Tableau during the Day

Leicestershire County Council

Robert Radburn

Tableau during the Night





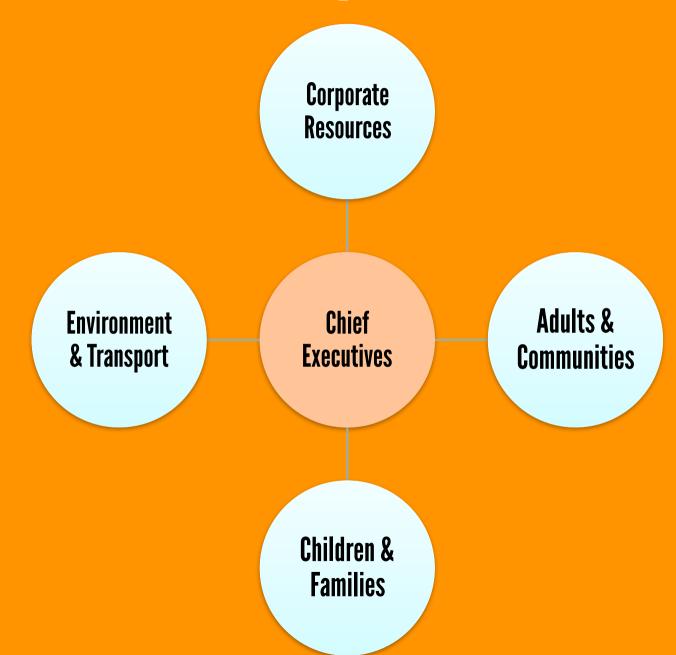
But, where the hell is Leicestershire?



Tableau during the Day



One Council, 5 Departments.



Business Intelligence Group

Operational BI

Strategic BI

BI Development

Education Performance

Children's Performance

Insight

Development

Adults Performance

Corporate Performance

Public Health

£150 million

Last 4 years.

£50 million(ish)

Next 4 years.

So there is a need to use Our Service Data to redesign what we deliver

Two Major Issues

Data Access Data Literacy







Education Performance



Performance





Adults Performance

35(ish) people





Insight







Public Health















Running a BI team means...

- Automation, Automation for BI.
- Only Enterprise Tools: Not a bunch of hobbyists bit of d3, bit of python, bit of Excel/VBA/macros.
 Not looking for a BI unicorns.
- •One Team to get the data, One Team to analyse it.
- Build it and they will come.

Now - "BI Stack"

50 users

Enterprise Viz





1,800 unique users/month 35,000+ views

Data Shaping









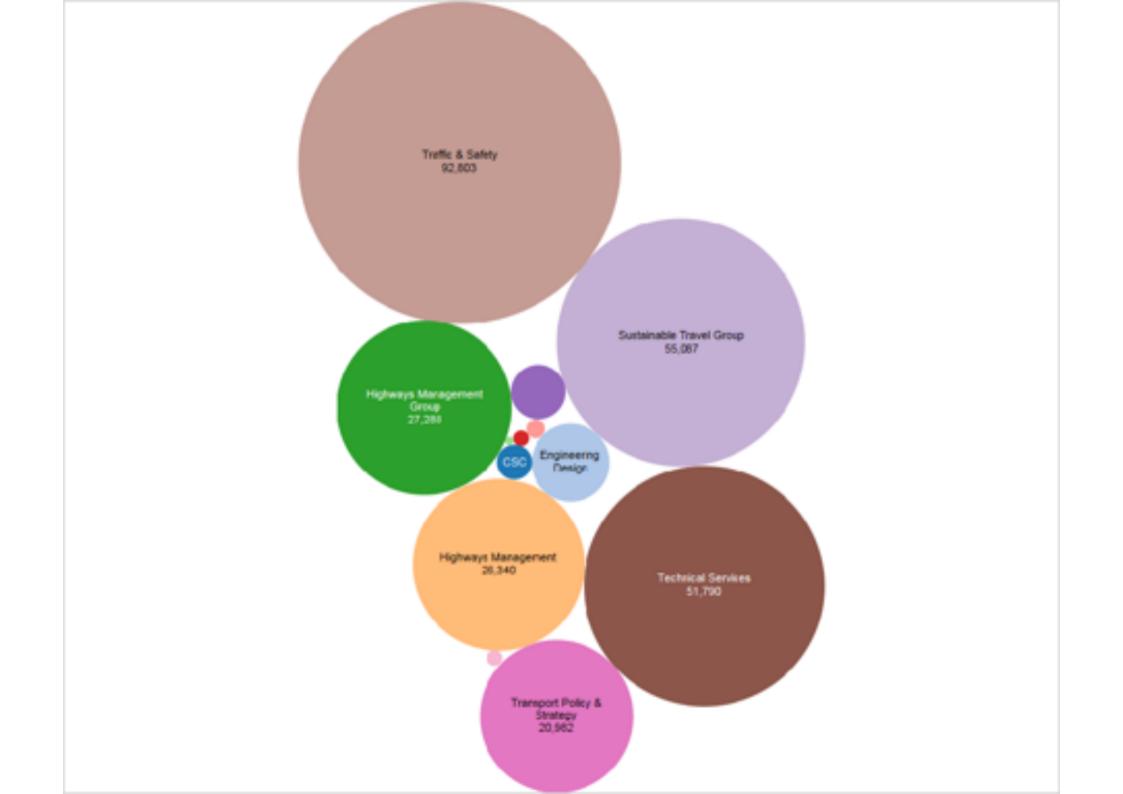
Data Storage

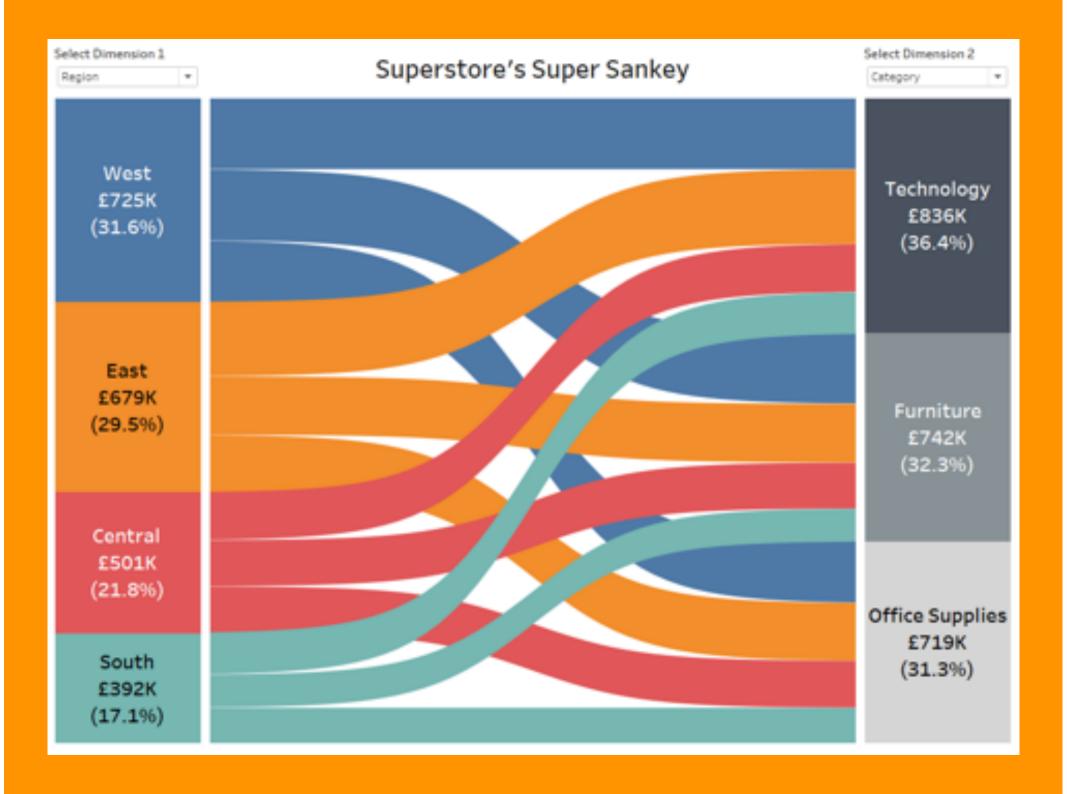






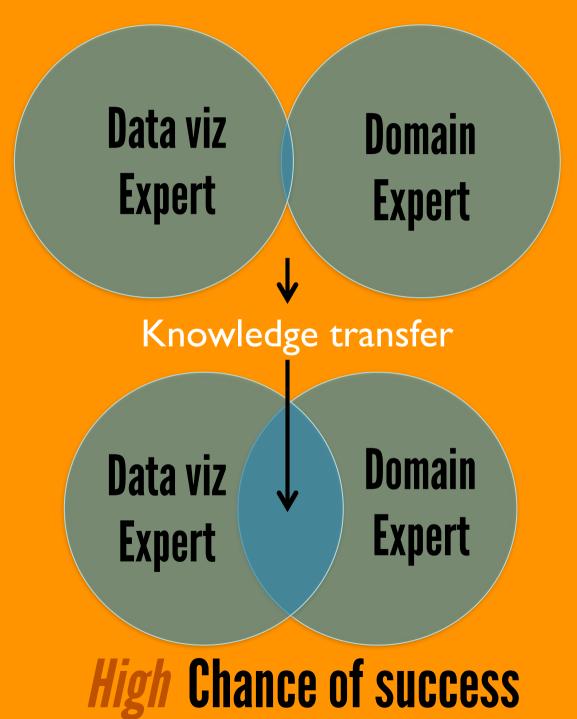
	Central East International									South	West
2	Customer Segment	North America	North America	Africa	Asia	Australasia	Europe	North America	South America	North America	North America
Profit	Consumer	\$64,281	\$81,174	\$50,236	\$478,595	\$20,318	\$153,657	\$35,129	\$130,994	\$26,558	\$54,547
	Corporate	\$210,126	\$144,866	\$171,766	\$1,097,258	\$9,611	\$183,048	\$257,901	\$364,932	\$23,243	\$127,303
	Home Office	\$136,231	\$78,402	\$204,673	\$584,983	\$18,134	\$195,124	\$25,483	\$129,098	\$40,036	\$29,201
	Small Business	\$109,187	\$93,124	\$170,500	\$514,273	\$40,976	\$110,923	\$87,600	\$371,839	\$14,364	\$99,799
Sales	Consumer	\$404,292	\$480,805	\$183,884	\$2,368,746	\$119,382	\$542,406	\$81,378	\$779,558	\$329,780	\$620,338
	Corporate	\$1,042,483	\$818,102	\$715,669	\$4,333,195	\$120,967	\$761,844	\$733,049	\$1,370,751	\$569,904	\$838,901
	Home Office	\$709,259	\$506,332	\$633,878	\$2,639,127	\$115,135	\$818,546	\$136,963	\$743,547	\$427,010	\$526,351
	Small Business	\$384,308	\$617,565	\$537,797	\$1,962,554	\$59,627	\$481,741	\$327,993	\$914,788	\$270,652	\$405,849
Shipping Cost	Consumer	\$8,148	\$6,766	\$904	\$11,148	\$297	\$2,360	\$423	\$3,344	\$4,932	\$6,634
	Corporate	\$15,939	\$8,936	\$3,441	\$18,940	\$358	\$3,539	\$2,577	\$8,540	\$8,102	\$9,751
	Home Office	\$9,435	\$6,779	\$2,710	\$11,861	\$562	\$3,108	\$843	\$3,432	\$6,049	\$7,134
	Small Business	\$5,952	\$7,912	\$1,656	\$9,212	\$102	\$2,792	\$1,319	\$3,596	\$4,247	\$5,889
Profit	Total	\$519,826	\$377,566	\$597,165	\$2,673,108	\$89,040	\$642,751	\$406,113	\$996,863	\$104,201	\$310,849
Sales	Total	\$2,540,342	\$2,422,805	\$2,071,228	\$11,303,623	\$415,111	\$2,604,536	\$1,279,362	\$3,808,645	\$1,597,346	\$2,391,439
Shipping Cost	Total	\$37,475	\$30,394	\$8,712	\$51,161	\$1,310	\$11,798	\$5,162	\$16,912	\$23,331	\$29,408

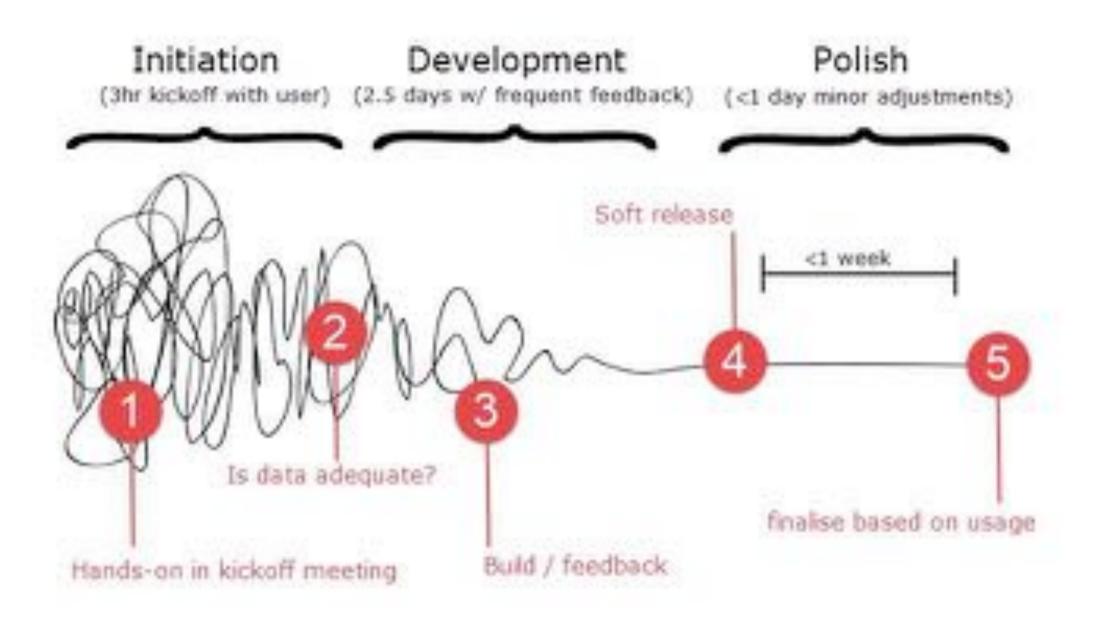






Low Chance of success





DASHBOARDSIIII





Tableau during the Night

View profile as



Others:





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School workforce in England: November 2017

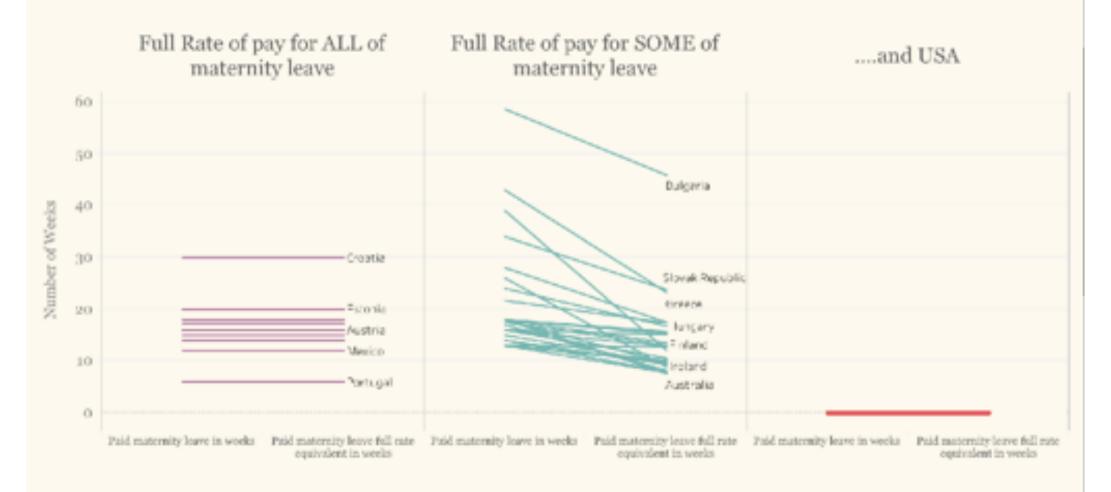


Dying Homeless

source: OCED

The USA stands alone when it comes to Maternity Pay

No items highlighted



Male stars can act their age, why can't women?

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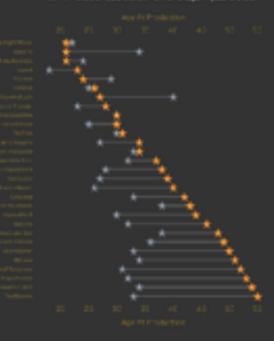


Select a leading man



Taméndo.

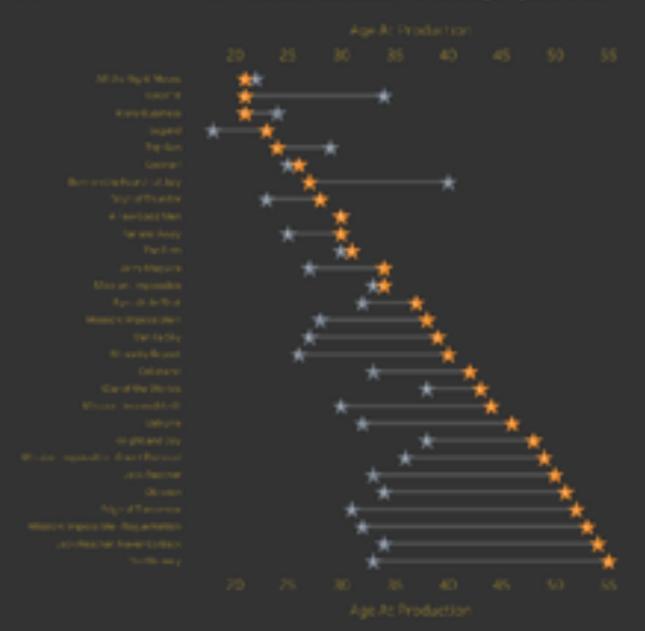
29 films as a load actor. on average Typors elder



司司の金を司を引起引きのの意思

Tom Cruise

29 films as a lead actor, on average 7 years older

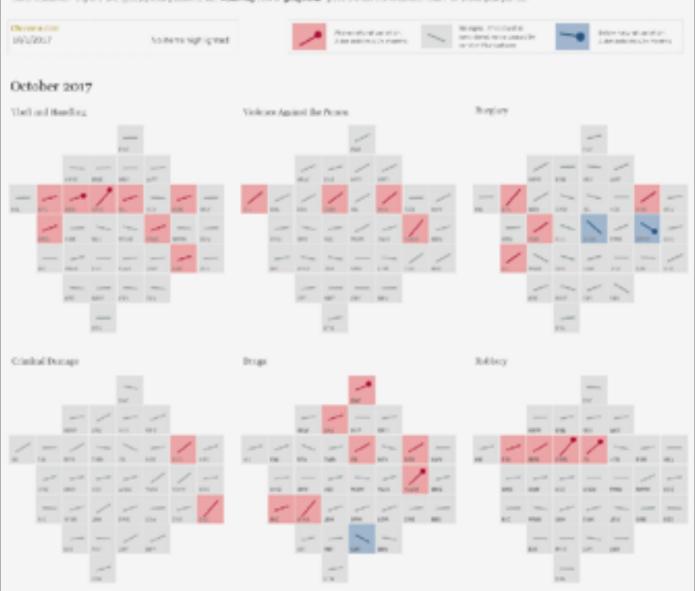


Understanding London Crime

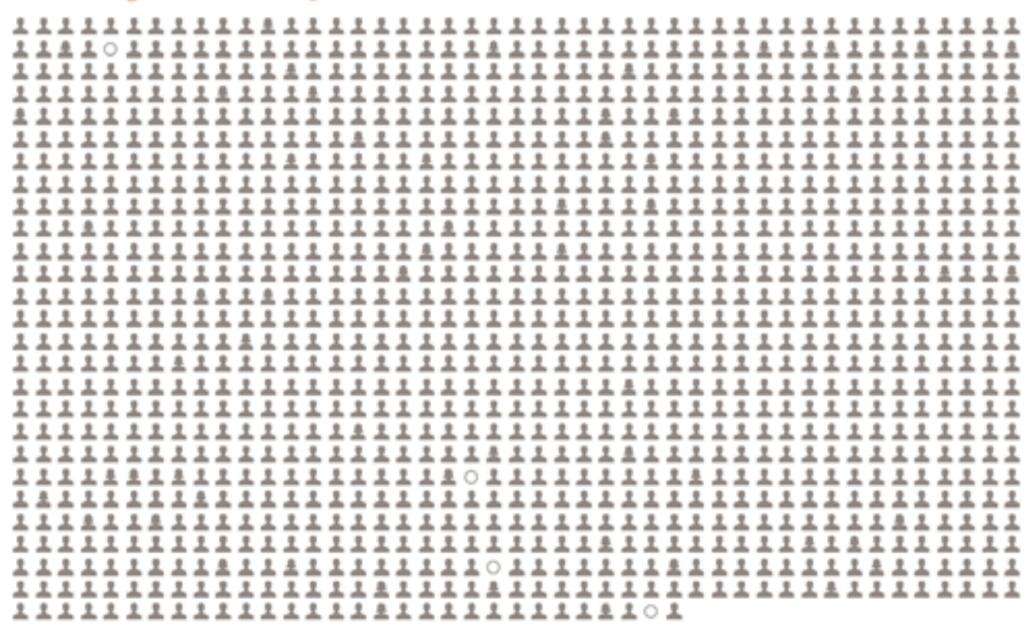
Separating the signal from the noise

One cost for or inspect, you find through it crime that are so different from an expectation they require action. One perceive is the return increase in or inspectation. Description from patterns, DNS thanks allow up to expect a data values that he within an expected range of variability from its vest that receives at more systematic data range from processation or a "highest".

Enchange and in a bondon Concept. The **angle of the "gauge lines"** is easily to color out the difference between the union of the lines of the point and the cover i mean for two years. Only applicat representate higher from the solutions of the control of the analysis will consensus ye other totals. Therefore, in the control of the distribution of "top or o" and included a control of the distribution of



Police Killings in the US in 2015



Tour De France 2018

Foliage-results & cumulative times are aligned at the median, which corresponds to the polaries'

*click any line to vigolight poetion in other charte'

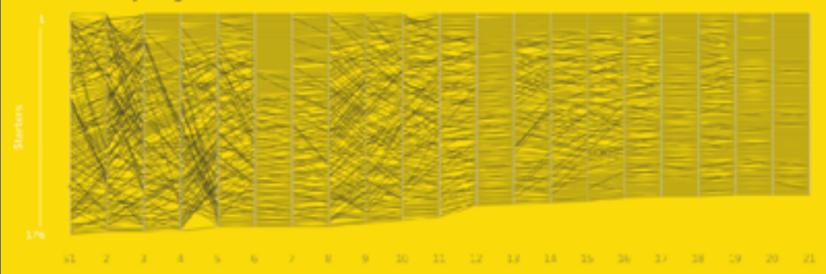
Graphic designing Martin Thorn. Beta for our fire

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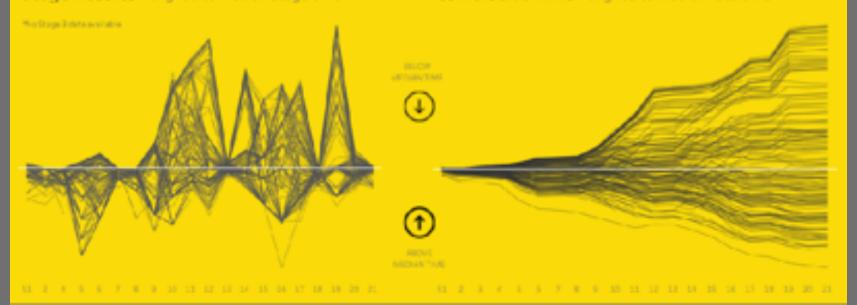
Winner of Yellow Jersey: GERAINT THOMAS

Overall Rank by Stage



Stage Results - aligned to median stage time

Cumulative Time - aligned to median race time



Tour De France 2018

" stage-results & cumulative-times are aligned at the median, which corresponds to the poliston"

"click any line to highlight position in other charts"

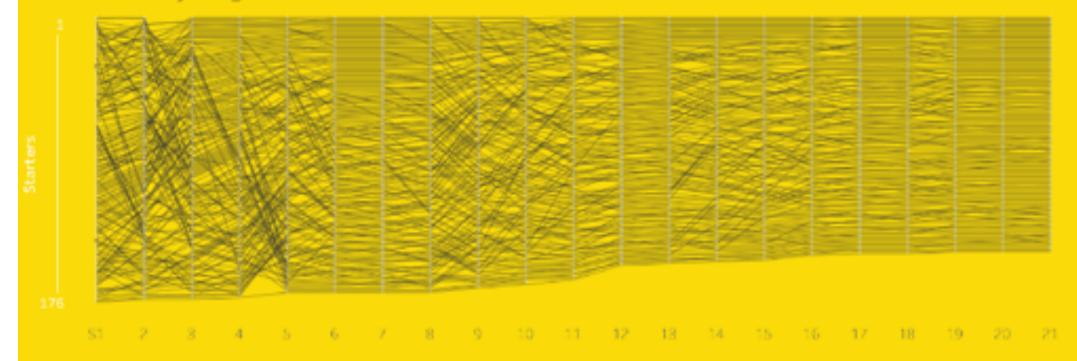
Graphic design by: Martin Theus. Buta: lettour fr

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Winner of Yellow Jersey: GERAINT THOMAS

Overall Rank by Stage



Stage Results - aligned to median stage time

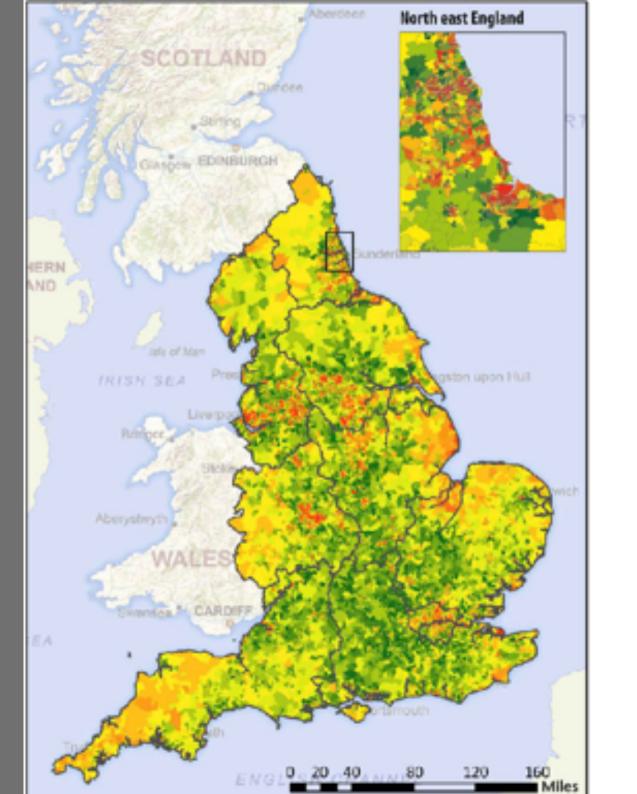
Cumulative Time - aligned to median race time

No Stage 3 data emilable









England's Learning Divide: How the North has lower education attainment than the South.

The free? yes data from the Education, Shifts and freeling Depressions indices or send by the Government or 2003. The population freeling the Majorito Security the attainment for the southern and surface and purposes as well as about 1. The free? Solder shows the results of the southern and attainment data the tree \$5,000 scalenges bearings and southern as the southern and southern and southern as the southern and the southern





The Change in Local Authority year-on-year change in house prices House Prices for England & Wales Neiter's Norlighted Size expressable pro-1 provide lim-2018 2016 2015 K 900.5 2013 < 2003 K 9000 K (8000) 2008 2006 2005 2003 2002 2001 The Local Authorities of England & Wales in the 22 maps are represented by a Dorling Cartogram, eircles sized by population and placed in their approximate geographical position. They show the grography of how the housing market moved from boson to slump and to recovery. In the South East prices were increasing strongly at the end of the strong and early ponces. Price increases rippied out of the South East and rapid inflation began to occur across. both countries in 2003 and remained in the North of England in 2004, 55, However, by the summer of coots, the benking reisis led to prices falling sharply serves the whole of England it-Walso. It took until 2014 until both reunties started experiencing growth again, although not at the same rate as the rarly 2000s, and by 5000 prices had moled again because of 49-2015 Micobox B OproCitrack/ag uncertainty about Break.

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Statistical Atlas 46 134 UNITED STATES START SECTION SAFETY SHOULD SEE YOU SHOULD SEE Census of Agriculture Bussel on restalks from \$300 April - To -North Wast MATERIA Cope and /Section Annual Stages Recognition St Exemple 1 Farm Libertinelle und Automate.

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Statistical Atlas

UNITED STATES Census of Agriculture

Based on results from 2012

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Desperate Journeys Mapping African-American Refugee Migration

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Advisor both sens described



159,660 African refugees since 2009



The Reference Assumer Doors Admira to the USA 1 20000 to 2004

Refugees an exercised in our of agreeables of yets consequently an or or done has faith large pell expense supersonn a state in linear or and averaged in trainceptor many purposes of contents. Evidential of artifects the square in a sportable account gold of all §§ Addition remarks range limit by the CM. The rations above the accommod whepare, as the best of autom shapes that "Pyroning has had one winger and format has women for writingers are many.



The Refugee Journey from Africa to the USA: 2009 to 2011

Refugees are resettled in one of approximately 190 communities across America. Each large grid occurs represents a state in America and arranged in their approximate prographic position. Embedded within the square is a spatially

arranged grid of all 5.4 African countries recognised by the U.S. The colour shows the number of refugees, or the lack of relicur shows that Wyoming has had one refugee and Barwall has received no refugees since 2000s.



Hello Sunshine

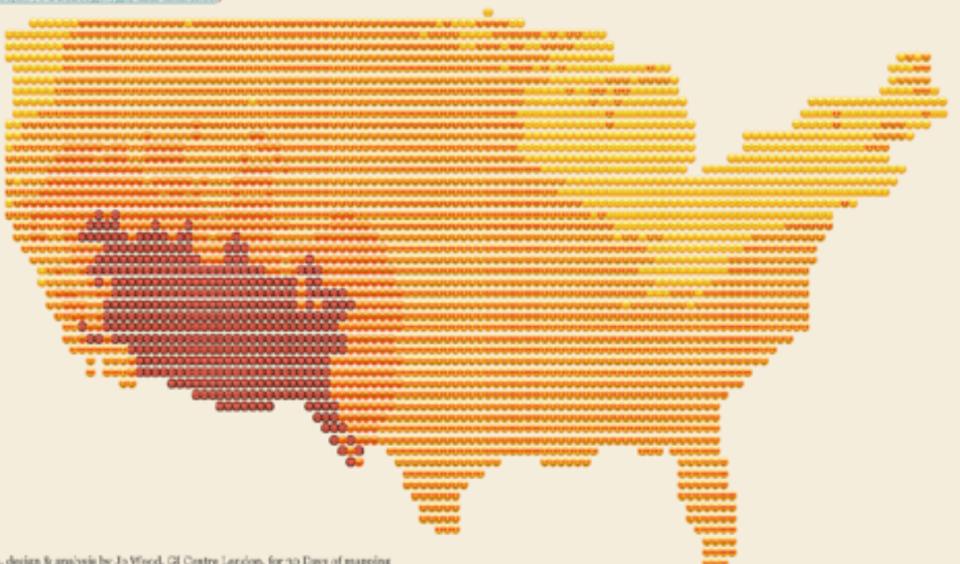
Annual average daily total solar resource 1998-2016 (DNI)

4 **

0.7

· 283

The map details the solar resource available in the United States from sampled NREL solar data (see https://www.med.gov/ds/data-solar.html)



Idea, design & analysis by Jo Wood, GI Centre London, for 30 Days of mapping (#)vol.ondon



Final Thoughts

HOW MUCh data viz ao Volu need to know?





Joe Radburn

38 vizzes 121 followers 2 following

More Rhout Me.

Vizzes 38

Followers 121

Following 2



Minecraft Potions Calculator 1136 vigera

What are households earning in America 2016? 장마 잘 잘 하라 하라요?

GALLERY

What are households earning in 2016? 65 slews

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PLAYIN' WITH THE DATA FIRST AND LAST IN A SERIES PREATTENTIVE LENGTH - THIS IS
AND THER HTOIW THIS IS A THIRD HUE NOW MAKE SENSE OF DATA ENMEROR

Practice, Practice, Practice....

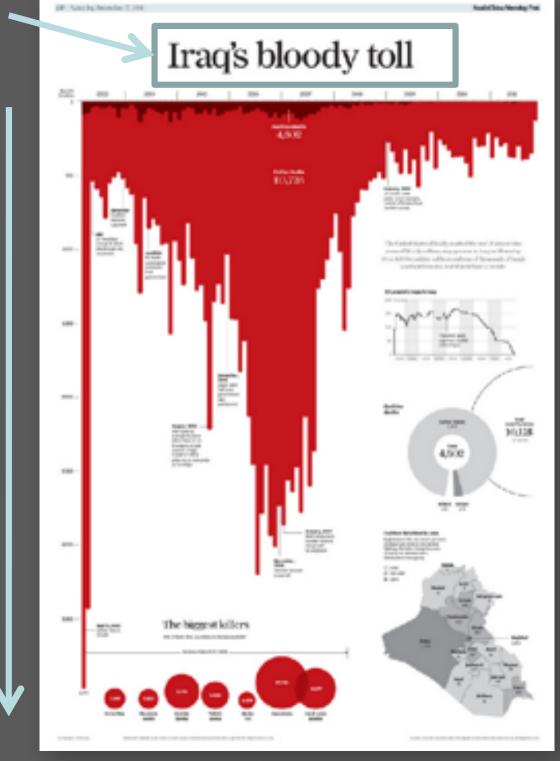
#MakeoverMonday

A weekly social data project



he weekly #MakeoverMonday series. Each week we post a link to a chart, and its data, and then you rework the chart. Maybe you rel tively, or find a new story in the data. We're curious to see the different approaches you all take. Whether it's a simple bar chart or a ; we encourage everyone of all skills to partake. Together we can have broader conversations about and with data.

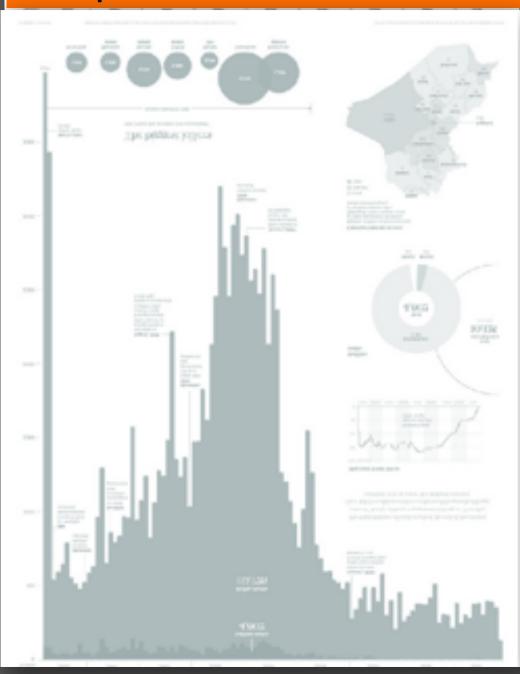
is topic will be posted on the data sets page on Sunday. It will include the link to the original article (for context) and to the data set. It to participate, but be mindful of a few things:





(IF Natiful Service Cott

Iraq: Deaths on the decline



Thanks for Listening