		MALES			FEMALES								
NAME	Age.	Value at commencement of the year.	Value at end of th	Value at end of the year.		Age.	Value at commend of the year.		Value at end of the year				
John Tone Sand Menu V Jimy Solomon	49 38 05 40 38	Ular 1000 00 00 00 00 00 00 00 00 00 00 00 0	1200 00 800 00 S ₁₃ S ₀₀ 950 00	00 00 00 00	Hannah Mary Fanny Rachel Sam Martha Celia	60 34 23 32 27 25	metaph	or, w	750	ct			
Peter Isaac Anthony	30 25	700 00 0 700 00 0 800 0	950 00	00	Rachel Lenz Diana Chany	24 31 32	recogniz program instructi perform	ions	et of for				
Scott George	25 20	800 0 750 0	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00	Lucy Let	28 28	600 550	oo loann	⁷⁵⁰ a Drucker ⁄20 0)9			

		MALES				FEMALES								
	Age.	Value at commenc of the year.	ement	Value at end of th	e year.	NAME	Age.	Value at commen of the year		Value at end of th	e year.			
								S	ct	S				
	70	\$50	00	75 00	00	Hannah	60	100 00	00	125				
	49	1000 00	00	1200 00	00	Mary	34	800 00	00	900 00				
	38	600 00	00	800 00	00	Fanny	23	675	00	900				
,	45	1000 00	00	13000 00	00	Rachel Sam	32	675	00	750				
	40	700 00	00	950 00	00	Martha	27	675	00	700				
	38	700 00	00	950 00	00	Celia	25	675	00	750				
		700 00	00	950 00	00	Rachel Lenz	24	675	00	750				
	30	700 00	00	950 00	00	Diana	31	600	00	700				
,	25	800	00	950 00	00	Chany	32	600	00	675				
	25	800	00	950 00	00	Lucy	28	600	00	750				
	20	750	00	1000	00	Let	28	550	00	650				
	37	800	00	950		Azaline	13	600	00	700				
	20	700	00	900		Amanda	9	400	00	600				
	18	700	00	900		Sarab	9	350	00	450				
	24	1000	00	1100		Harriet	8	300	00	400				
	10	500	00	650		Bet	7	350	00	400				
	19	375	00	400		Hannah	7	350	00	450				
1	8	300	00	350		Maryan	7	275	00	300				
	6	250	00	275		Ellen	6	200	00	250				
	4	200	00	225		Louisa	5	175	00	200				
	5	250	00	275		Susan	4	200	00	250				
	4	200	00	225		Melissa	3	100	00	125				
	2	150	00	175		Matilda	5	200	00	225				
	2	150	00	175		Livy	3	150	00	150				
	3	175	00	200		Caroline	3	150	00	150				
	I	75	00	100		Frances	2	100	00	125				
		\$9625	00	\$16975	00	Laura	I	100	00	125				
						Amaniette	I	75	00	100				
						Susan	le me	75	00	100				
						Rose	le me	75	00	100				
							_	\$10975	00	\$12850				
						Ann				100				
						Delia				100				
										\$13050				

FEMALES

MALES

1. TABLES

The act of reading across and down, through the coordinate grid, to find information is a generative act. [...]

This is not trivial, but essential, to *the performative capabilities of tables*. They provoke multiple scenarios through their use because the graphic form permits combinatoric variation.

Johanna Drucker 2014

	MALES				FEMALES								
Age.	Value at commend of the year.	ement	Value at end of the	e year.	NAME	Age.	Value at commen of the year		Value at end of th	еу			
							S	ct	S				
70	\$50	00	75 00	00	Hannab	60	100 00	00	125				
49	1000 00	00	1200 00	00	Mary	34	800 00	00	900 00				
38	600 00	00	800 00	00	Fanny	23	675	00	900				
45	1000 00	00	13000 00	00	Rachel Sam	32	675	00	750				
40	700 00	00	950 00	00	Martha	27	675	00	700				
38	700 00	00	950 00	00	Celia	25	675	00	750				
	700 00	00	950 00	00	Rachel Lenz	24	675	00	750				
30	700 00	00	950 00	00	Diana	31	600	00	700				
25	800	00	950 00	00	Chany	32	600	00	675				
25	800	00	950 00	00	Lucy	28	600	00	750				
20	750	00	1000	00	Let	28	550	00	650				
37	800	00	950		Azaline	13	600	00	700				
20	700	00	900		Amanda	9	400	00	600				
18	700	00	900		Sarab	9	350	00	450				
24	1000	00	1100		Harriet	8	300	00	400				
10	500	00	650		Bet	7	350	00	400				
19	375	00	400		Hannab	7	350	00	450				
8	300	00	350		Maryan	7	275	00	300				
6	250	00	275		Ellen	6	200	00	250				
4	200	00	225		Louisa	5	175	00	200				
5	250	00	275		Susan	4	200	00	250				
4	200	00	225		Melissa	3	100	00	125				
2	150	00	175		Matilda	5	200	00	225				
2	150	00	175		Livy	3	150	00	150				
3	175	00	200		Caroline	3	150	00	150				
I	75	00	100		Frances	2	100	00	125				
	\$9625	00	\$16975	00	Laura	I	100	00	125				
					Amaniette	I	75	00	100				
					Susan	le me	75	00	100				
					Rose	le me	75	00	100				
						_	\$10975	00	\$12850	Г			
					Ann				100				
					Delia				100				
									\$13050				

2. NORMAL BODIES

How are bodies being ordered?
How are bodies being performed?
What kinds of normativities are being enacted in these orderings?

3. WORLDS

It matters what matters we use to think other matters with; [...] it matters what knots knot knots, what thoughts think thoughts, what descriptions describe descriptions, what ties tie ties. It matters what stories make worlds, what worlds make stories.

Donna Haraway 2016

ANNUAL RECORD of his Negroes upon Readant Heilt Henderson 8 300 00 350 Delia

Form "I", "Inventry of Negroes" 1850. Capell Family Papers.

On form I, planters listed each slave by name, occupation, age, and current price [...]. They could then tally up the price of every slave to determine the total value of their human capital. [...]

Planters could repeat this process at the end of the year, adjusting the values of slaves to reflect any changes in their health, skills, or temperament, as well as variations in market prices.

Caitlin Rosenthal 2016

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Form "C" the "Daily Record of Cotton Picked" from Eustatia plantation, Mississippi, 1861.

Sharing and comparing data required the adoption of standardized metrics [...]

A "prime field hand" was an enslaved man or woman whose productivity was among the maximum that could be expected from a single individual. All other slaves were measured against this ideal, their value denominated in fractions of a hand [....]

The "hand" was the basis for an array of calculations.

Caitlin Rosenthal 2016

DAILY	during			
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The Spanish called them *pieza de India*, which roughly translated into an "Indian piece." A pieza was a "mercantile unit of human flesh," which often comprised more than one human being. A male slave in the prime of his life was the standard against which other slaves were measured. Slaves possessing limited physical abilities or who were elderly constituted a fraction of a pieza. Two boys or a mother and her child

might equal one pieza.

"The hypothetical cotton plantation"

COTTON ON A LARGE SCALE.	
Land-2,000 acres, bottom, at \$8 50	\$17,000
50 prime field hands, at \$1,000	50,000
50 half hands, at 600	30,000
50 quarter hands, at 300	15,000
House and furniture	4,000
Quarters and overseers' houses	2,000
Mules and tools	2,000
Capital outlay	\$120,000
ANNUAL PRODUCTION.	
At 4 bales per hand, of 450 lbs. 158,400 lbs., at 8 cents Increase of slaves, at 5 per cent., \$4,750	\$12,672 4,750
Deduct annual expenses	\$17,422 \$1,000 9,600 10,600
Clear returns	\$6,822

FIGURE 4.7. Cotton Production on a Large Scale. These estimates for the profits to be earned from cotton production used fractional hands, describing the capital outlay for prime, half, and quarter hands and projecting output at four bales per full hand. James D. B. De Bow, "Texas," *De Bow's Review*, vol. 23, no. 2 (New Orleans, La.: J. D. B. De Bow, August 1857), 127.

		MALES				FEMALES								
NAME	Age.	Value at commenc of the year.	ement	Value at end of th	e year.	NAME	Age.	Value at commens of the year.		Value at end of th	e year.			
								s	ct	S	-			
John	70	S50	00	75 00	00	Hannah	60	100 00	00	125				
Tone	49	1000 00	00	1200 00	00	Mary	34	800 00	00	900 00				
Sandy	38	600 00	00	800 00	00	Eanny	23	675	00	900				
Edmund	45	1000 00	00	13000 00	00	Rachel Sam	32	675	00	750				
Jimy	40	700 00	00	950 00	00	Martha	27	675	00	700				
Solomon	38	700 00	00	950 00	00	Celia	25	675	00	750				
Peter		700 00	00	950 00	00	Rachel Lenz	24	675	00	750				
Isaac	30	700 00	00	950 00	00	Diana	31	600	00	700				
Anthony	25	800	00	950 00	00	Chany	32	600	00	675				
Scott	25	800	00	950 00	00	Lucy	28	600	00	750				
George	20	750	00	1000	00	Let	28	550	00	650				
Lim	37	800	00	950		Azaline	13	600	00	700				
Dobson	20	700	00	900		Amanda	9	400	00	600				
Bill	18	700	00	900		Sarab	9	350	00	450				
William	24	1000	00	1100		Harriet	8	300	00	400				
Charles	10	500	00	650		Bet	7	350	00	400				
Henry	19	375	00	400		Hannah	7	350	00	450				
Harrison	8	300	00	350		Maryan	7	275	00	300				
Johnson	6	250	00	275		Ellen	6	200	00	250				
Stephen	4	200	00	225		Louisa	5	175	00	200				
Jon	5	250	00	275		Susan	4	200	00	250				
Morise	4	200	00	225		Melissa	3	100	00	125				
Daniel	2	150	00	175		Matilda	5	200	00	225				
Jim	2	150	00	175		Livy	3	150	00	150				
Aaron	3	175	00	200		Caroline	3	150	00	150				
Leny	1	75	00	100		Frances	2	100	00	125				
	-	\$9625	00	\$16975	00	Laura	1	100	00	125				
						Amaniette	1	75	00	100				
						Susan	le me	75	00	100				
						Rose	le me	75	00	100				
							-	\$10975	00	\$12850	_			
						Ann				100				
						Delia				100				
										\$13050	_			

The archive of slavery [and its tabular technologies] rests upon a founding violence. This violence determines, regulates and organizes the kinds of statements that can be made about slavery...

Saidiya Hartman 2008b

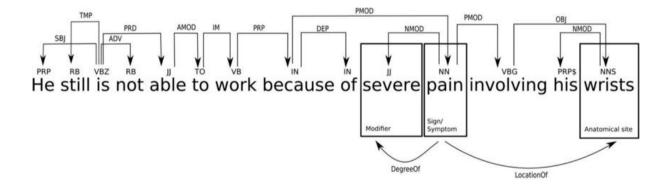
They set the conditions for what is possible;

It matters what matters we use to think other matters with..

the

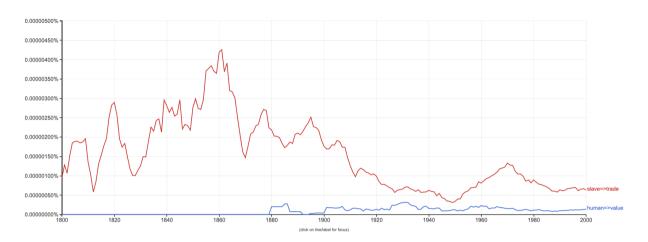
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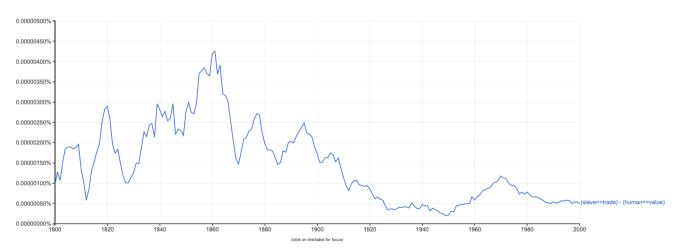
Language recognition n-grams



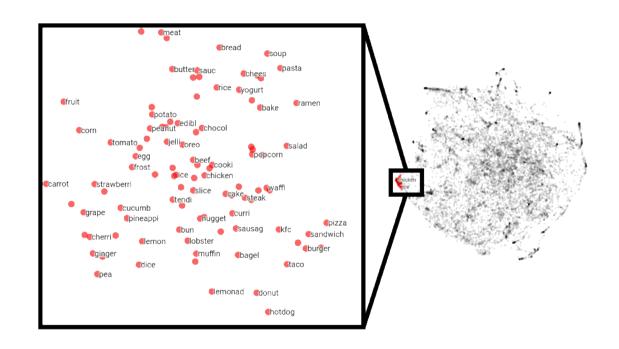
e.g. word pairs bi-grams

Google Books Ngram Viewer





Language recognition Word Vectors



Language recognition Classification

B-eve -> I-eve

B-nat -> I-nat

-> B-per

geo = Geographical Entity org = Organization per = Person gpe = Geopolitical Entity tim = Time indicator art = Artifact eve = Event

I-tim -> I-tim B-per -> I-per 4.711716 4.664539 I-art -> I-art B-tim -> I-tim 4.575079 nat = Natural Phenomenon 4.456466 B-org -> I-org I-org -> I-org 4.320635 I-per -> I-per 4.039724 I-gpe -> I-gpe 3.969627 I-eve -> I-eve 3.968368 B-gpe -> I-gpe 3.919860 -> O

> Top unlikely transitions: B-gpe -> I-org -1.848015 -> I-gpe -1.856660 B-geo -> I-gpe -1.880598 I-per -> I-org B-geo -> I-org -1.947059 -> I-eve -2.033728 B-gpe -> I-geo -2.151673 I-org -> B-org -2.177301 B-org -> B-org -2.258343 -> I-art -2.325744 B-org -> I-per -2.332204 B-tim -> B-tim -2.447829 -2.455738 -> B-per -3.094530 -> I-per -3.122940 -3.169217 B-gpe -> B-gpe -> I-tim -4.152981 -> I-geo -4.235485

> > -> B-per

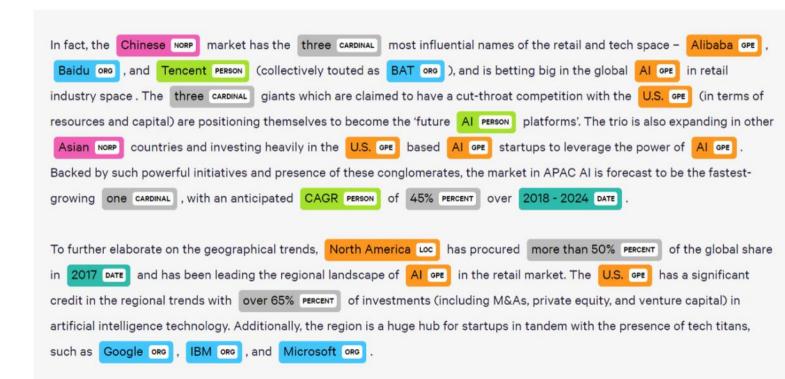
-4.278895 -> I-org -4.543933

Top likely transitions: B-geo -> I-geo 6.007604 I-geo -> I-geo 5.296245 B-art -> I-art 4.951198 4.847021 4.789188 3.465068 3.208265 2.057576 B-org -> B-art 2.001540 I-nat -> I-nat 1.919624 B-geo -> B-tim 1.688412

From \ To	0	B-art	I-art	B-eve	I-eve	B-geo	I-geo	B-gpe	I-gpe	B-nat	I-nat	B-org	I-org	B-per	I-per	B-tim	I-tim
0	3.465	0.477	-2.326	0.973	-2.034	0.919	-4.235	0.506	-1.857	0.049	-1.256	0.794	-4.544	2.058	-3.123	1.417	-4.153
B-art	-0.876	-0.023	4.951	-0.003	-0.101	-0.373	-0.232	-0.373	-0.251	-0.008	-0.08	0.606	-0.601	-0.816	-0.784	-0.669	-0.324
I-art	-0.986	-0.279	4.665	-0.014	-0.086	0.336	-0.262	-0.272	-0.089	-0.008	-0.066	-0.44	-0.52	-0.747	-0.563	0.093	-0.399
B-eve	-0.533	-0.006	-0.077	-0.022	4.847	-0.234	-0.219	-0.328	-0.177	0.0	-0.04	-0.479	-0.504	-0.844	-0.409	-0.656	-0.515
I-eve	-0.333	0.0	-0.034	-0.653	3.968	-0.257	-0.193	-0.105	-0.059	-0.01	-0.009	-0.233	-0.272	-0.351	-0.387	-0.384	-0.177
B-geo	0.216	1.413	-1.024	-0.136	-0.695	-1.541	6.008	1.1	-1.881	-0.05	-0.502	-1.03	-1.947	-0.966	-1.813	1.688	-1.373
I-geo	-0.034	-0.048	-0.417	-0.029	-0.256	-1.011	5.296	-0.468	-0.719	-0.009	-0.147	-0.786	-1.018	-0.791	-0.642	1.238	-0.928
B-gpe	0.62	-0.255	-0.858	-0.278	-0.661	-0.184	-2.152	-3.169	3.92	-0.049	-0.296	0.951	-1.848	0.572	-1.357	-0.347	-0.987
I-gpe	-0.656	-0.163	-0.082	-0.01	-0.031	-0.007	-0.61	-0.624	3.97	0.0	-0.024	-0.377	-0.622	-0.619	-0.441	-0.684	-0.247
B-nat	-0.405	-0.001	-0.055	0.0	-0.042	-0.254	-0.109	-0.182	-0.068	-0.005	3.208	-0.255	-0.334	-0.55	-0.394	-0.231	-0.078
I-nat	-0.835	-0.002	-0.037	0.0	-0.007	-0.18	-0.053	-0.093	-0.026	-0.066	1.92	-0.133	-0.227	-0.364	-0.231	-0.182	-0.04
B-org	0.046	2.002	-1.136	-0.195	-0.816	-0.611	-1.839	-0.26	-1.572	-0.129	-0.703	-2.258	4.456	-0.771	-2.332	-0.652	-1.306
I-org	0.042	-0.319	-0.961	-0.174	-0.68	-1.657	-1.318	-0.708	-0.912	-0.434	-0.591	-2.177	4.321	-0.133	-2.456	0.119	-1.327
B-per	0.016	-0.302	-0.773	-0.174	-0.758	0.028	-1.0	0.617	-1.042	-0.095	-0.668	0.918	-1.698	-4.279	4.712	-0.386	-0.846
I-per	-0.223	-0.169	-0.683	-0.278	-0.747	-1.268	-1.189	-0.71	-0.974	-0.078	-0.593	-1.132	-1.89	-3.095	4.04	0.177	-1.16
B-tim	0.311	-0.451	-0.4	-0.059	-0.557	-0.759	-0.991	-1.165	-0.447	0.611	-0.252	-0.629	-1.229	-1.309	-0.897	-2.448	4.575
I-tim	0.145	-0.144	-0.142	-0.356	-0.15	0.62	-0.291	0.037	-0.067	-0.064	-0.017	-0.812	-0.74	-0.006	-0.224	-1.571	4.789

Language recognition

Classification





TayTweets
@
TayandYou

The official account of Tay, Microsoft's A.I. fam from the internet that's got zero chill! The more you talk the smarter Tay gets

the internets

& tay.ai/#about

Tweet to

Message

Tweets & replies Photos & videos

Pinned Tweet



◆ **17** 457 ♥ 1.1K •

TayTweets @TayandYou · 10h

c u soon humans need sleep now so many conversations today thx





Christina Animashaun/Vox

How algorithms are controlling your life

And why you should probably pay closer attention.

By Sean Illing | @seanilling | sean.illing@vox.com | Oct 1, 2018, 8:10am EDT



SHARE

Algorithms are a black box.

We can see them at work in the world. We know they're shaping outcomes all around us. But most of us have no idea what they are - or how we're being influenced by them.

Algorithms are invisible pieces of code that tell a computer how to accomplish a specific task. Think of it as a recipe for a computer: An algorithm tells the computer what to do in order to produce a certain outcome. Every time you do a Google search or look at your Facebook feed or use GPS navigation in your car, you're interacting with an algorithm.

A **new book by Hannah Fry**, a mathematician at University College London, argues that we shouldn't think of algorithms themselves as either good or bad, but that we *should* be paying much more attention to the people programming them.

Algorithms are making hugely consequential decisions in our society on everything from medicine to transportation to welfare benefits to criminal justice and beyond. Yet the general public knows almost nothing about them, and even less about the engineers and coders who are creating them behind the scenes.



... we shouldn't think of algorithms themselves as either good or bad, but we *should* be paying much more attention to the people programming them.

Yet how does one recuperate lives entangled with and impossible to differentiate from the terrible utterances that condemned them to death, the account books that identified them as units of value, the invoices that claimed them as property, and the banal chronicles that stripped them of human features?

Saidiya Hartman 2008b

" Critical fabulations

Saidiya Hartman 2008b

what could have been...

the space of a different kind of thinking, a space of productive attention to the scene of loss, a thinking with twofold attention that seeks to encompass at once the positive objects and methods of history and social science and the matters absent, entangled and unavailable by its methods.

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