

**DATOVÁ ŽURNALISTIKA:**

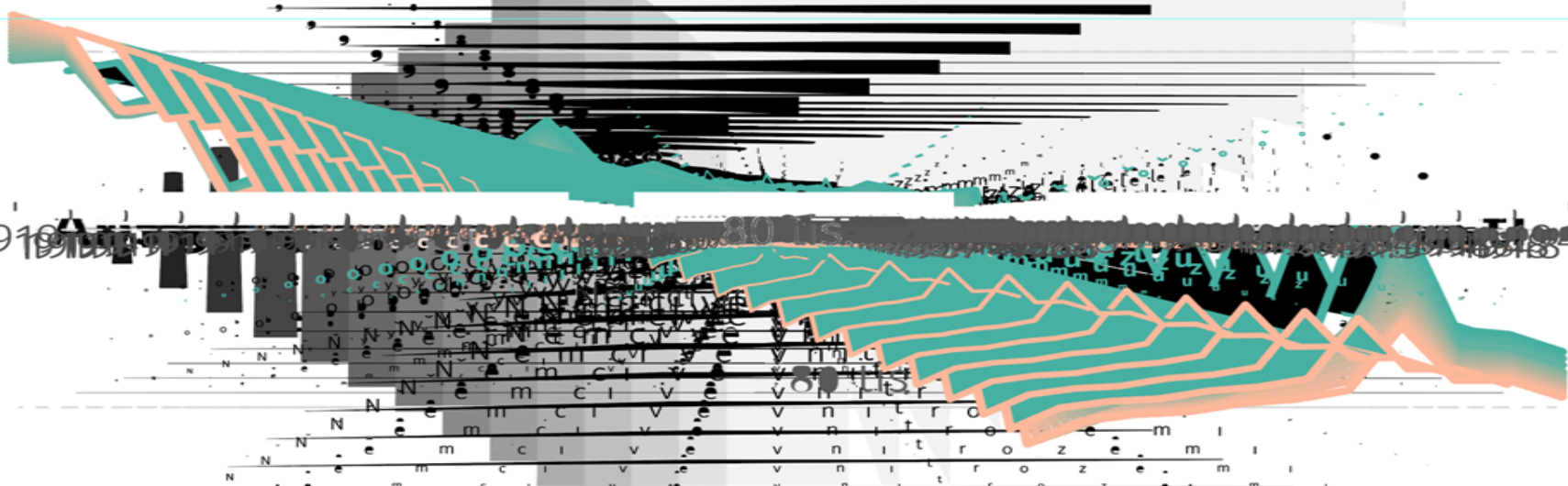
**OD CHOLERY PO COVID**

80 tis

80 tis

80 tis

1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100



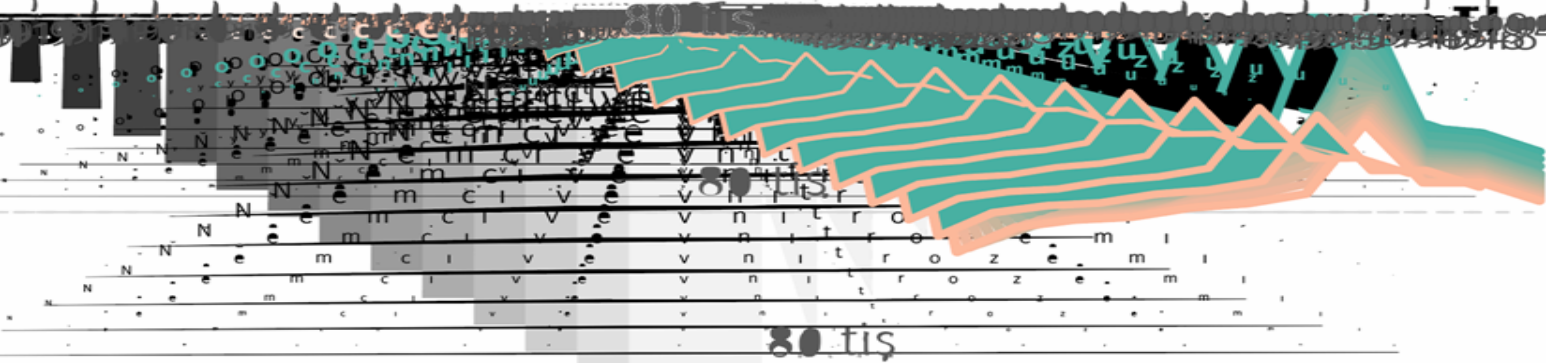
80. tiş

80. tiş

80. tiş

# HISTORIE

1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030



80 tiş

80 tiş

**HISTORIE**

**PROCES**

80. tiş

80. tiş

80. tiş



**MÁŠ NA MÍNĚ!**

80 tis

80 tis

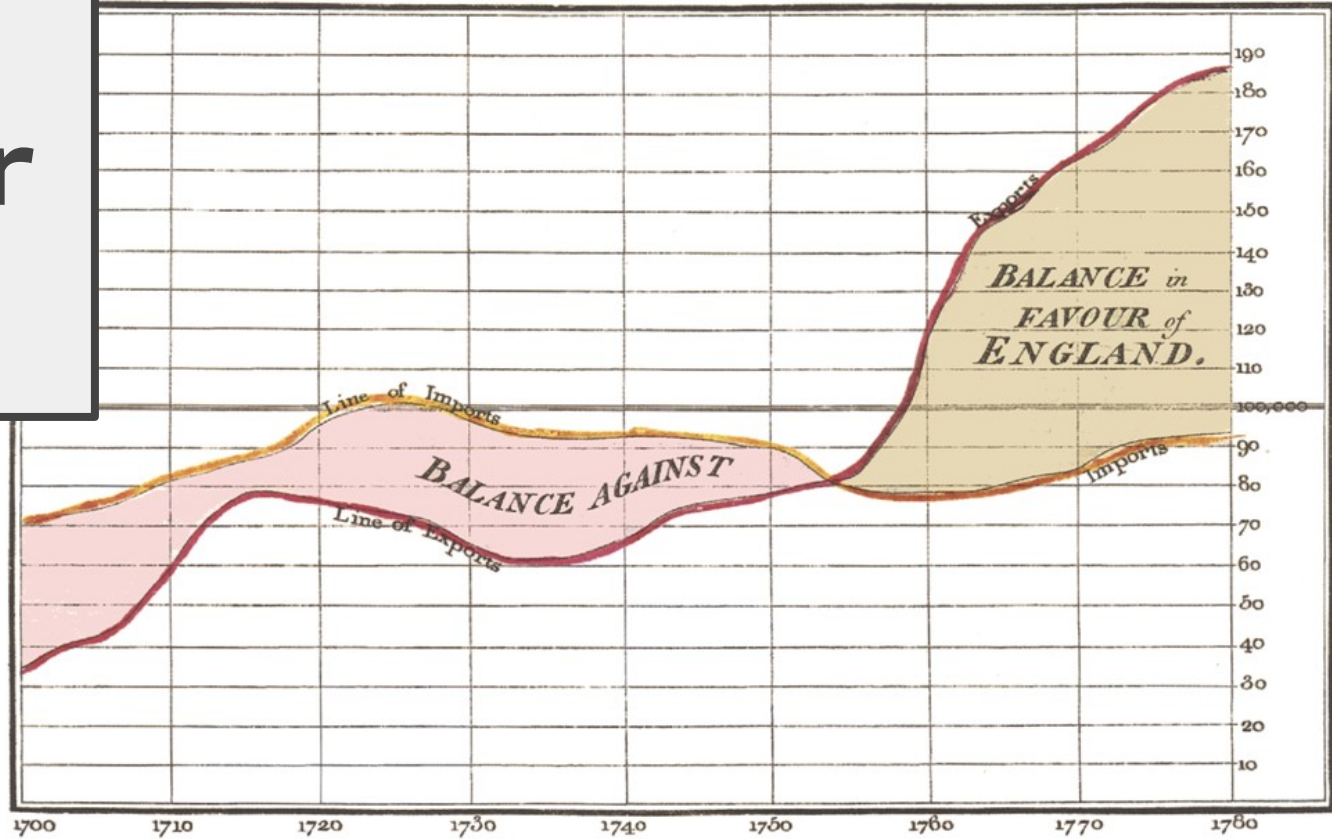
80 tis





# William Playfair (1780s)

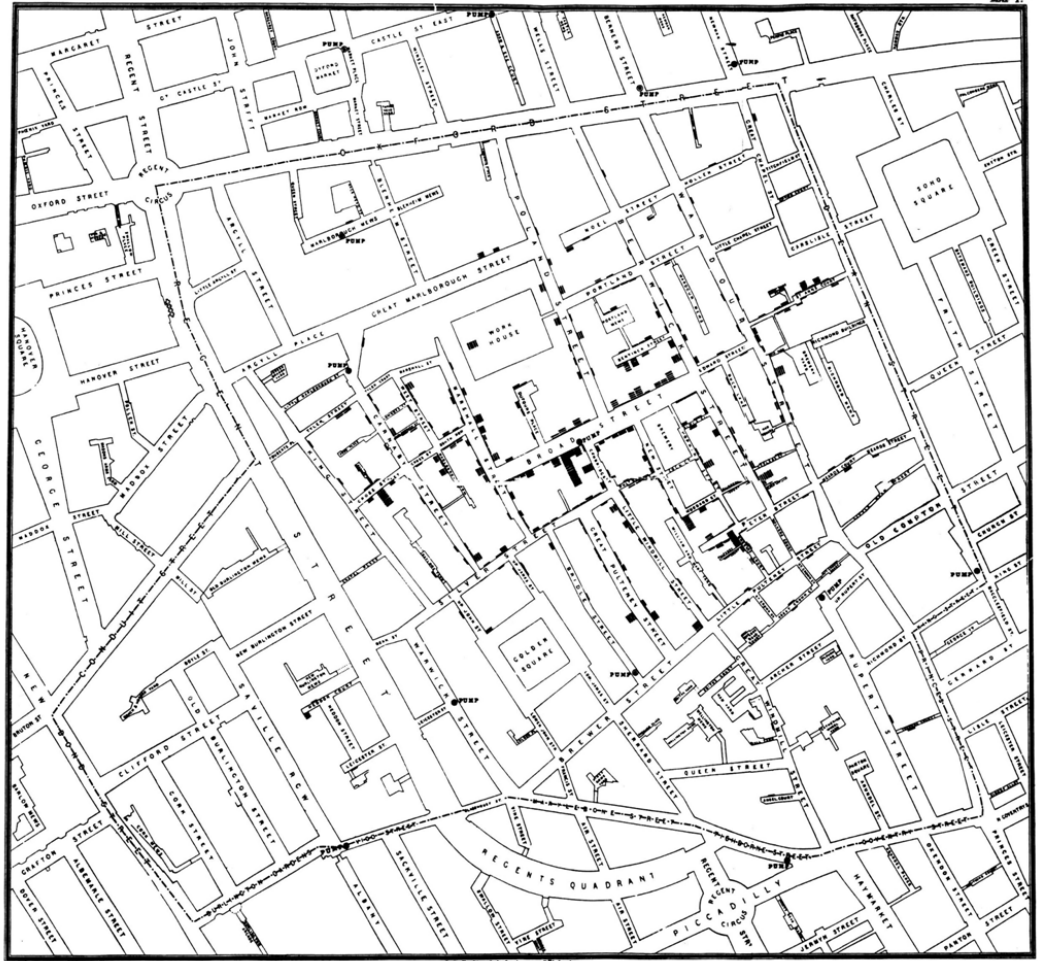
Exports and Imports to and from DENMARK & NORWAY from 1700 to 1780.



*The Bottom line is divided into Years, the Right hand line into £10,000 each.*  
 Published as the Act directs, 1<sup>st</sup> May 1786, by W<sup>m</sup> Playfair  
 Neale sculp 352, Strand, London.



# John Snow (1854)



# UNIVAC (1952)

8.30 P.M.

IT'S AWFULLY EARLY, BUT I'LL GO OUT ON A LIMB.

UNIVAC PREDICTS--with 3,398,745 votes in--

	STEVENSON	EISENHOWER
STATES	5	43
ELECTORAL	93	438
POPULAR	18,986,436	32,915,049

THE CHANCES ARE NOW 00 to 1 IN FAVOR OF THE  
ELECTION OF EISENHOWER.

# Philip Meyer (1967)

## Survey Figures on

# What Causes Rioting?

What causes rioting? The following tables are arranged to show at a glance how the proportion of rioters varies within key categories. To interpret it, make comparisons across the rows. For example, 23 percent of those born in Detroit were rioters—more than twice as many as in any other residence category. Responses in the don't-know categories and no-answer categories have been left out, so that all columns total 100 percent.

1. How long have you lived in Detroit?

	Less than One year	Less than Five yrs.	More than Five yrs.	Born in Detroit
Rioters	12.5	12	12	23
Non-rioters	87.5	88	88	72
	100	100	100	100

2. Where were you brought up as a child?

	South	North
Rioters	8	25
Non-rioters	92	75
	100	100

3. Sex.

	Male	Female
Rioters	22	12
Non-rioters	78	88
	100	100

4. Age.

	15-24	25-35	36-50	Over 50
Rioters	35	15	9	5
Non-rioters	65	85	91	95
	100	100	100	100

5. Education.

	Less than High School	High School Graduate	College
Rioters	18	15	18
Non-rioters	82	85	82
	100	100	100

6. Have you been unemployed for as long as a month or more over the last two years?

	Yes	No
Rioters	21	10
Non-rioters	79	90
	100	100

7. Are most of the unhappy things in peoples' lives due to bad luck or due to the mistakes they make?

	Bad Luck	Mistakes
Rioters	12.5	16
Non-rioters	87.5	84
	100	100

8. Civil rights groups which have both Negro and white leaders could do better without the whites. True or false?

	True	False
Rioters	22	13
Non-rioters	78	87
	100	100

9. Are insults and lack of respect commonly used by police against Negroes in riot areas?

	Yes	No
Rioters	22	12.5
Non-rioters	78	87.5
	100	100

10. Have insults and lack of respect been used by police against you?

	Yes	No
Rioters	37	12
Non-rioters	63	88
	100	100

11. In the next five years, do you think the attitude of white people about Negro rights will get better, worse, or stay about the same?

	Better	Worse	Same
Rioters	14	25	14
Non-rioters	86	75	86
	100	100	100

12. Do you feel that Negroes have more to gain or more to lose by resorting to violence in the civil rights movement?

	More to Gain	More to Lose
Rioters	25	14
Non-rioters	75	86
	100	100

13. If the United States got into a big world war today, would you personally feel this country was worth fighting for?

	Yes	No
Rioters	32	13
Non-rioters	68	87
	100	100

14. Racial discrimination is here to stay for a long time. True or false?

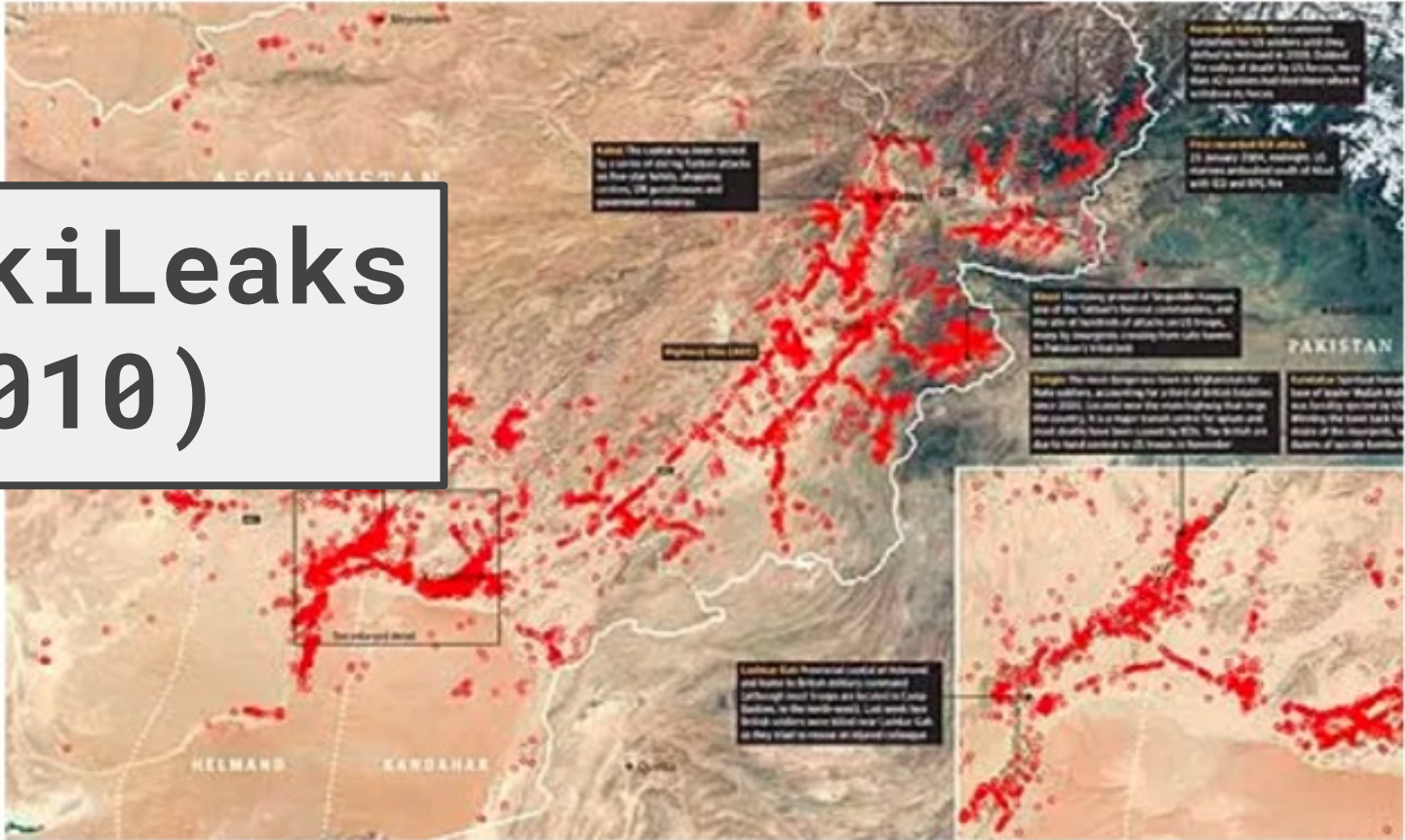
	True	False
Rioters	16	14
Non-rioters	84	86
	100	100

15. Who do you think are nicer, Negroes or whites?

	Negroes	Whites	About the Same
Rioters	25	21	10
Non-rioters	75	79	90
	100	100	100

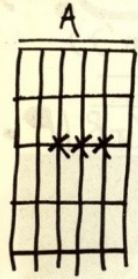
# Wikileaks has been the game-changer for data journalism. See how we handled the numbers

## WikiLeaks (2010)



▲ Afghanistan IEDs mapped. Click image for full graphic

PLAY IN THE BAND...FIRST AND LAST IN A SERIES.....



THIS IS A CHORD



THIS IS ANOTHER



THIS IS A THIRD

NOW FORM A BAND

„Anyone can do it. Data journalism is the new punk.“

The Guardian  
(2012)



# Clinton and Trump supporters live in their own Twitter worlds

- Follow only Trump
- Follow only Clinton
- Follow both
- Follow neither

**Clinton Supporters**

Hillary Clinton supporters in this user group are not as cohesive as Trump supporters and they interact more frequently with users who follow both or neither candidate. They have few mutual follower networks in common with the far-right conservative cluster.

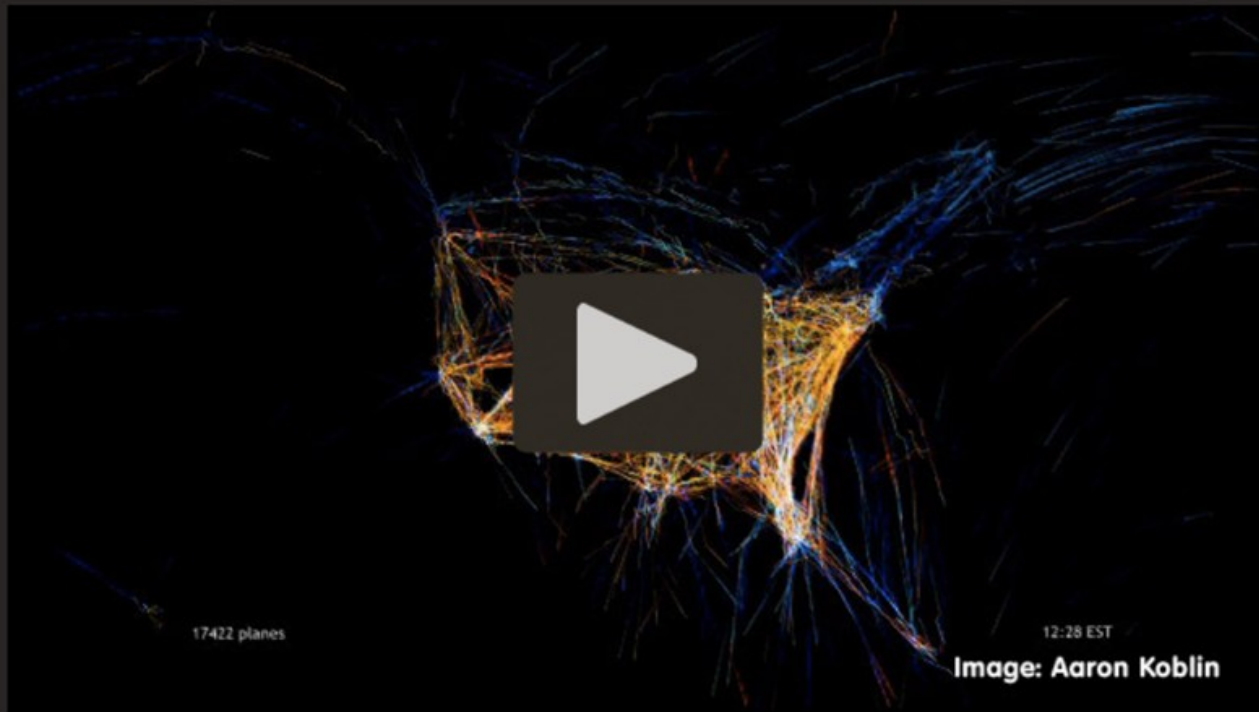
This large cluster of Trump supporters on Twitter have little mutual follower overlap with other users and are a remarkably cohesive group. They exist in their own information bubble.

**Trump Supporters**

# Journalism in the Age of Data

A video report on data visualization as a storytelling medium | Produced during a 2009-2010 Knight Journalism Fellowship | Total Running Time: 54 Minutes; with related information and links.

By [Geoff McGhee](#)



CHAPTER ONE  
Introduction

CHAPTER TWO  
Data Vis in Journalism

CHAPTER THREE  
Telling 'Data Stories'

CHAPTER FOUR  
A New Era in Infographics

CHAPTER FIVE  
Life as a Data Stream

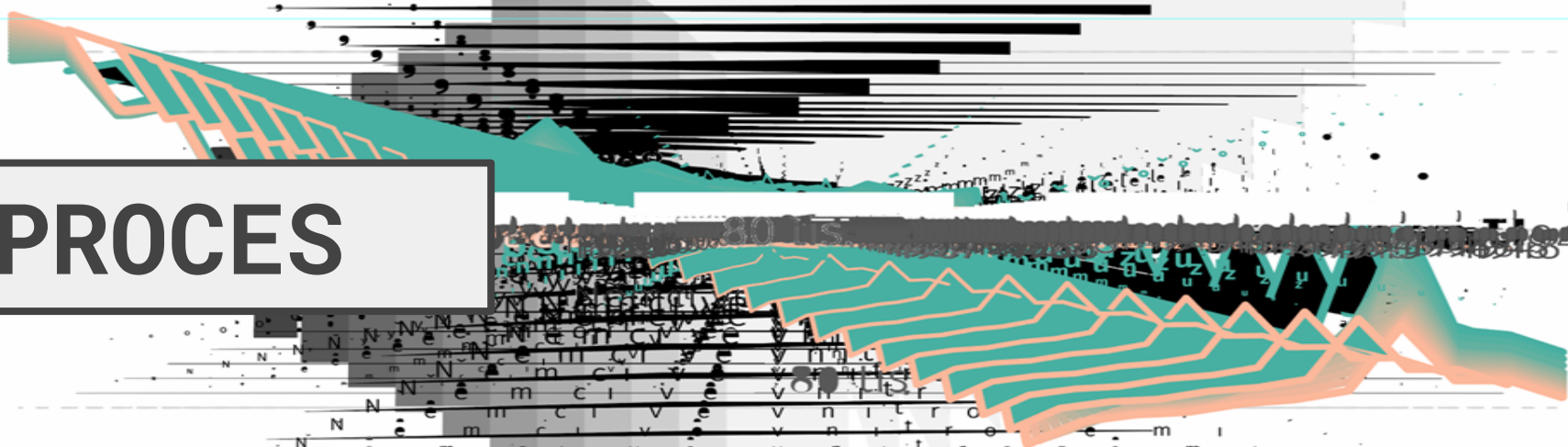
CHAPTER SIX  
Exploring Data

CHAPTER SEVEN  
Technologies and Tools

CHAPTER EIGHT  
First Steps



# PROCES



80 tiş

80 tiş

80 tiş

**ANALÝZA DAT**

**PROGRAMOVÁNÍ**

**VIZUALIZACE DAT**

**VYPRÁVĚNÍ**

**STATISTIKA**

**PRÁVO**

**ZNALOST TÉMATU**

# Roles in the newsroom

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Ideas and Questions  
Data Research & Data Cleaning  
Data Literacy/Analysis/Quality & Fact Checking  
„Director“ of the process

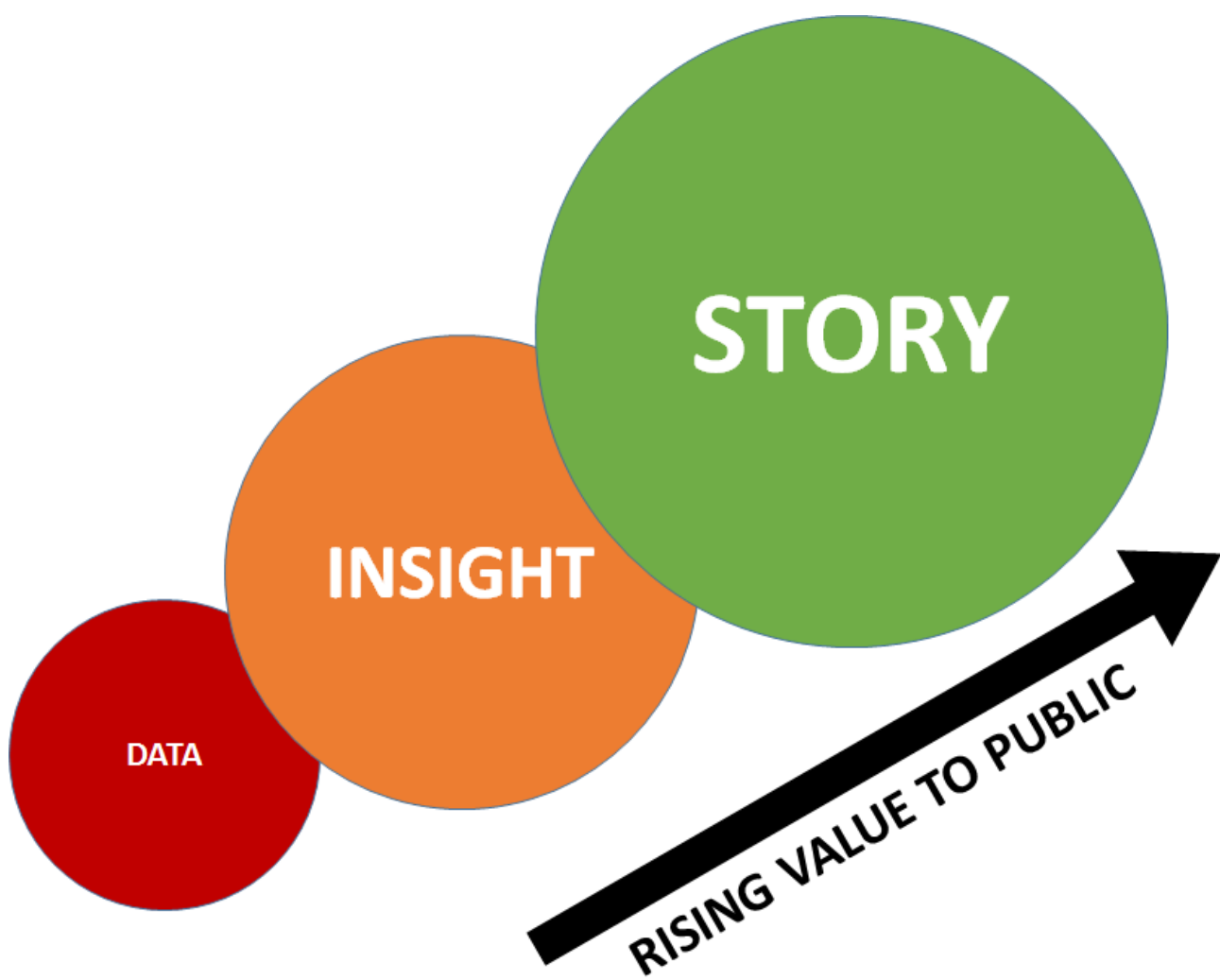
Journalist

Visual quality  
Attractiveness  
Clearness  
Appeal  
Density  
Correctness

Designer

Developer

Workflow support  
Simplification  
Automation  
Publishing process  
Presentation  
Aggregation  
Agility



```
1 let iterace = 0;
2 repeat {
3     namysli_si_strukturu_clanku;
4     if(mame_data) {
5         koukni_na_data;
6     } else {
7         zkus_sehnat_data;
8     }
9     if(data_potvzuji_co_rikame) {
10        SUPER!
11    } else {
12        BLBÝ
13    }
14    iterace++
15 } until hotovej_článek
16
```



ANARCHISTICKÝ MĚSÍČNÍK

číslo 99  
PROSINEC 2016

vydává Nakladatelství Anarchistické Federace

[www.afed.cz](http://www.afed.cz) // [afed@afed.cz](mailto:afed@afed.cz)

# Analýza dokázala hovno

Prosincové Česko má nejnižší nezaměstnanost v EU, a to 3,8 procenta. Přišli na to experti. Analyzovali, dokazovali, roz-pítvávali a preparovali, zapisovali, ale i škrtili, všechny svoje stly na to obětovávají, a když to skončilo, pochopili, co dokázala jejich analýza. Státní správa vypočítala, že nezaměstnanost už narazila na svou „přirozenou“ hranici, nižší už být nemůže. Zaměst-navatelé vypočítali, že už nemůžou další pracanty mezi zdejšími občany schnat a že řešením by byli jen ještě povolnější otroci zveně. Odbor statistiky pro trh otročiny spočítal, že klesl počet zaměstnavatelů a příznivé počty vznikají díky malým pod-nikatelům, kteří vykořisťují jen sami sebe. Mediální odborníci oprášili starší výpočty a vědí, že „na přelomu roku dojde – jako již tradičně – k mírnému zvýšení nezaměstnanosti“.

Zbývá otázka, co s těmi 366 244 evidovanými nezaměst-nanými. Řešení přišlo shůry: dotace z evropských fondů. Budou využity na vytvoření situace těch, co tvoří to skvělé nejnižší ev-ropské procento: budou za ně totiž přijati noví úředníci na úřady práce. Už se odtud nebudou propouštět ani svačinářky. Více EU práce. Už se odtud nebudou propouštět ani svačinářky. Více EU práce. Už se odtud nebudou propouštět ani svačinářky. Více EU práce. Už se odtud nebudou propouštět ani svačinářky. Více EU práce.

A opravdu je dostatečnou záplatou chlebi, čekání na odchod do důchodu, plné regály hypermarketů nebo výběr z nepřeberného množství programů v televizi prošíkovaných reklamními pauzami?

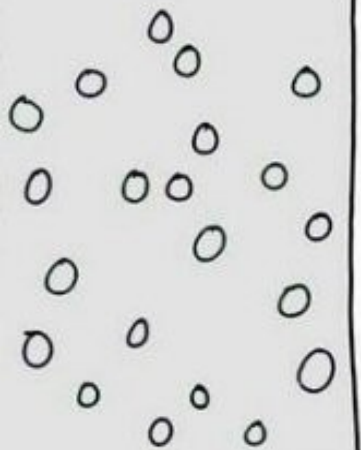
K čemu jsou nám údaje o poklezu nezaměstnanosti, když víme, že ta práce sama o sobě stojí ať už tak za dvě věci? Máme z ní smad takovou radost, že bychom se každý den ne-dočkavosti probouzeli, kdy už zazvoní budík? Možná těch pár šťastných mezi námi. Jak to, že nás tedy tak seru něco, z čeho šťastných mezi námi. Součástí moderní morálky se totiž stala víra, že se dělá etnost? Součástí moderní morálky se totiž stala víra, že se dělá etnost? Součástí moderní morálky se totiž stala víra, že se dělá etnost? Součástí moderní morálky se totiž stala víra, že se dělá etnost?

Hlavně že analytici přinesli dobrou zprávu. Račujeme se. Jen zarýt škarohlíd, co potřebuje zaplatit nájem, elektřinu, topení, jídlo, boty a kábl, odpoví popravdě na otázku, co dokázala jejich analýza: Analýza dokázala hovno.

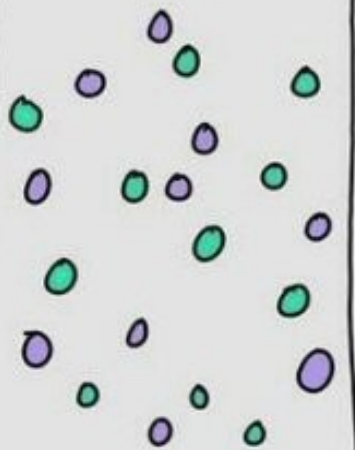
OTROČINA NEBO HLADOVĚNÍ?  
TO NENÍ VOLBA, ALE VYDÍRÁNÍ!



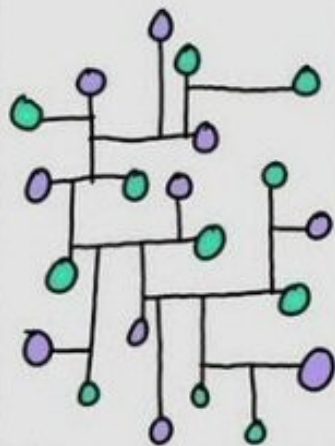
**Data**



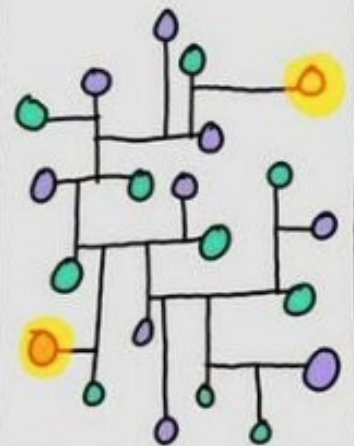
**Information**



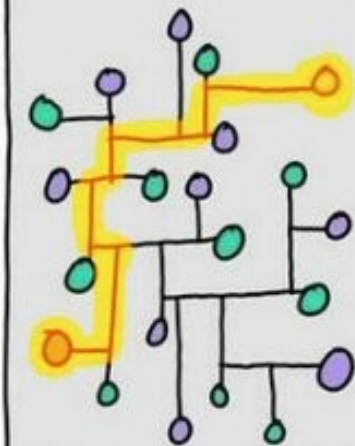
**Knowledge**



**Insight**

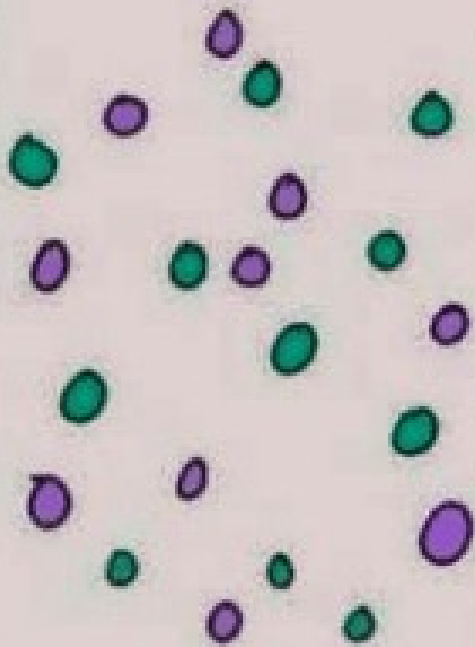


**Wisdom**

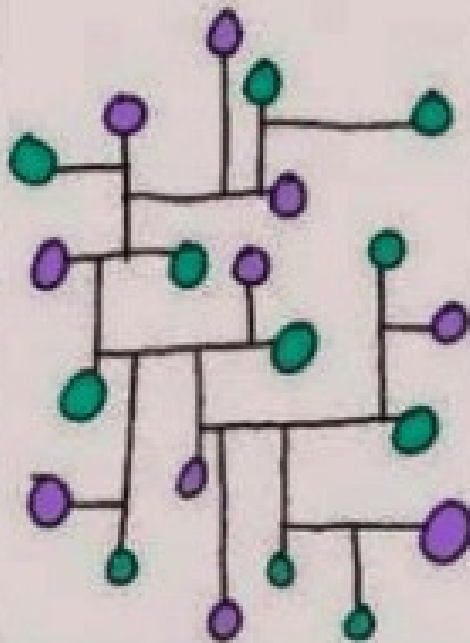




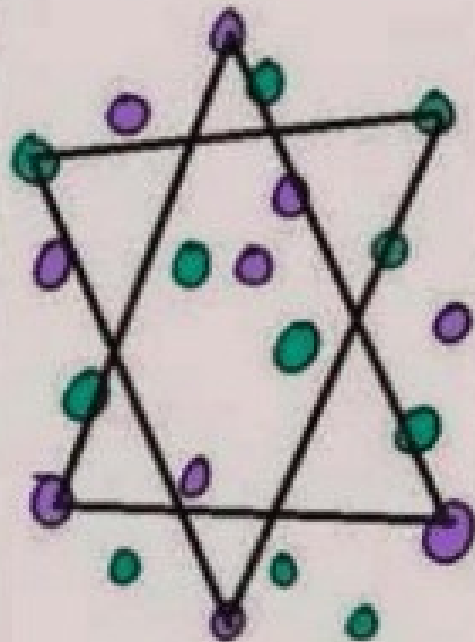
*information:*



*knowledge:*

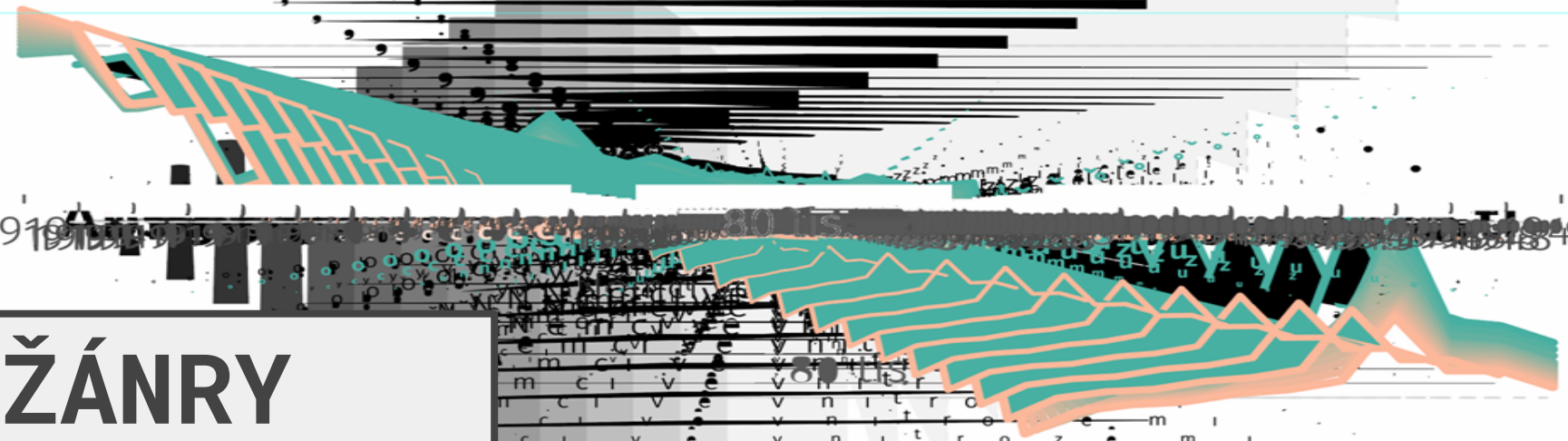


*conspiracy theory:*



1910

# ŽÁNRY



80 tis

80 tis

80 tis

# 1 Explainer

80 tiş

80 tiş

80 tiş

# Investigace

The image features a complex abstract composition. A white rectangular box with a thin black border is positioned on the left side, containing the word "Investigace" in a bold, black, sans-serif font. The background is a mix of teal and orange geometric shapes, including a large, jagged, multi-layered shape on the right that resembles a stylized mountain range or a series of overlapping planes. Numerous horizontal black lines of varying lengths and thicknesses are scattered across the scene, some appearing as solid lines and others as dashed lines. There are also small, scattered black dots and faint, illegible text fragments in the background, contributing to a layered and investigative aesthetic.

# Modelování

80 tis

80 tis

80 tis

# Fact-checking

80 tiş

80 tiş

80 tiş



# Sensor journalism

80. tiş

80. tiş

80. tiş



# Daily chart

80. tiş

80. tiş

80. tiş

# 1 Newsgames

80. tiş

80. tiş

80. tiş



# Data art

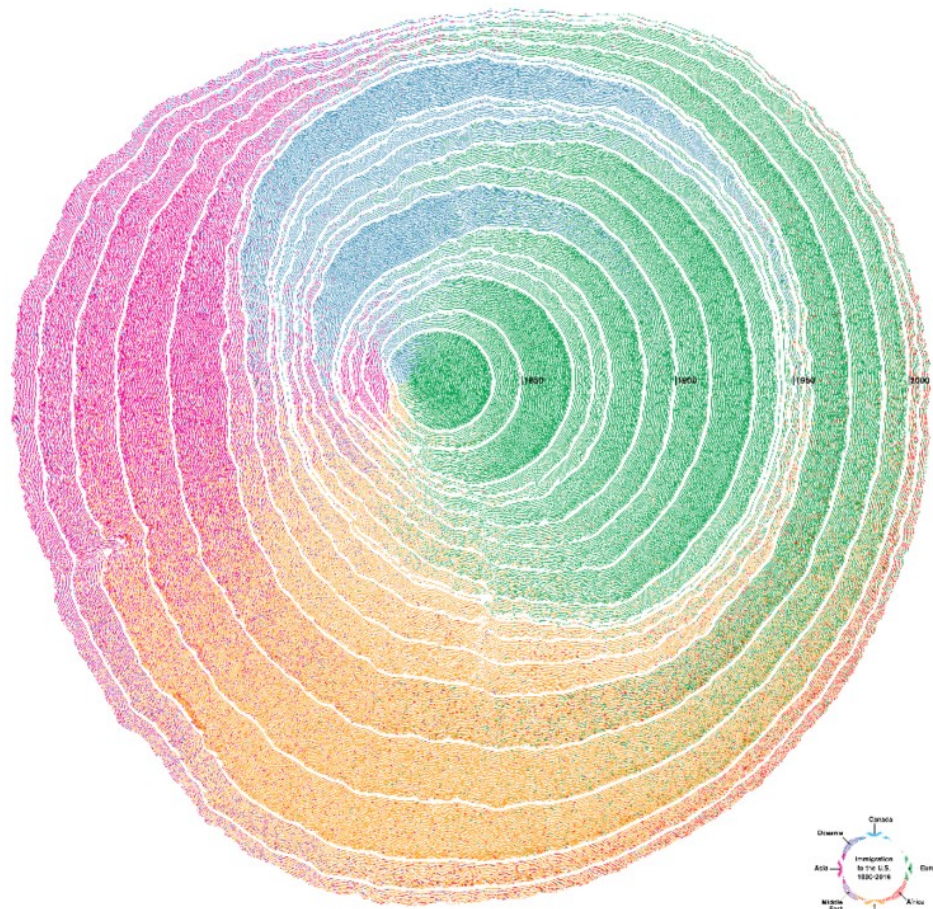
80 tiş

80 tiş

80 tiş

„What makes it data journalism isn't the form, it's the starting point in a data. The result can take many forms: it might be a text article, or a data visualization, or a video, or something else entirely.“

(VOX)





# Clinton and Trump supporters live in their own Twitter worlds

- Follow only Trump
- Follow only Clinton
- Follow both
- Follow neither

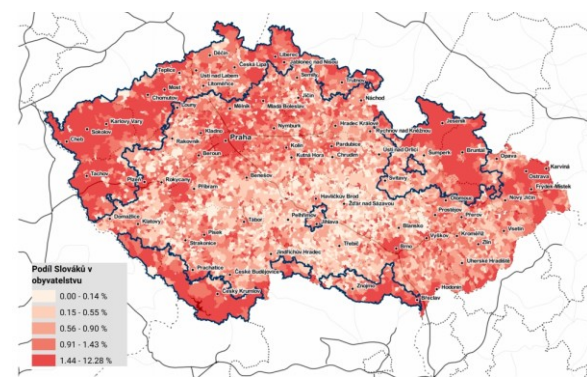
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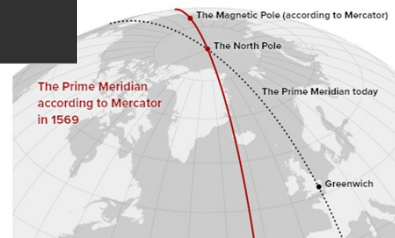
Trump Supporters

This large cluster of Trump supporters on Twitter have little mutual follower overlap with other users and are a remarkably cohesive group. They exist in their own information bubble.

Source: The Electome | The Laboratory for Social Machines at the MIT Media Lab



conditional point of reference for calculating the longitude. Mercator assumed that the Prime Meridian is not determined arbitrarily, but could be determined by drawing a line through two poles — the geographic one, in other words, the one found by the compass, and the magnetic one that any compass points towards. Mercator's cartographer did not know that the magnetic pole shifts.



Mercator pointed to two likely spots where the lines towards both poles meet. He found the arguments in favor of the group of the Cape Verde (Cabo Verde) islands (*Sal, Boa Vista and Maio*) more reasonable. However, just in case, he pointed to another magnetic pole, taking into account the fact that the zero meridian could pass off the island of Corvo in the Azores archipelago, and he hoped that sailors would eventually clarify this information.



Zahranční studenti v Československu/Česku

v letech 1953 až 1992 pouze české země

