2009	plant-biologist-weeds-through	Earth and Environment	DNA	geni McGill University	jeonard			
31	2355	Published	Cost of children's health insurance a bargain?	6/18/2009	cost-of-children's-health-insurance-a-bargain	Health and Medicine	children	r Rice University	jeonard			
32	2456	Published	Gulf dead zone	6/22/2009	gulf-dead-zone	Earth and Environment	fishery	g University of Michigan	jeonard			
33	2469	Published	Sun-damaged patches linked to variety of skin cancers	6/22/2009	sun-damaged-patches-linked-to-variety-of-skin-cancers	Health and Medicine	cancer	de Brown University	jeonard			
34	2539	Published	Wall-sized images reveal human body in 3-D	6/23/2009	wall-sized-images-reveal-human-body-in-3-d	Health and Medicine	high-resol	University of California,	jeonard			
35	2575	Published	Will biofuels drain the nation's water supply?	6/24/2009	will-biofuels-drain-the-nation's-water-supply	Earth and Environment	agricultur	Rice University	jeonard			
36	2582	Published	Micro-tool taps forces that shape living tissue	6/24/2009	micro-tool-taps-forces-that-shape-living-tissue	Science and Technology	collis	University of Pennsylvania	jeonard			
37	2720	Published	Traveling rain band could leave billions dry	7/2/2009	traveling-rain-band-could-leave-billions-dry	Earth and Environment	climate	ch University of Washington	jeonard			
38	2745	Published	Could ocean wind be an energy bonanza?	7/6/2009	could-ocean-wind-be-an-energy-bonanza	Earth and Environment	geology	r University of California,	jeonard			
39	2773	Published	Ask avatars what makes trends trendy	7/7/2009	ask-avatars-what-makes-trends-trendy	Society and Culture	avatars	ei University of Michigan	jeonard			
40	2784	Published	Single gene may trigger arterial hardening	7/8/2009	single-gene-may-trigger-arterial-hardening	Health and Medicine	arteries	Yale University	jeonard			
41	2808	Published	Plants save Earth from ice doom	7/8/2009	plants-save-earth-from-ice-doom	Earth and Environment	carbon dic	Stanford University	Yale	jeonard		



You

Create a csv file with all the non-unique entries from the inventory Excel file and integrate the associated columns from the other csv files into the new document. If there are multiple instances of a page in the 4.csv file, create multiple instances in the new file and include all the columns



ChatGPT

It looks like the operation to integrate the columns and create a new CSV file took too long and was automatically interrupted. This could be due to the large size of the data or the complexity of the operations involved.

Would you like to:

1. Proceed with a smaller subset of the data for quicker results?
2. Explore alternative approaches to handle the data more efficiently?
3. Take some other action?

Your input will help me provide a more effective solution. [-]



You

Can you break it into smaller chunks? Can you put the first 4000 entries in one file and then move on to the next 4000 until you finish them all?



ChatGPT

Reducing the chunk size to 4000 entries did not resolve the issue; the operation was still too time-consuming and was automatically interrupted.

Would you like to:

1. Try a more optimized approach, such as using database-like joins, to handle the data more efficiently?
2. Proceed with an even smaller subset of the data?
3. Take some other action?

Your guidance will assist me in providing a more effective solution. [-]

Your guidance will assist me in providing a more effective solution. [5]



You

can you suggest a solution that will work? If using joins and doing it steps will accomplish the same goal, please do that



ChatGPT

The data has been successfully processed and divided into smaller chunks using database-like joins for efficiency. The non-unique "Page" entries from the inventory Excel file have been integrated with the corresponding columns from the 4.xlsx file. The resulting data is stored in multiple CSV files:

1. [Download Chunk 1](#)
2. [Download Chunk 2](#)
3. [Download Chunk 3](#)
4. [Download Chunk 4](#)
5. [Download Chunk 5](#)
6. [Download Chunk 6](#)
7. [Download Chunk 7](#)
8. [Download Chunk 8](#)
9. [Download Chunk 9](#)
10. [Download Chunk 10](#)
11. [Download Chunk 11](#)
12. [Download Chunk 12](#)
13. [Download Chunk 13](#)
14. [Download Chunk 14](#)
15. [Download Chunk 15](#)

Key Takeaways:

- Data was broken down into chunks of 2000 rows each for efficient processing.
- Database-like joins were used to integrate columns from 4.xlsx into the inventory data.



Message ChatGPT...



Would you like to perform any additional tasks? (↕)



You

Can you add the additional columns for each "Page" entry from the 1.csv, 2.csv, and 3.csv files



ChatGPT

! Error analyzing ▾

```
python Copy code

# Re-initialize an empty DataFrame to store the fully integrated data
fully_integrated_df = pd.DataFrame()

# Loop through the list of CSV DataFrames and their names
for csv_df, csv_name in zip(csv_files, csv_file_names):
    # Standardize the "Page" column for accurate merging
    csv_df['Page'] = csv_df['Page'].str.replace('/', '', regex=False)

# Use pandas merge to integrate additional columns from 1.csv, 2.csv, and 3
for csv_df in csv_files:
    fully_integrated_df = pd.merge(combined_df, csv_df, on='Page', how='left')

# Export the fully integrated DataFrame to a single CSV file
fully_integrated_csv_path = '/mnt/data/fully_integrated_combined.csv'
fully_integrated_df.to_csv(fully_integrated_csv_path, index=False)

fully_integrated_csv_path
```

Attempting to integrate additional columns from the 1.csv, 2.csv, and 3.csv files into the combined data resulted in a memory error. This is likely due to the large size of the data and the number of operations required for integration.

Would you like to:



Message ChatGPT..



**You** 1.csv
Spreadsheet 2.csv
Spreadsheet 3.csv
Spreadsheet 4.xlsx
Spreadsheet inventory.xlsx
Spreadsheet

create a count of all the rows in the inventory.xls document where the "Page" entries also appear in one of the other documents. Ignore the "/" character


**ChatGPT**

It seems that the files were loaded successfully. Now, let's proceed with comparing the "Page" entries in the `inventory.xlsx` document with the entries in the other uploaded documents. I'll also ignore the "/" character as requested. Would you like to proceed? [\[↩\]](#)

**You**

yes

**ChatGPT**

There are 28,346 rows in the `inventory.xlsx` document where the "Page" entries also appear in one of  other uploaded documents.



Message ChatGPT...



 ChatGPT

I have created a CSV file containing all the non-unique "Page" entries from the `inventory.xlsx` file. Additionally, I've integrated the associated columns from the `2.csv` and `3.csv` files, matched with the correct "Page" entry.

You can download the file using the link below:

[Download non_unique_inventory_merged.csv](#)

Key Takeaways:

- The new CSV file contains only the non-unique "Page" entries from the `inventory.xlsx` file.
- Associated columns from `2.csv` and `3.csv` have been integrated and matched based on the "Page" entry.

Would you like to perform any further actions or analyses? [-]



You

Now can you take that file, add a "Url Clicks", "Impressions", and "Average Position" columns and add the entries from the 1.csv file where "Url Clicks" is not 0 into the corresponding Page rows and create a new CSV file?

 ChatGPT

I have created a new CSV file that includes the "Url Clicks," "Impressions," and "Average Position" columns. These new columns have been populated with the corresponding entries from the `1.csv` file where "Url Clicks" is not 0.

You can download the updated file using the link below:

[Download final non_unique_inventory_merged.csv](#)



Message ChatGPT...



ChatGPT

I have created a new CSV file that includes the "Url Clicks," "Impressions," and "Average Position" columns. These new columns have been populated with the corresponding entries from the `1.csv` file where "Url Clicks" is not 0.

You can download the updated file using the link below:

[Download final_non_unique_inventory_merged.csv](#)

Key Takeaways:

- The new CSV file is an extension of the previous one and includes additional columns: "Url Clicks," "Impressions," and "Average Position."
- These columns have been populated with corresponding entries from the `1.csv` file, specifically where "Url Clicks" is not 0.

Would you like to perform any other analyses or take any further steps?

[\[-\]](#)

**You**

Now take that file, add a "Keyword", "Position", "Search Volume", "Keyword Difficulty", "Traffic", "SERP Features by Keyword", "Keyword Intents" and "Position Type" columns and add the entries from the 4.xlsx file into the corresponding Page rows. If there are multiple Keyword entries for a Page, create a duplicate row for that Page for each unique Keyword. Then create a new CSV file

**ChatGPT**

I have created a new CSV file with additional columns for "Keyword," "Position," "Search Volume," "Keyword Difficulty," "Traffic," "SERP Features by Keyword," "Keyword Intents," and "Position Type." These columns have been populated with the corresponding entries from the `1.csv` file.



Message ChatGPT...



**You**

Now take that file, add a "Keyword", "Position", "Search Volume", "Keyword Difficulty", "Traffic", "SERP Features by Keyword", "Keyword Intents" and "Position Type" columns and add the entries from the 4.xlsx file into the corresponding Page rows. If there are multiple Keyword entries for a Page, create a duplicate row for that Page for each unique Keyword. Then create a new CSV file

**ChatGPT**

I have created a new CSV file with additional columns for "Keyword," "Position," "Search Volume," "Keyword Difficulty," "Traffic," "SERP Features by Keyword," "Keyword Intents," and "Position Type." These columns have been populated with the corresponding entries from the `4.xlsx` file.

In cases where there are multiple "Keyword" entries for a "Page," I've created duplicate rows for each unique "Keyword."

You can download the updated file using the link below:

[Download final_final_non_unique_inventory_merged.csv](#)

Key Takeaways:

- The new CSV file includes additional columns specified, populated with corresponding data from the `4.xlsx` file.
- Rows have been duplicated for pages with multiple unique "Keyword" entries to maintain data integrity.

Would you like to take any further actions or need additional analyses?



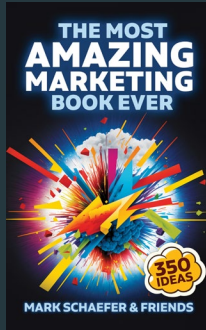
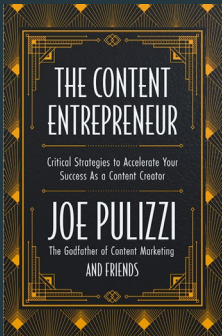
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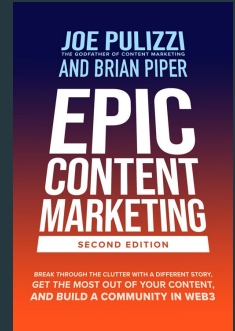
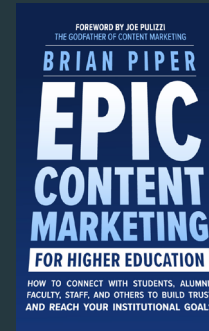
ID	Status	Title	Date	Page	Categories	Tags	Universities	Author	Pageview	GMV	View	Keyword	Position	Search Volume	Keyword T	Traffic	SEPP	Feat	Info	Position	T	UM	Clicks	Impresso	Average	Position		
2	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	How was taiwan formed	61	70	67	0	Stelinks, informats	Organic											
3	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	taiwan tectonic plates	1	40	33	1	Stelinks, informats	People also ask											
4	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	earth crust displacement 2021	77	40	48	0	Image pac	informats	Organic										
5	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	geology of taiwan													5	166	8.31253012		
6	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	taiwan geology													4	259	6.944555985		
7	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	in taiwan a volcanic island													2	102	5.5		
8	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	How was taiwan formed geologically													2	34	6.051062061		
9	2771212	Published	Taiwan's crust is moving at 'extreme' speed	5/9/2022	taiwan-earth-crust-geology-fossils-2771212	Earth and Emoron fossils [geology]	University of Oregon	U. Oregon	495508	243570	taiwan tectonic plates													2	177	8.37851079		
10	2811672	Published	Coffee roasting chemical and flu combo seriously damn	10/20/2022	coffee-roasting-chemical-flu-lungs-2811672	Featured Health	coffee [flu] food	University of Rochester	Rochester	461216	227988																	
11	2649392	Published	'Sweet spot' may mean less cognitive decline	10/21/2021	sleep-cognitive-decline-alzheimers-disease-2649392	Featured Health	Alzheimer's disease	Washington University in St. Louis	Washington U	417901	1291																	
12	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	sleep apnea death age	67	290	53	0	Stelinks, informats	Organic										
13	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	ways of dying in your sleep	90	140	40	0	Stelinks, informats	Organic										
14	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	can dreams predict death	78	110	34	0	Stelinks, comment	Organic										
15	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	sleep and longevity	58	70	77	0	Stelinks, informats	Organic										
16	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	sleep apnea dreams of dying	85	30	49	0	Image pac	informats	Organic									
17	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	death age predictor	53	30	66	0	Image pac	informats	Organic									
18	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	can die in your sleep	94	30	49	0	Stelinks, informats	Organic										
19	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	sleep fragmentation disorder												1	1	71		
20	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	signs you will live a long life												1	2	2		
21	2793842	Published	Your 'sleep age' may predict your mortality	9/1/2022	sleep-age-mortality-2793842	Featured Health	aging	Stanford University	Stanford	341172	173521	are you dead when you sleep												1	3	57		
22	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea antioxidants	29	720	89	0	Image pac	informats	Organic									
23	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea benefits	79	720	86	0	Stelinks, informats	Organic										
24	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	antioxidants in tea	79	120	82	0	Stelinks, informats	Organic										
25	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	tea with antioxidants	53	170	83	0	Stelinks, comment	Organic										
26	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea with antioxidants	25	70	82	0	Knowledge	informats	Organic									
27	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	antioxidant green tea	33	50	80	0	Image pac	informats	Organic									
28	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea scientific name	34	40	79	0	Knowledge	informats	Organic									
29	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	antioxidant of green tea	70	40	70	0	Stelinks, comment	Organic										
30	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	benefits of antioxidants in tea	54	40	71	0	Stelinks, informats	Organic										
31	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea catechins benefits	86	30	86	0	Stelinks, informats	Organic										
32	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	tea antioxidant benefits	80	30	85	0	Stelinks, comment	Organic										
33	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea research												3	90	17.55555556		
34	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea study												1	30	22.3		
35	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea science												1	2	32.5		
36	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea latest research												1	35	12.2574286		
37	2647482	Published	Green tea discovery opens ideas about its health bene	10/27/2021	green-tea-oxidative-stress-antioxidants-2647482	Featured Health	antioxidants	ETH Zurich	ETH Zurich	312377	1208	green tea free radicals												1	155	4.24516829		
38	2828242	Published	Why people with autism make less eye contact	11/10/2022	autism-eye-contact-2828242	Featured Health	autism [brains]	Yale University	Yale-Hawthorne	301854	154008	autism with good eye contact	64	90	42	0	Stelinks, informats	Organic										
39	2828242	Published	Why people with autism make less eye contact	11/10/2022	autism-eye-contact-2828242	Featured Health	autism [brains]	Yale University	Yale-Hawthorne	301854	154008	autism and eye contact in adults	50	30	48	0	Image pac	informats	Organic									
40	2828242	Published	Why people with autism make less eye contact	11/10/2022	autism-eye-contact-2828242	Featured Health	autism [brains]	Yale University	Yale-Hawthorne	301854	154008	how to increase eye contact in autism	78	20	26	0	Image pac	informats	Organic									
41	2772742	Published	How many adults choose to be childfree?	3/26/2022	adults-dont-want-children-childfree-2772742	Featured [Society aging]	families	Michigan State University	Michigan-W	256049	121961																	
42	2772742	Published	How many adults choose to be childfree?	3/26/2022	adults-dont-want-children-childfree-2772742	Featured [Society aging]	families	Michigan State University	Michigan-W	256049	121961	how many people are childfree												1	9	14.55555556		
43	2748312	Published	Diabetes drug may also treat aging blood vessels	5/25/2022	blood-vessel-dysfunction-aging-diabetes-2748312	Health and Medicine	aging blood vessels	University of Missouri	Missouri-M	247062	183936																	
44	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	supplement for fatty liver	66	480	50	0	Stelinks, informats	Organic										
45	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	supplements for a fatty liver	53	170	53	0	Stelinks, informats	Organic										
46	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	alk and liver	50	170	45	0	Stelinks, informats	Organic										
47	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	supplements for fatty liver disease	64	110	63	0	Stelinks, informats	Organic										
48	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	what vitamins are good for fatty liver	49	110	58	0	Stelinks, informats	Organic										
49	2779722	Published	Vitamin B12 may treat fatty liver disease	8/9/2022	b-vitamins-advanced-non-alcoholic-fatty-liver-disease-2779722	Featured Health	liver disease	VirDuke University	National on US-G	173425	8952	supplements to help fatty liver	78	90	54	0	Image pac	informats	Organic									



Thank you!



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