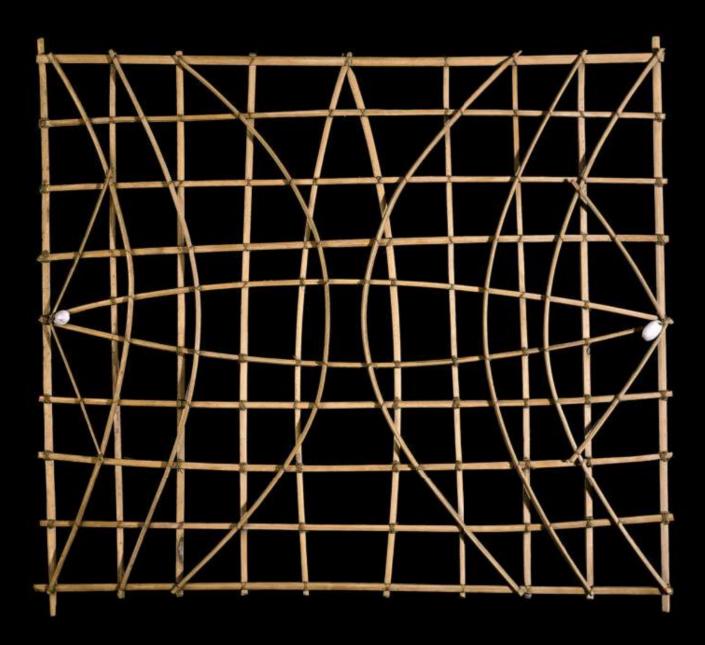
Data Visualisation for Positive Change

Laura Knight, MA Communicating Complexity

Reinterpretation of the world is a collective endeavour

Boaventura De Souza Santos, The End of Cognitive Empire





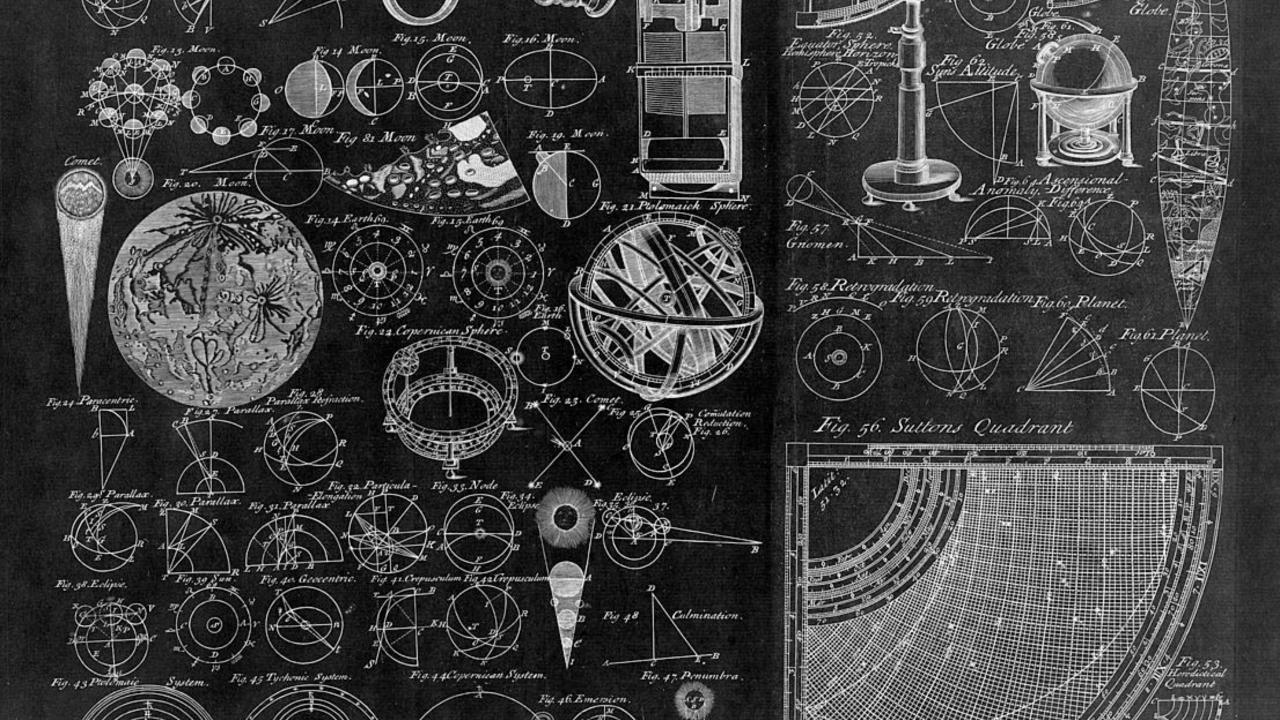




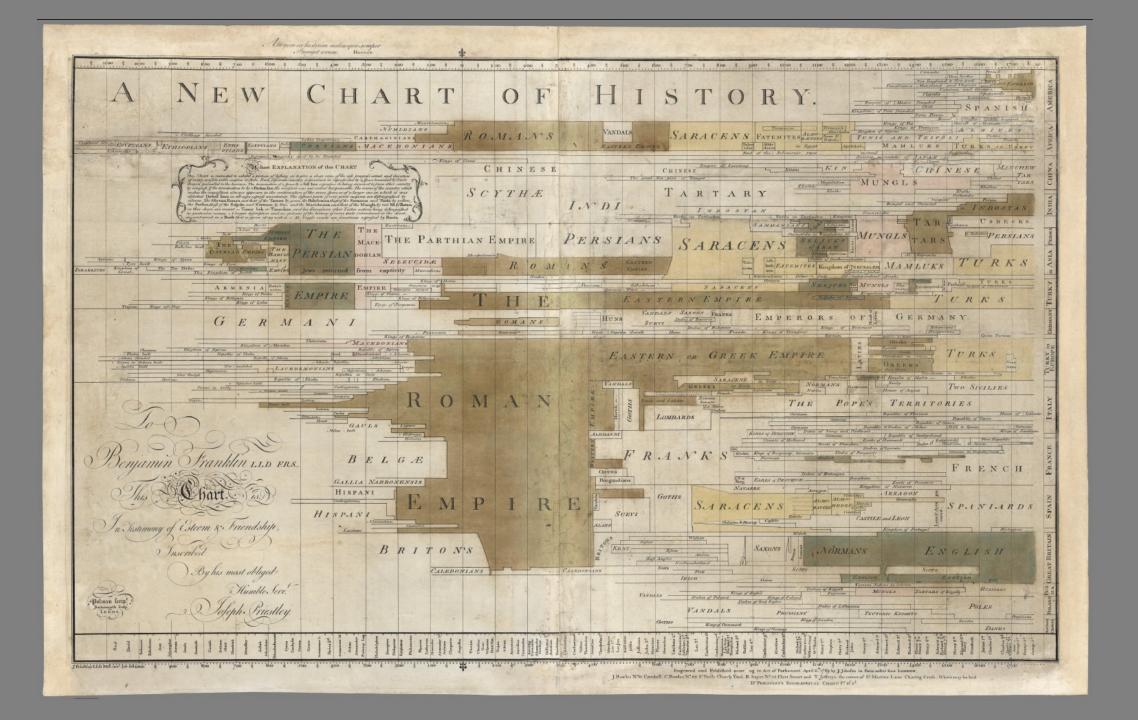
Total marriage and divorce rates by sex, England and Wales, 1991 to 2020







												1		
The Church, and of the Jews. A the PROMISED SEED. The Case his brocker, theories Case kill kins the option of the brocker, theories of the first the option of the brocker, theories of the first the option of the brocker, theories of the first the option of the option of the option of the first the option of the option of the option of the option of the option the option of the option of the option of the option of the option the option of the option o		VIE From the Crea	ation, to the Destruction	ı of Jerufa	alem by:	ERSAL Adrian, in the year of celled Beles. Server. James. dv. Ja	the Wo	orld 408	4. and of ; behold i	Christ 135. Le Worses of G		RD-our Get unog	bulis hi	E ut s u quar rè inn
	naan. Phut. Catabin.	Seba, Havilah	Cuth. Elam, Athur, A Tortian Advisor. A. R. smath, Nimerold &c.	Arphaxad, Lud, J Sida Zhr Price Lystane Stray	Un Hiller A Gener		The second	there is it called Previously		Methech. Tiras. Activities of Planates End of a		CS	À	See.
in) the Earth was decided by Seak among his Sea. One Employee. Additionary of Prophy advecad brough of their provat Employee of Semon Are. Second Are. Second the second	to wate as Wills O	o a thrapic to Array	WYLON. CHALDAA ASSTRIA Mean angled to before have do low of the called Police, and o lad, hence fails over called Police and o method with a citica of a gib to the police of the call of Sealar before the former by "conditions of Owner States" manage by "conditions of Owner States" manage of "conditions of Owner States" manages "congelor Kaff Bartrans or "Smar.	And Neurole Idvisor	GERNANY Talis cal a to see of Neaks San To Rama	GREEC ATHENS, THESSARY, PHOLIS, BOOTIA and the Hydroy of Orace momend. There were may known and hates in Oraces, belief shift for down in the Edm. a dranding Edmire In- last for down in the Edm. a dranding Edmire In- last Rows, Benin Justice Softwarene, So.	CE me top to Lacenorma A Son		TROY	WRITERS extant & other LEARNED MASS Sense are all for down in down of the other Channes		and Vortumnus fail to be here.	SPAIN. Tubol and	
i de landel with B. Sm. per av tak og ve lande ha Genetergermen vær formel og Ganaam (dæ por poer of bervinde byse vor e I Admand av horn v.e. tarvel vikselane sjelregel by for from hannen. Let norder I Island var e norgetal to Sociefic Beace vik Historik de Mende Aminen.	e bethe forft share who are liked if has do Trath of Gott the net written alight suit to payle and, for	Adventure is Josephered to the Second	transe build walts about Tadydor, conserve much se, glee Berodenez place Roma Ad ere o Perphysic pla- em in the sum of the Proim wal. Ad erec er Sone. Textro lo faid the Depire continued about ere of foreigneets, which core sum the order do. In foreigneets, which erec glownar is implement on the following Roys who prev glownar is implement.	Abraham to Insur Miraham to Insur 2019) Als Country - Gau-	Ingurya Lateria i dia badi Disa ma dia direma Venter.	All deft Engleren were obspediete Censummendels, abere die jaar appenzungen Euseria die power of Fang tere zum and bestel die Zugergen, Rus The Polisieg, wie inme from Tealing, or gield the Albere menne fang is kom 1604 f. die Anhabitutt of Gener, an te basie fand dieffe in Arrendus menne wei wester on	1 1	nacha ParinaP		Many harmed one of sits of two games have how a shall of develops a other Research had their Anterpolicies Latters, 9 «Thirdshift from f Mohores had the in Affricands of Signal of Exceedule they per from theme by their Father States and		akhnes wer Linigena, e Scak . 1 a Temple v Tanns .	Then, ind	Darros . Drago . Dardas 1.
n Sala ha berberghe, e.e., ¹⁷ Abraham Lilla dallera he Kerned, of the Philithese e.e.s. of the Philithese e.e.s. the philithese e.e.s. Resploy to have band of the philithese dallar dallar dallar dallar dallar dallar dallar the philithese e.e.s. Resploy to have band of kindel of Liphan front have de terms. Tomar Kendel Analda a hattard. Sec. 20 Tomar Kendel Analda a hattard. Sec. 20	AT BAR HAR WARD AND A TO AN Reduction A to be Atom A to b	The Engle of Hern re Applier Hormony Amarke Royan & Roughus By andry Software Re- of the Opping Days Action manifolds	But their Konse are here for drewn ent of Borefin is in Advances, transcribed by Robins "There sees, Bary Karyo is not phases in Alvahan ent the sees in Advances on one task in Advances is an in Advance time Denhald Cold West Schwart Longer in Advances to Denhald Cold West Schwart for West Schward (Den wang Agest gifter	and i a fallet d.	Hermin Aufle Diris, come and saches them Tillage de	The Enter's Actions of the Lenses, diverse the adult Kellen (Morrisol angely) Accidents of Thirdey Lender Boren, Bu Server senses () Folging and Action (Thirdey Senses) Server Senses and () Schward Actions (Thirdey Senses) Server Senses () Schward Actions (Thirdey Action () Server Senses) () Schward Action () The Schward () Senses () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schward () Schwa		B Bornerar, an del ane del Larie del Larie della del della d		areas or plan are our Midney of		An Ceres.who sault the pople Tillips of brock ashers placks in Thylice's the	Distant, Are distantistica faith description Georgeneos Loning Jongeos V by	Longo Randes F
6 GOD by prigrer to called Essendi Zana mode him & a kind. propri ha family & gans to Belled. 2000 renews the Transition to him. Conference mine Registry, as: "I Dampional of the sender of him of him. Proprior Management & Dampional of the sender of him of him of Registry (Management & Dampional of the Sender, as: number) Joing Forcial by the families & institud by Leoph, Level.	and the second of the second o	3 ⁴⁴ Tynady: Thomsia Philoson Chancephie Physically, Spar Physically, Physically, Spar Physically, Spar Physical	Advertisem	TANK S	Canto Dan.	The Annale called changing in consequences. Description of Description in consequences. I The Annale 3 The Thirds which forwary from the sec- st The Thirds which forwary from a 4 The Kohok which forwary from a 4 The Kohok which forwary from a 1 The Kohok which forwary	Aparts Aparts	Andream Press Research State State State Press			Aren .	um cas à is chafin king, se ca-sure. Natur f Latriqueine	Control and a sign of Control and a sign of Second States (Accurate States) (Accurate States) (Accurate States) (Accurate States) (Accurate States)	
ary ho bener into Canam with thom, on . as		⁴⁷ Denovie J., Runn Die nachte J., Runn die Jacobigdine: Koste Parton "Ubertaumenter Ausgeber "Die nachter	The Chromology of Xidoises pile agrees with 5- the how different because his Tables being point and parently approach. The Hallans Period is prefated to the prom- wish by many Obsendance as a commit may a did by many Obsendance as a did by the second of the second as a did by the second of the second of the second of the second as a did by the second of the second of the second of the second as a did by the second of the second of the second of the second as a did by the second of the second of the second of the second as a did by the second of the second of the second of the second as a did by the second of the second of the second of the second as a did by the second of	when the second of the	Kindale Ento, de Jorman Mercenyo Alban, de Vennat Nercales	Demonstration of Ather for the other, Athreasements, "Athera K. of Manager Samera is the Angelet" oper Concernor Agent, concerning of Engert Angelet, inter- Mana and the first time and other for the name of Dates of Papeline Traje A seading Theory of Papeline Traje A seading		koner. Lerhan, Nguar-	Midan E			Wene of Spine, rake over ske Littigena . I Aberigene Bolgij, vite ome vat of Arcake under Charten obe fon of Lycart, mission to. Topier Rarger	Engrand with the Altern of Aller in Easter Ageneral Science (100 also	Saberaria Errain Karben Engeller
17 wild Asthey, (**A ansame d.) • Phenesch have also a supported. Kannas Quali pieve, The Solidarth removed, Analeke, compared. Kannas Quali pieve, The Solidarth removed, Analeke, compared. • Constraints and the Solidarth removed by first from basers. • Strengt Annas & Southel Quality pieve a Fayers have been been basers. • Strengt Annas & Southel Quality pieve a Fayers have been been basers. • Strengt Annas & Southel Quality pieve a Fayers for the Solidart and • Southel Quality pieve basers for the Southel basers. • Southel Southel Quality pieve as Fayers for the Solidart and • Cashes of pieve of The Southel Southel and Solidars of Quantum Cash • Cashes of pieve of The Southel Southel and Solidars of Quantum Cashes • Cashes of pieve of The Southel Constant of the Solidary and • Labor of the Cashes of the Constant of the Solidary of the Solidar and • Labor of the Cashes of the Constant of the Solidary of the Solidary and • Labor of the Cashes of the Constant of the Solidary	1.42 2.10 Nonbers. 2.11 Deuter coursy. 18.10 19.11	ver wie fand zijner Paalten Mannekere Aansterne zi Aansterne zi Aansterne zi Aansterne zi Aansterne zi Aansterne Aan	(a) y ² cou ² page of that Bread or agree much a bit Landsan before that, or high as the stability of T Demysical, of Yame glights Cony, or y ² Edgins air or older about they course, of high staff Eddineter Watte Thread which the Kernetiene Chenocology, which H about the Creatility, that it is may be accommoning a correctation of Chenachypers, and ylense for a 3 Hash Broughts or from other binder which may be about the Assemption on the Mark the Integration of the Start Assemption is a theory the Startantic Chenachypers and or the doubling reader of our second structures of the Astronomy Bone Startantic Chenachypers and the Startantic Bestrature C.	evendad by pool dashore- berg dash, day apple tile Dokid pet, raw mick terd to the defond - Soule of database assume bet the Way or gill of any Rushin Witten, we Chronology in y' fample	Алога был да ск Дара Аластан Карала Санатан Карала	Personan K. of Digital of some Flored as in time. Jerusal Commun Lightness, separate by despektives Analytickives K. of Antonio wer chind of Gonze Refere K. of Therein, State and Communication Refere K. of The State K. of Antonio Contense K. Analytics, and Antonio K. Analytics, and Antonio Research and the Inter of Antonio Personantines to Ken & User, K. of Antonio Personantines to Ken & State K. of Antonio	Leles. By		Re and a fast		alter, Barri Bijerkama, Be anne fier Rang of the const Baker are Construy mail Easter, russ b	Tricast	Scatter, Join the uses in Scatter from the Tyle agodt a who' Egyllamic Scatter - Scatter -	Advances of Real Second Sec
red Baalim, a Oddo gave then up to force their Eurorius. (* Euro of Recognition for adapta) to Wor of Foogmanic for adapta) to Rochbeter. nemer had about go yours Proce.		P. Lanaphis 1. "Thistance apDraw? (Disposition Workshow Regy grans Resc. '95 plan and "Elan and a Ranche en Atta amar in pictural." "Elanguiers." (Leutolus)	A spire folle the Creation to an CORTE filter and the control of the control of the Creation of the Creatio	a compression for another of the state of th	adger.	Pender, Holmehr Alagar he dagdere, Dener ef Buchten de Sylve Courses Fordheiten Rouel & O'Deac The Effense Gaser Sparse The States Course Sparse	ir Landonin (A. a. a. a. Aarolin (A. A.	Aren , Lipoport , Line den , Aren , Line den , Aren Aren , Aren Ar	Silvydan Briddhar Rafrydan Bryn, nait Rafrydan Bryn, nait Silvydan Graymad Silvydan	CERTER Import, respire Perspire, respire Import, respire Impor	In MAR and Poly(K. Annaly of the Xing Tragment the	Aller de Exercise sons a claime of che phit vel Exercise inspaces habitant es el cheix durat chiage frien de Edern et anno 2000, è Othologiane Escar Alban Alban	Erits, s Libyan Arguntesha ali s lay Ed. Iba bak Erimu	Raute page
t. 3 Serv unter Schie Ung of Genue, 2010 Fank in of Bernytheorie Fank in open by Horing 1 Libraria fan 1		Canangeheler. *Laungeheler. *Laungeheler. *Chalace.	The Refleres of the Experime and Children to the second second second second second second second second second second second second to the second second second second second the second second second second second second second the second second second second second second second the second second second second second second second second the second second second second second second second second the second secon	an well by Manufac and possible for exclusion modulizing of the Obld Toky bergy put one by Koupel the second second second	Larris or Larris	Courses 2: Tenneder K. of Person and the second secon	A PARA		Pilane Barnes	Edition for the details of the detai	Lunus and Rea	BCRIGISES . Tablese Kag of Askens series, is reacted and that Instates. Detty Typelse Ka de data hides tagk, reader dan Bilagi Cale manyan. Cale May Colory / A Dentes.	Ader Fater. - Baccher. - Main - Philores. - Thiores. - Comp. und An. - Marker. -	Lemanner - Diblie - Galacee #
									1-1-1					

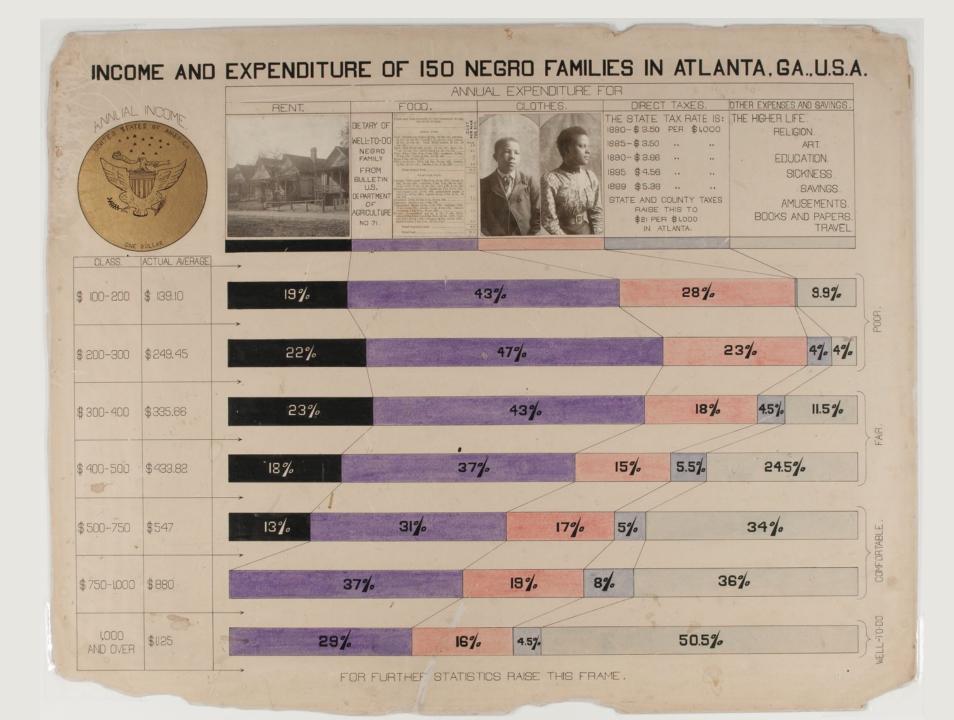




Explore the Shape of Change

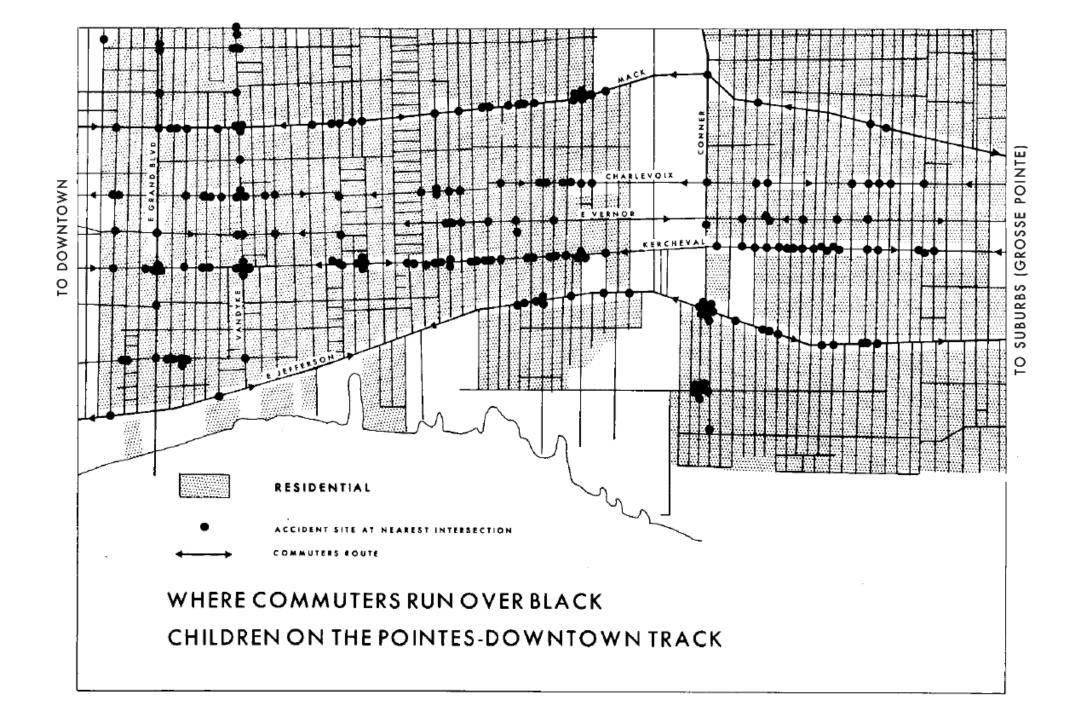
Use the table below to explore how key statistics regarding health, education, economy and other topics have changed through the years.

Section and Development 🔐 Quality of		ନ୍ଲ Quality of Life	fe 🕑 Energy		Slobal Health		S S	Sustainabil	ity and Cl	S Economics			
	Statistic 🛧	:	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
\$	<u>% of Boys Not in Primary School (9</u> of primary school age)	<u>% of boys</u>											
\$	<u>% of Children Not in Primary Scho</u> <u>kids of primary school age)</u>	<u>ol (% of</u>											
\$	<u>% of Girls Not in Primary School (?</u> primary school age <u>)</u>	6 of girls of											
æ	Access to Electricity (% of global p	oopulation) -						_		_			
æ	Access to Internet (% of global po	<u>pulation)</u> -		_		_	_		_	_			
<u>m</u>	<u>Access to safely managed Sanitat</u> global population <u>)</u>	<u>ion (% of</u>											
£	<u>Air Pollution (number of deaths fro air pollution)</u>	om outdoor											
S	<u>Biodiversity (Global living planet ir (1970=100%))</u>	ndex -											
Ø	Coal (as % of global electricity pro	duction) -			_								
5	<u>Countries Who've Eradicated Mala</u> <u>countries)</u>	aria (no. of											
6	Economic Freedom												



It is a peculiar sensation, this sense of always looking at oneself through the eyes of others

W.E.B Du Bois, The Souls of Black Folk, 1903



Geography is often defined as the study of the earth's surface as the home of man. But the view from which men's home?

Dr. Bill Bunge, Society for Human Exploration, Field Notes I



Laura Knight, Gentrification Datazine

Subjective Mapmaking

Hannah McNally & Laura Knight (2017) Subjective Mapmaking

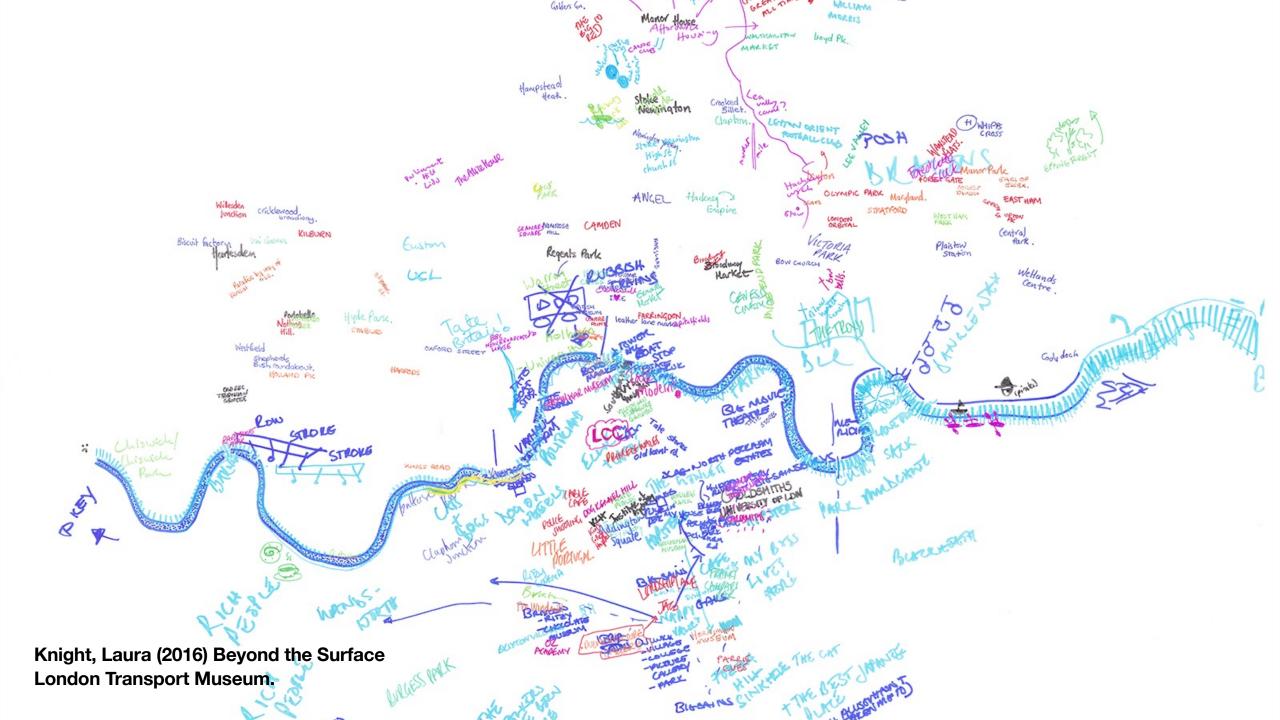
Hannah McNally & Laura Knight (2017) Subjective Mapmaking

Time Summer SWIME DANUNKE SIGHOPS GATE AND WISITING RESSY STARE NUSIEST UNITION NIGHTS LONDON Ð GIRL JAM THE CHARLESTON TH OTCKARD WITH RIJUN TRUP R 93 Feet Eaut ATE NIUH Hannah McNally & Laura Knight (2017) BRUG Baid NUSHED OFF. Subjective Mapmaking 0 BRICK LANE MATT

Knight, Laura (2016) Beyond the Surface London Transport Museum

eve

Has





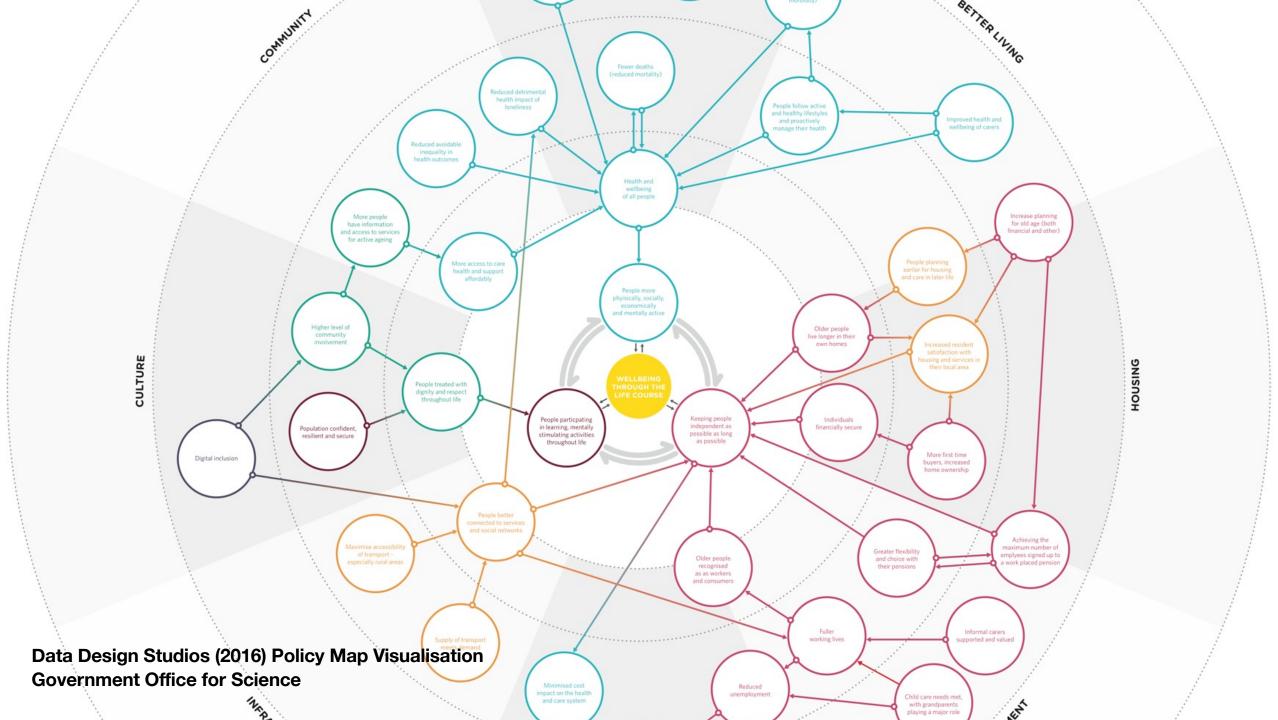
Knight, Laura (2016) Beyond the Surface London Transport Museum.



Knight, Laura (2016) Beyond the Surface London Transport Museum.



Knight, Laura (2016) Beyond the Surface London Transport Museum.



Data Design Studios (2016) Policy Map Visualisation **Government Office for Science**

Changing roles w

traditional assum

about who prov

50

The provision of informal care

geographical spread of famili and increasing childlessp

is challenged by the increasing

be used rates

from an older

Houses with older people (over 65)

· Private

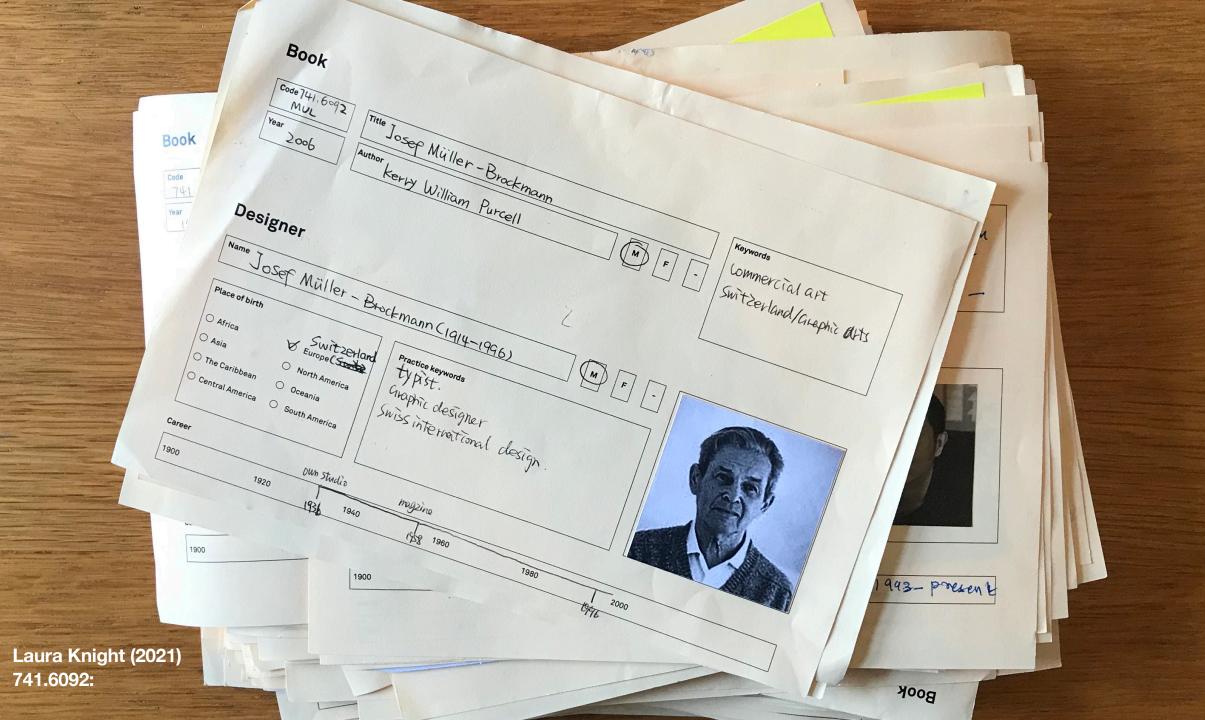
##Foresight

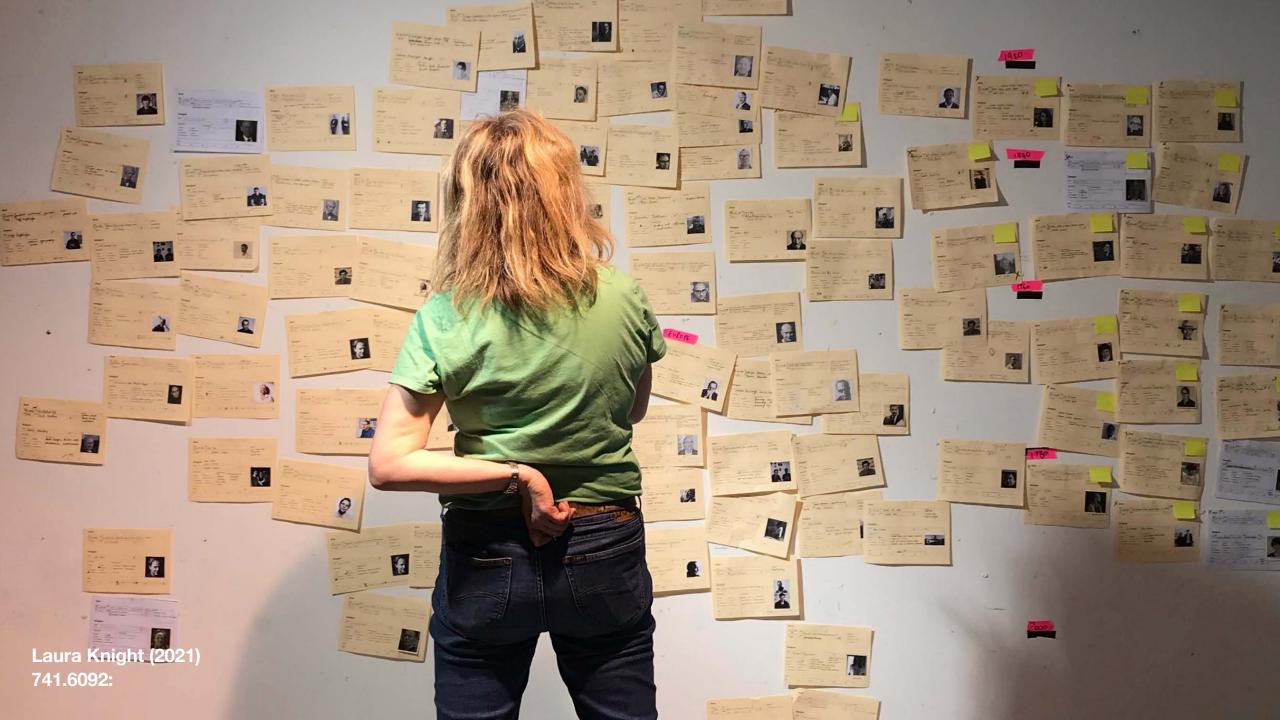
by English region and tenure.

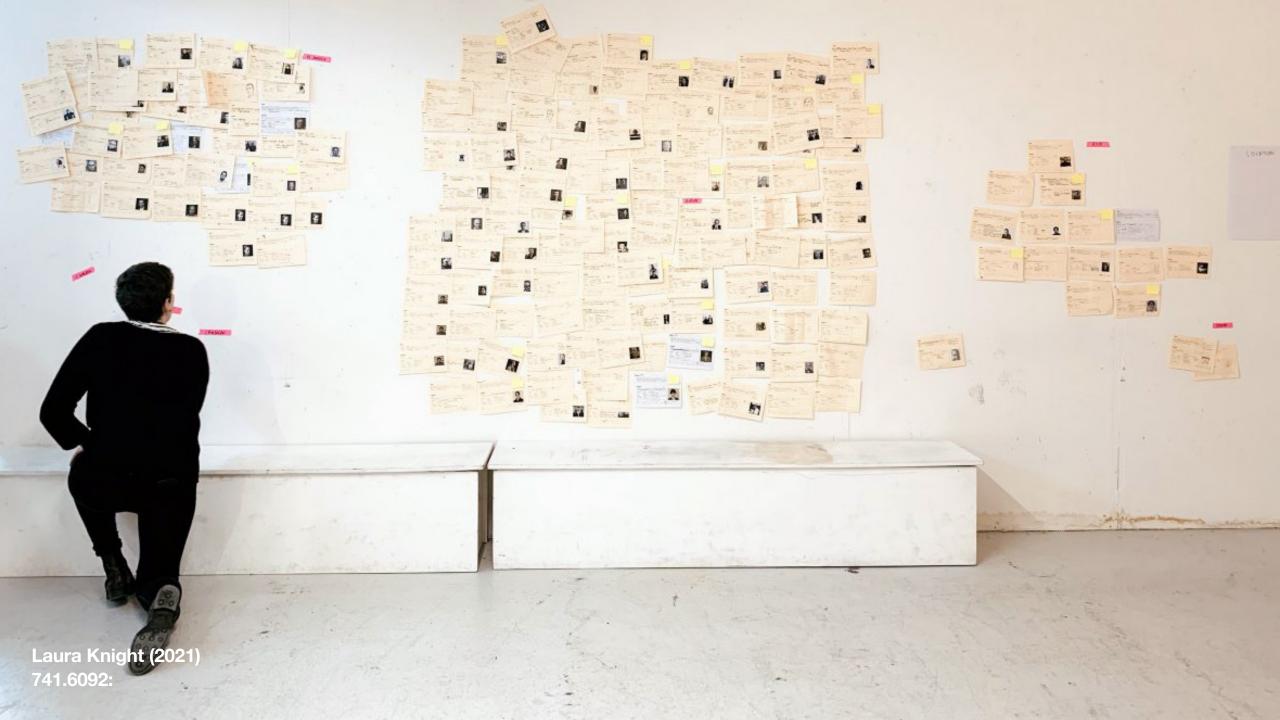




























Revolution is not a one-time event

Audre Lorde, The Masters Tools Will Never Dismantle the Masters House

It is becoming always vigilant for the smallest opportunity to make a genuine change

Audre Lorde, The Masters Tools Will Never Dismantle the Masters House

Laura Knight MA Communicating Complexity

#laurahknight