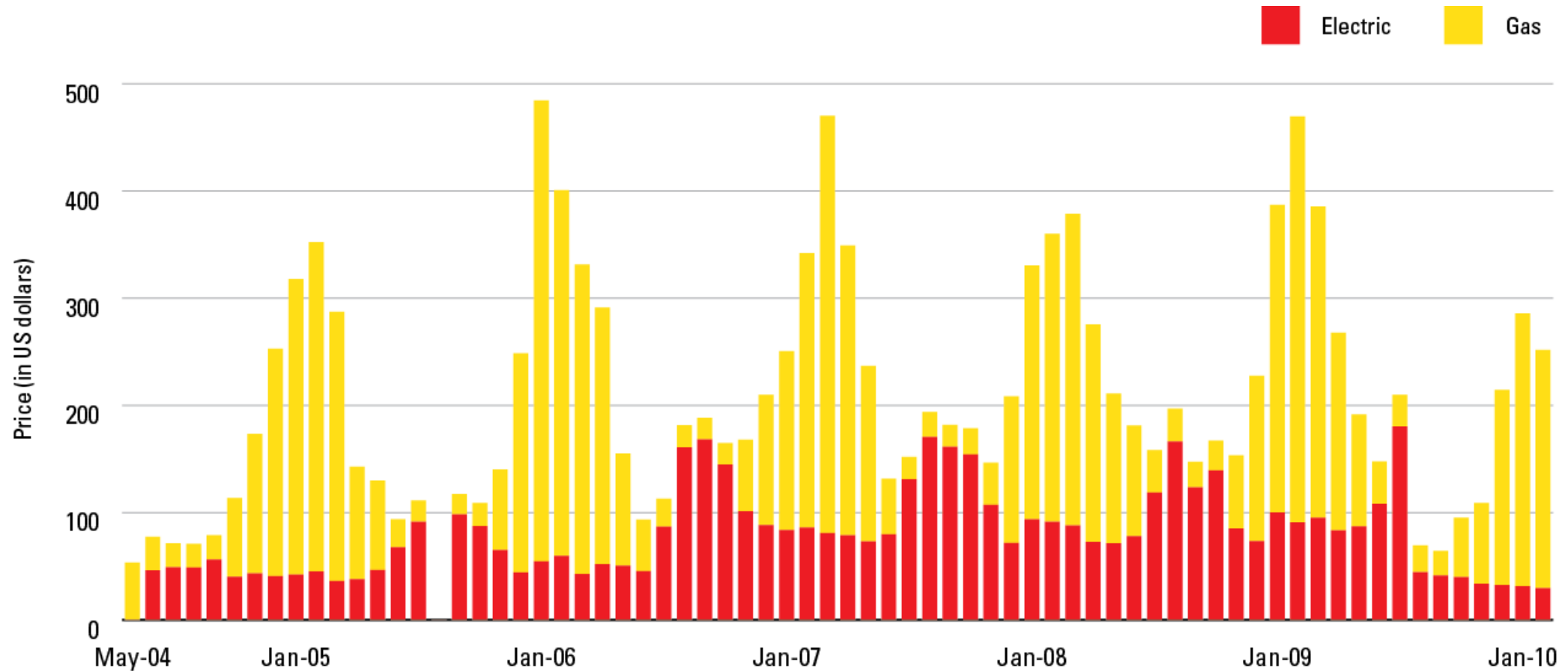


Infographics

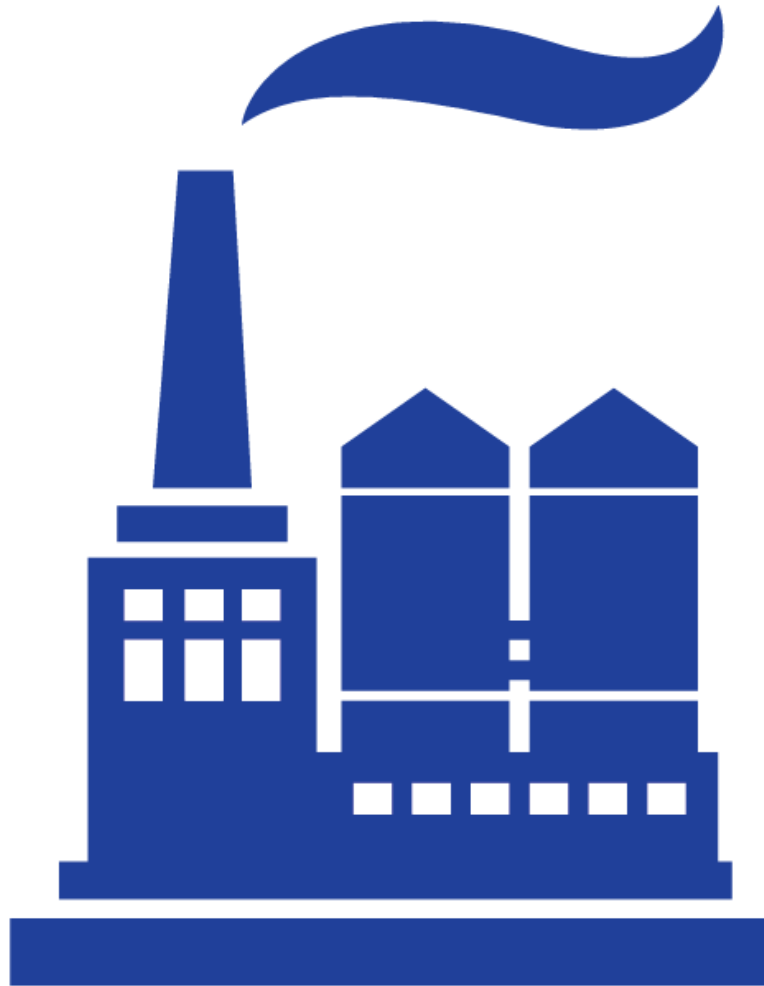
What it means, where they come from, and how to think about them

This is a chart or graph

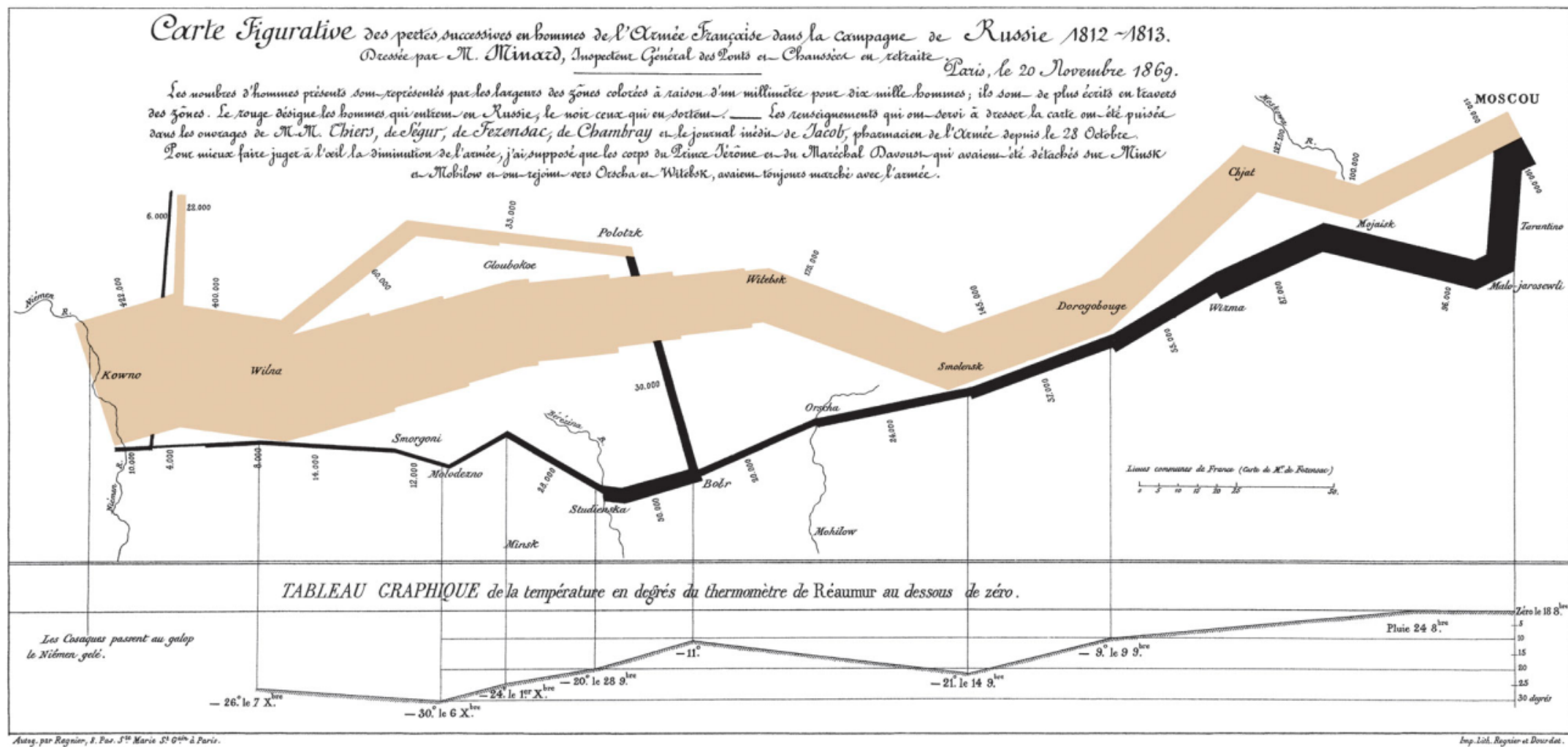


Energy usage, May 2004–January 2010

This is a graphic



This is an infographic

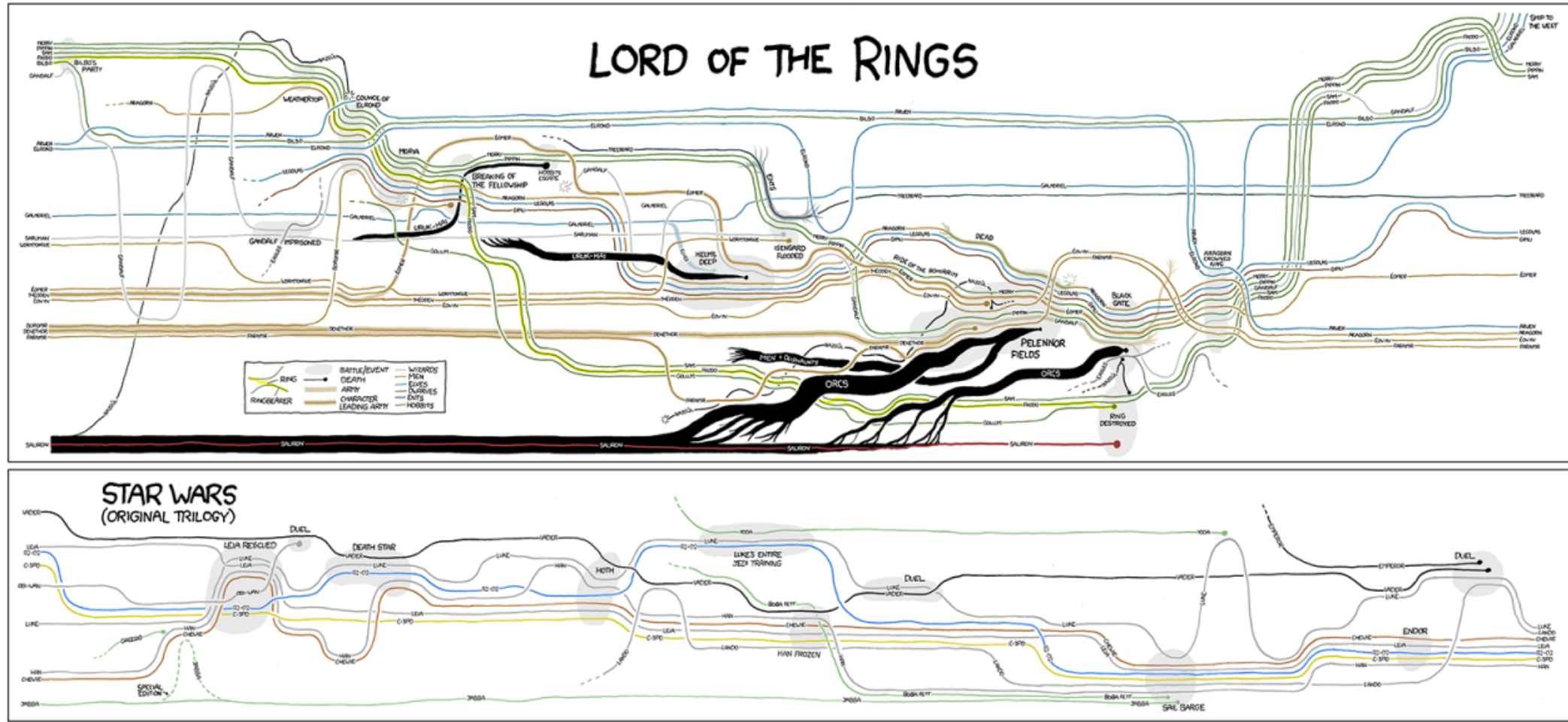


What is an infographic?

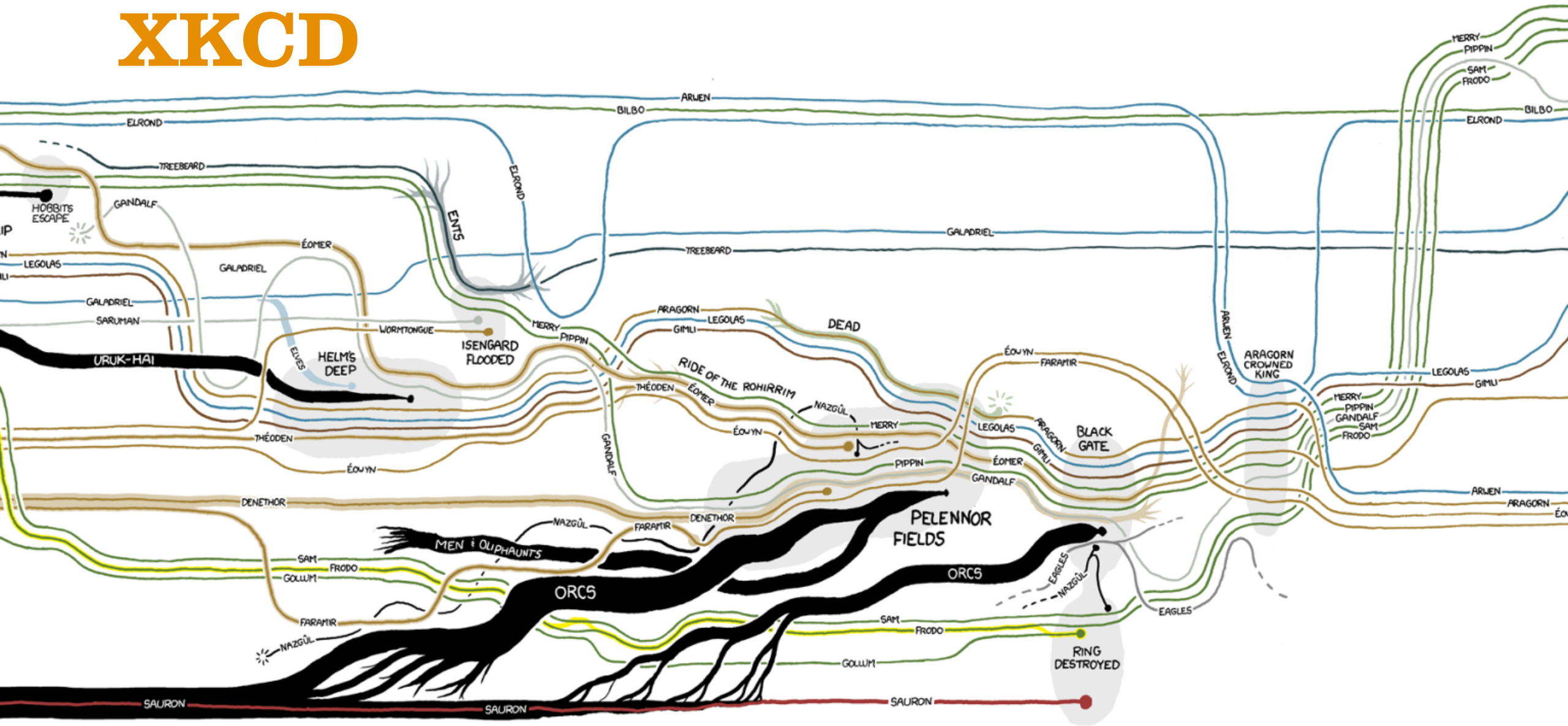
- Information Graphic
- A method of organizing and visualizing complex information to highlight conclusions and educate the viewer.
- Requires research, conceptual thinking, and the ability to illustrate the solution in an easy-to-grasp way.

XKCD

THESE CHARTS SHOW MOVIE CHARACTER INTERACTIONS. THE HORIZONTAL AXIS IS TIME. THE VERTICAL GROUPING OF THE LINES INDICATES WHICH CHARACTERS ARE TOGETHER AT A GIVEN TIME.



XKCD



Types of infographics

Lists

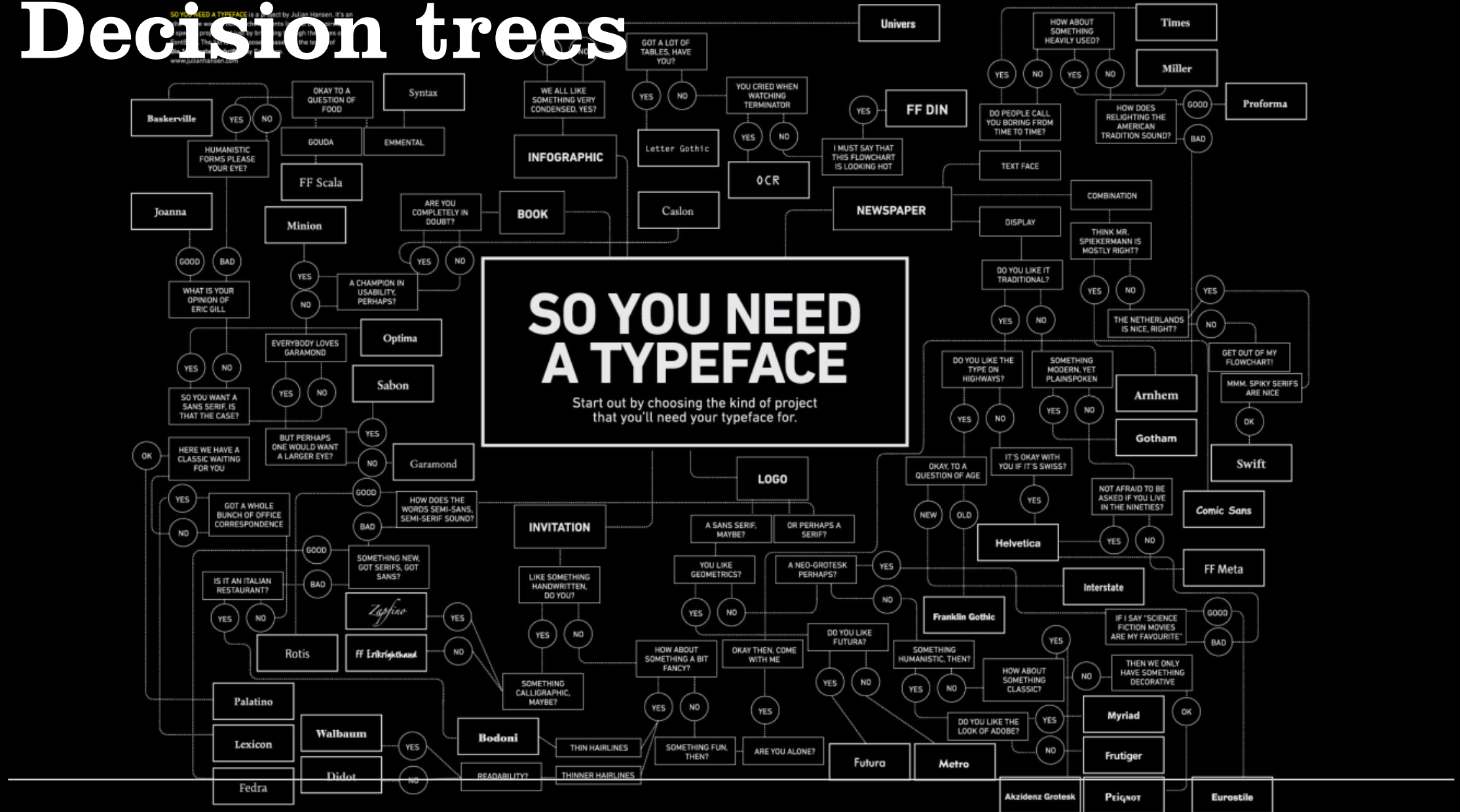


Lists (detail)

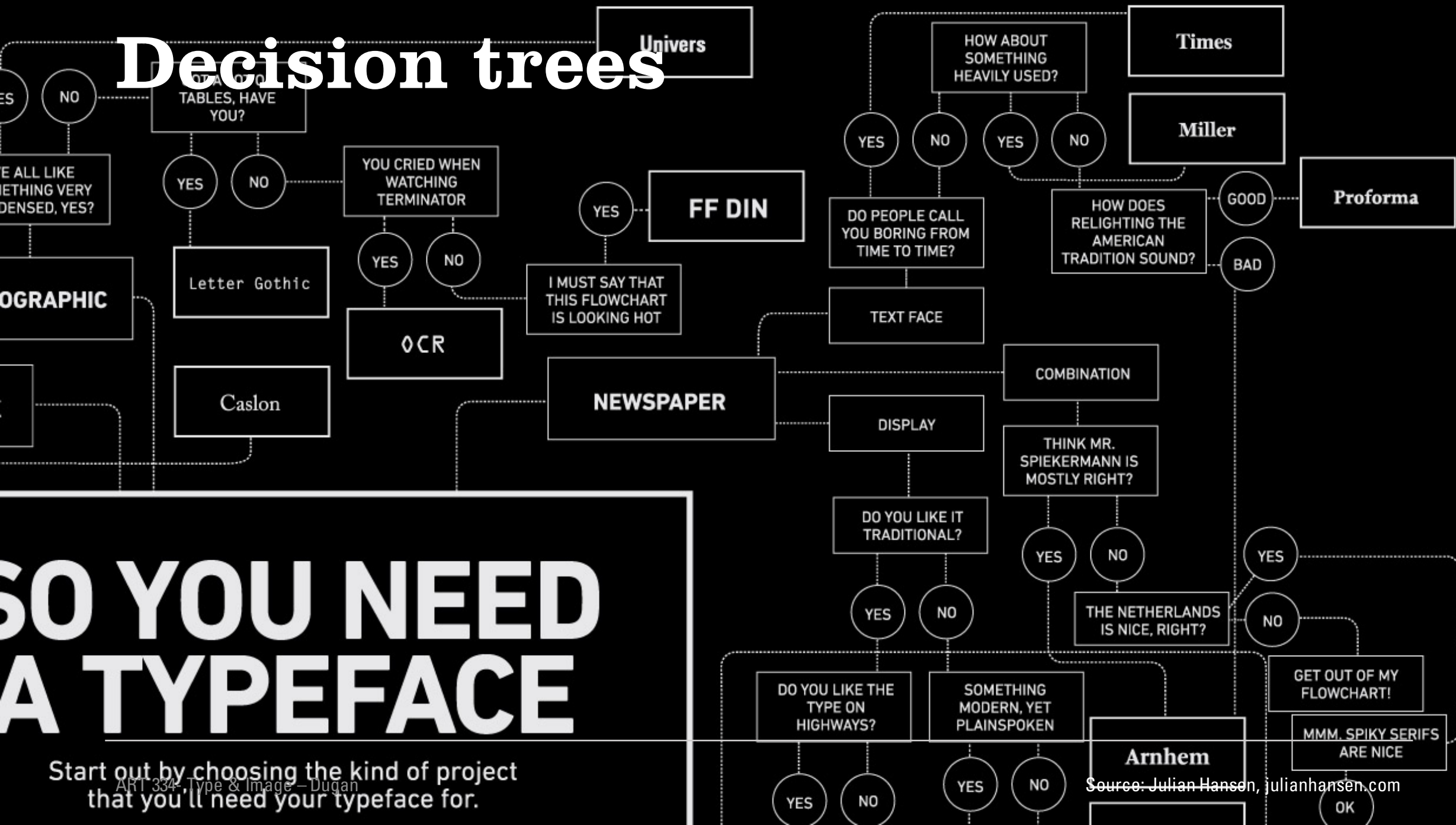


Decision trees

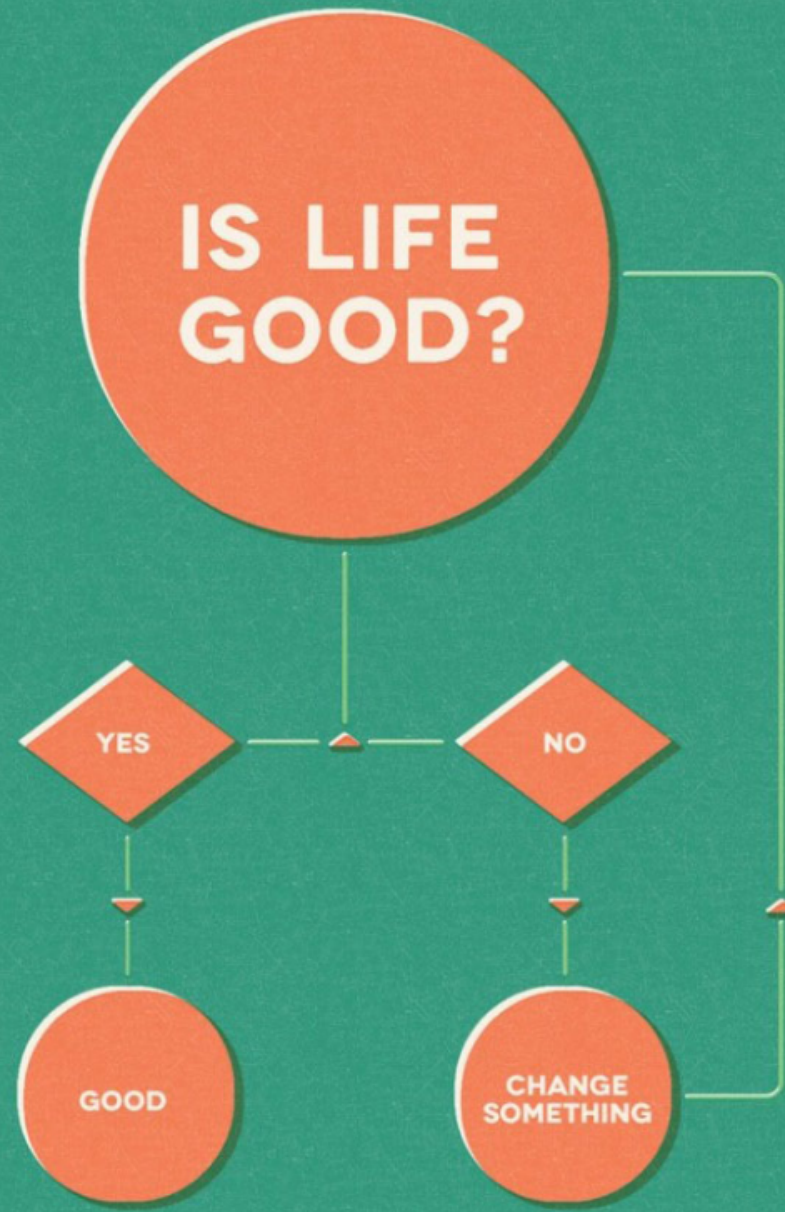
SO YOU NEED A TYPEFACE is a poster by Julian Hansen, it's an application of the decision tree concept by Shigeo Fukuda. The poster is available for purchase at www.julianhansen.com



Decision trees



Decision trees



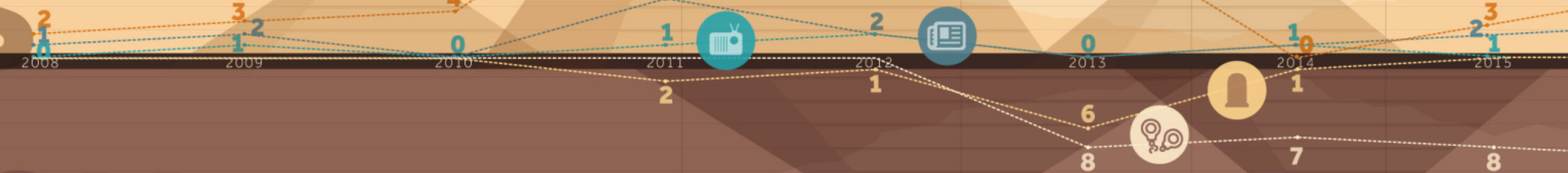
Illustrated narrative

OUTLETS
ROSS EGYPT
09-2015

EGYPT FROM
2011-2012

10
MEDIA OUTLETS
OPENED IN
EGYPT FROM
2009-2010

13
MEDIA OUTLETS
OPENED IN
EGYPT FROM
2013-2014



08
JOURNALISTS
IMPRISONED
IN EGYPT FROM
2011-2013

15
JOURNALISTS
IMPRISONED
IN EGYPT FROM
2014-2015

09
JOURNALISTS

01
JOURNALIST

Illustrated narrative

Der Untergang

Wie ihre Schwesterschiffe „Olympic“ und „Britannic“ von der White-Star-Line sollte die „Titanic“ alle Arten von Unfällen überstehen können, auch die Kollision mit einem anderen Schiff. Selbst mit vier oder fünf leckgeschlagenen vorderen Abteilungen sollte sie schwimmfähig bleiben. Doch der Eisberg schlitze den Rumpf an Steuerbord auf, sechs der Abteilungen schlugen leck, der ganze Bugabschnitt wurde geflutet. Hundert Jahre nach dem Unglück versammelten sich Forscher und Filmemacher James Cameron „Titanic“-Experten und erarbeiteten diese neue Theorie, wie das Schiff sank.



1912

14. April, 23.40 Uhr

Ein Eisberg wird direkt voraus gesichtet. Die „Titanic“ – mit fast 21 Knoten unterwegs – kann nicht schnell genug nach Backbord ausweichen. Es kommt zur Kollision.

15. April, 1.50 Uhr

Nach zwei Stunden sackt das vollgelaufene Vorschiff ab. Die „Titanic“ krängt nach Backbord. Durch eine offene Gangwaytür strömt weiteres Wasser ein, die Schlagseite nimmt zu.

Source: National Geographic

Illustrated narrative



2.20 Uhr

Während das Vorschiff abwärtschießt, dreht sich das Heck fast in die Vertikale. Dann fängt es an, abwärtszutrudeln. Teile werden aus dem offenen Ende geschleudert, Kessel stürzen senkrecht in die Tiefe.

2.21 Uhr

Der Vormast knickt, fliegt nach hinten über die Brücke und reißt Schornsteine ab. Im Heck implodieren Lufttaschen. Es dreht sich und sinkt nun mit dem Achtersteven voran.

Illustrated narrative

Vorschiff wie auch Heck sinken weiter, mal schneller, mal langsamer. Der hintere Teil rotiert im Uhrzeigersinn. Dabei reißen weitere Trümmerteile ab, bevor das Heck auf den Meeresboden prallt.



Das Vorschiff bohrt sich mit einer Geschwindigkeit von 30 Knoten (etwa 55 Kilometer pro Stunde) und in einem Winkel von etwa 20 Grad in den Grund. Der Rumpf zerbricht (links), Decks werden zerdrückt. Der hintere Schiffsteil (rechts) wird zerschmettert.



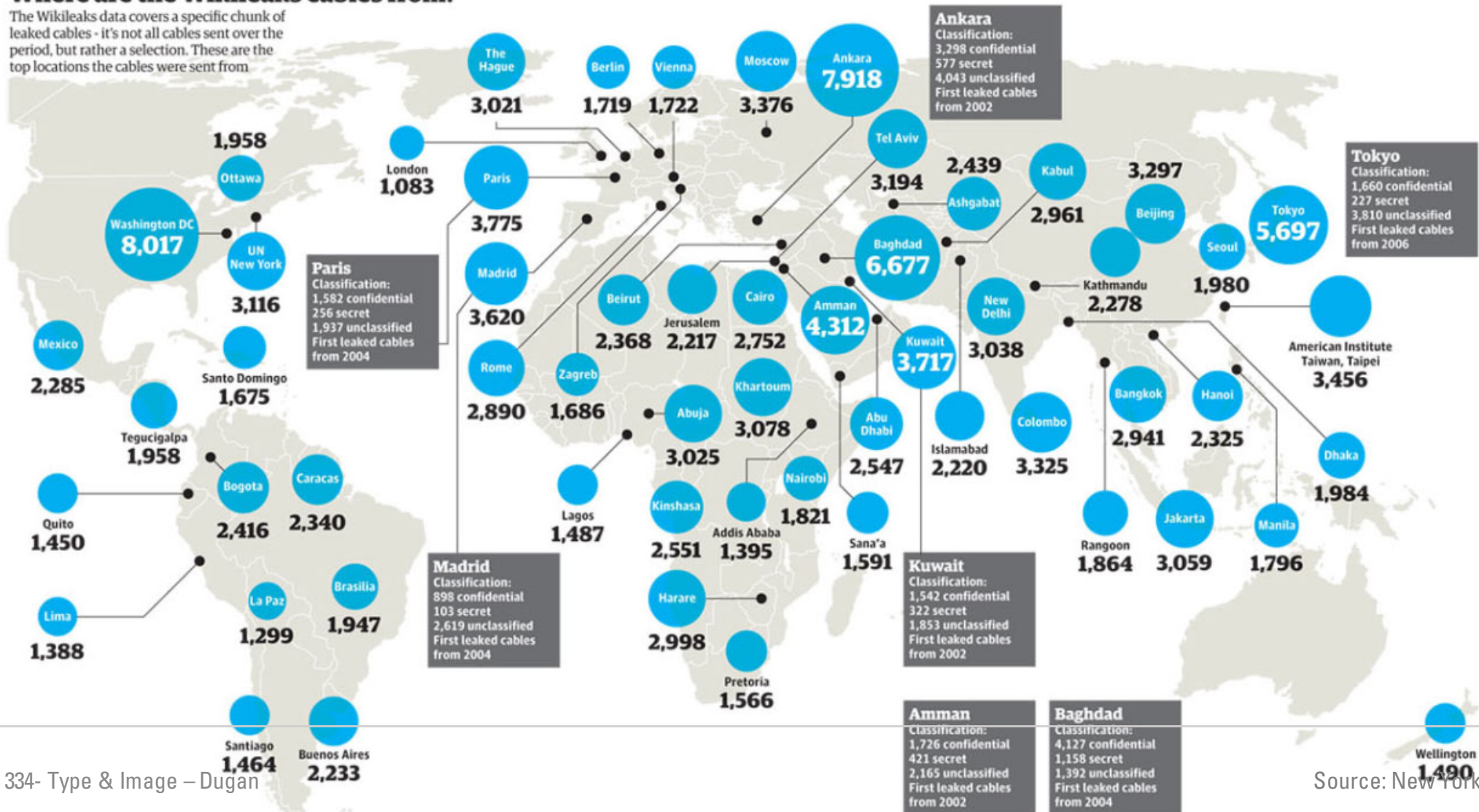
Entfernungen nicht maßstabsgetreu. Vorschiff und Heck liegen 600 Meter voneinander entfernt.



Maps and geography

Where are the Wikileaks cables from?

The Wikileaks data covers a specific chunk of leaked cables - it's not all cables sent over the period, but rather a selection. These are the top locations the cables were sent from



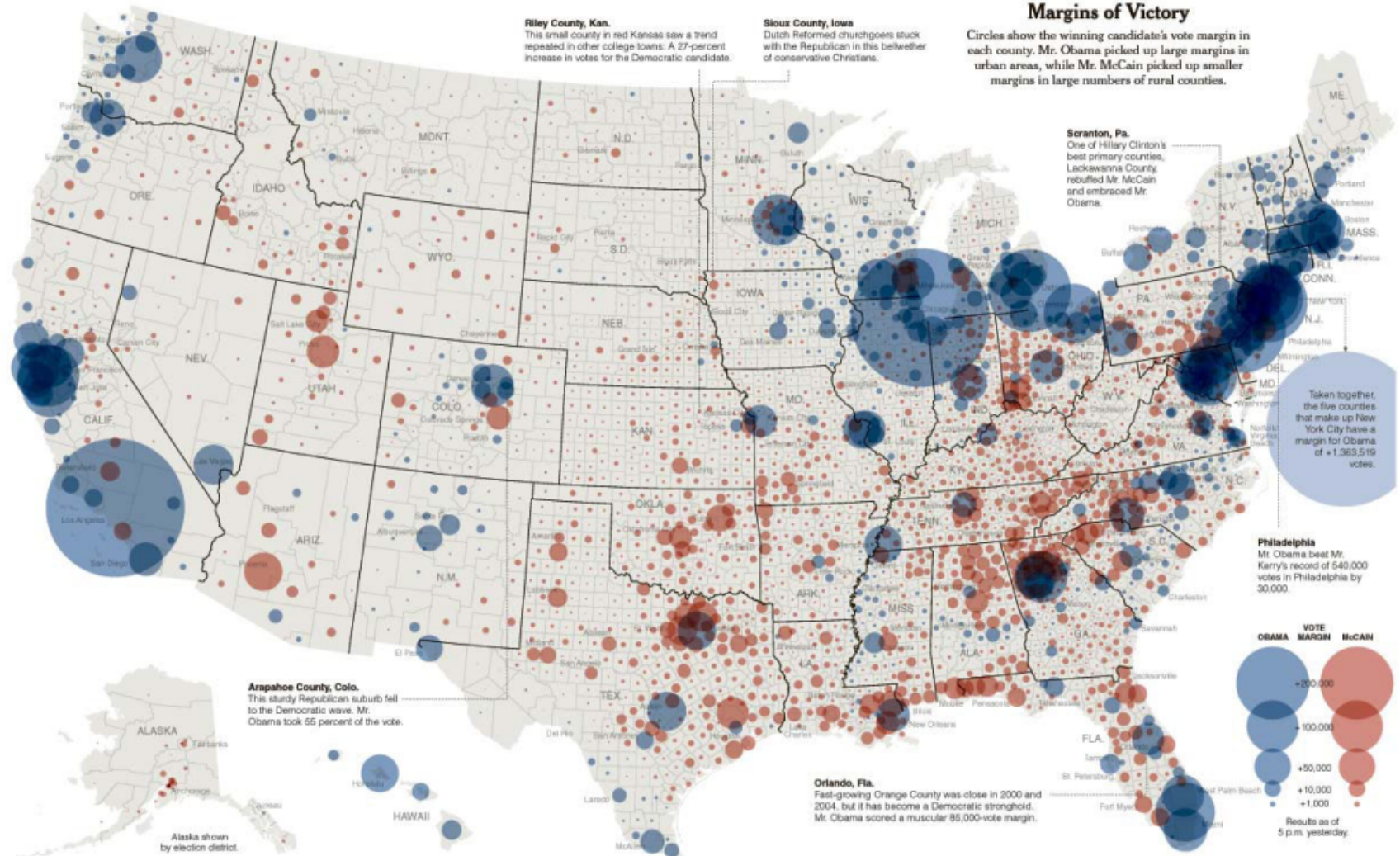
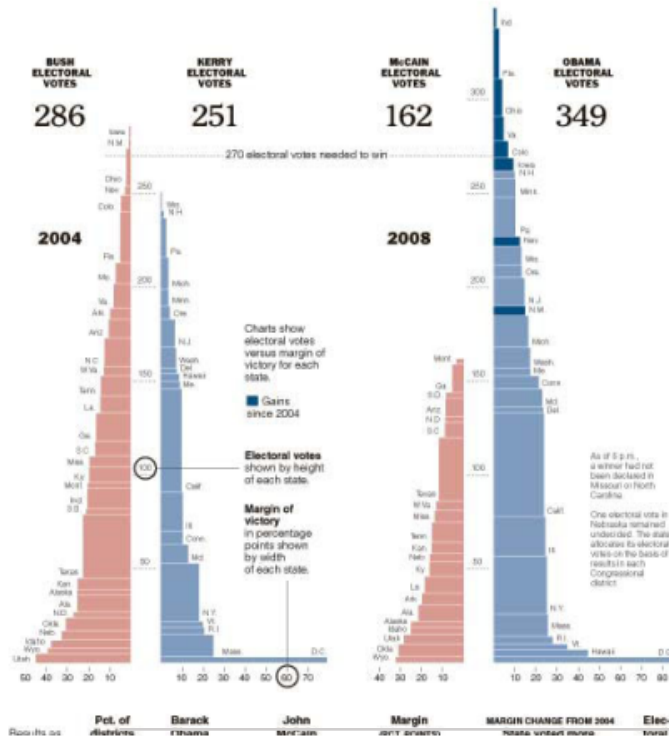
Maps and geography

In a Decisive Victory, Obama Reshapes the Electoral Map

Barack Obama's historic win, with at least 349 electoral votes to John McCain's 162, can be attributed to his victories in several high-population states, like Florida, Virginia and Ohio, that George W. Bush won handily in 2004.

The struggling economy, especially in more industrial states, and high numbers of new voters helped flip key areas from red to blue. Even where Mr. McCain beat Mr. Obama, he won by slimmer margins, as much of the electorate — across age, race and income lines — swung toward the Democratic Party.

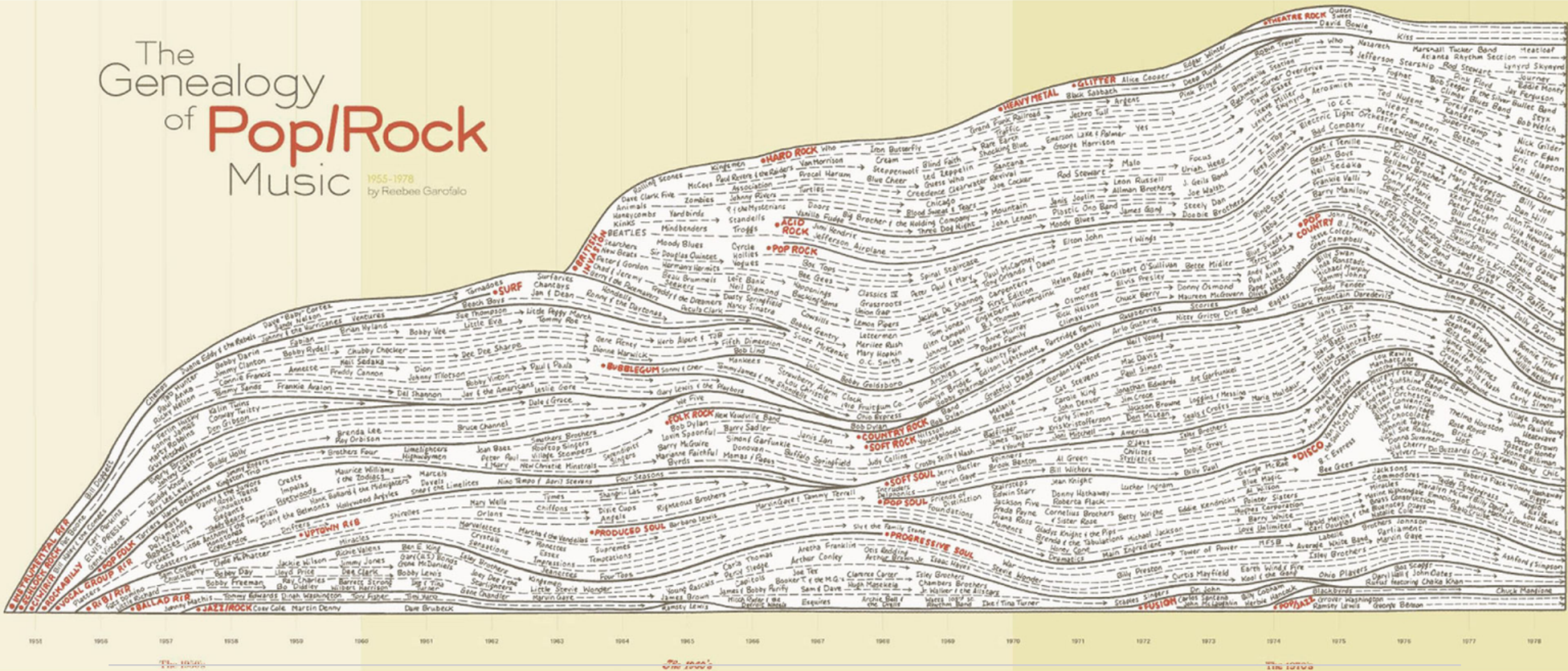
By Erin Aigner, Joe Burgess, Baden Copeland, Matthew Ericson, Hannah Fairfield, Ford Fessenden, Haoyoun Park and Archie Tse



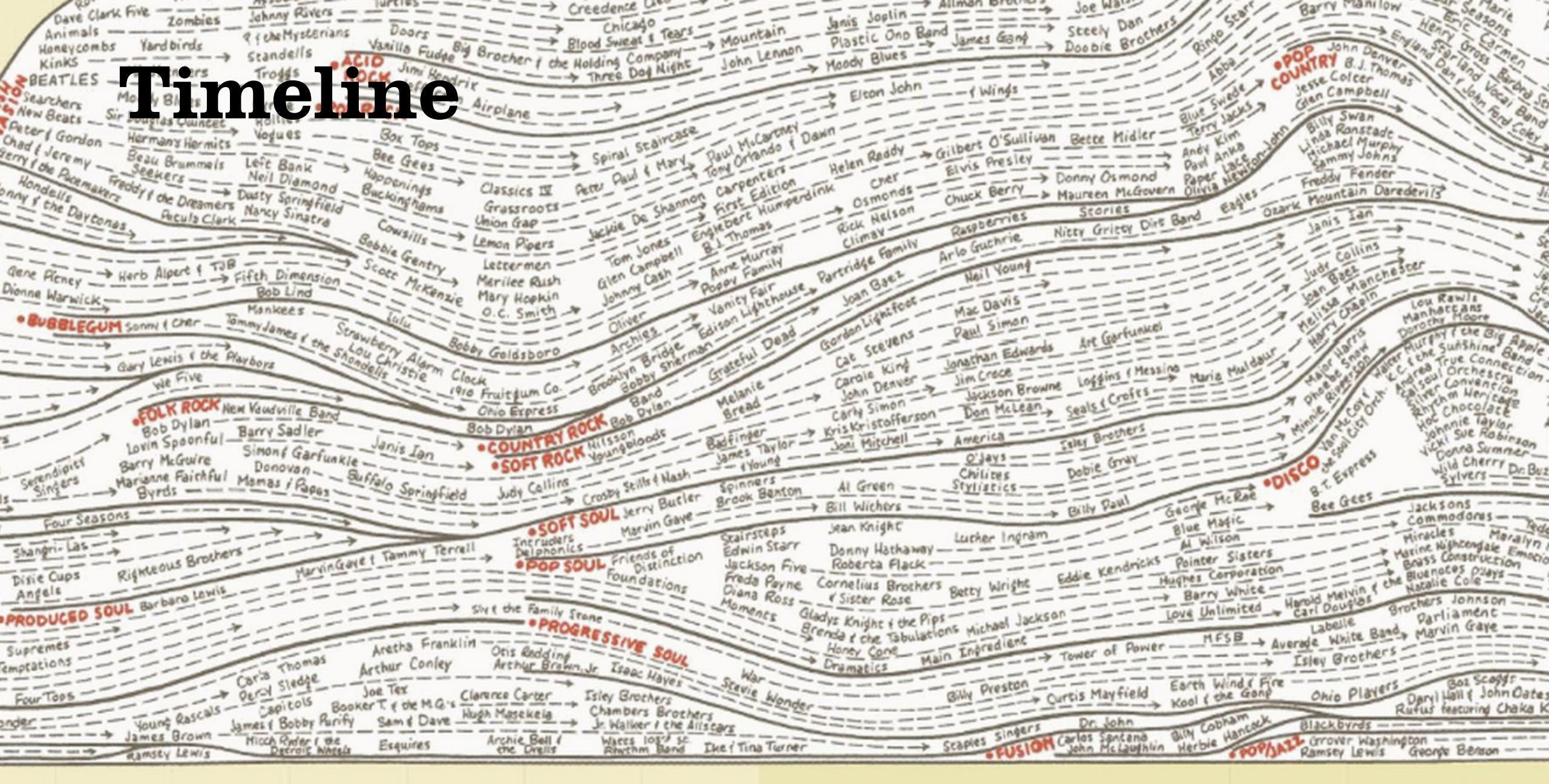
Timeline

The Genealogy of Pop/Rock Music 1955-1978

by Reebee Garofalo



Timeline



1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976

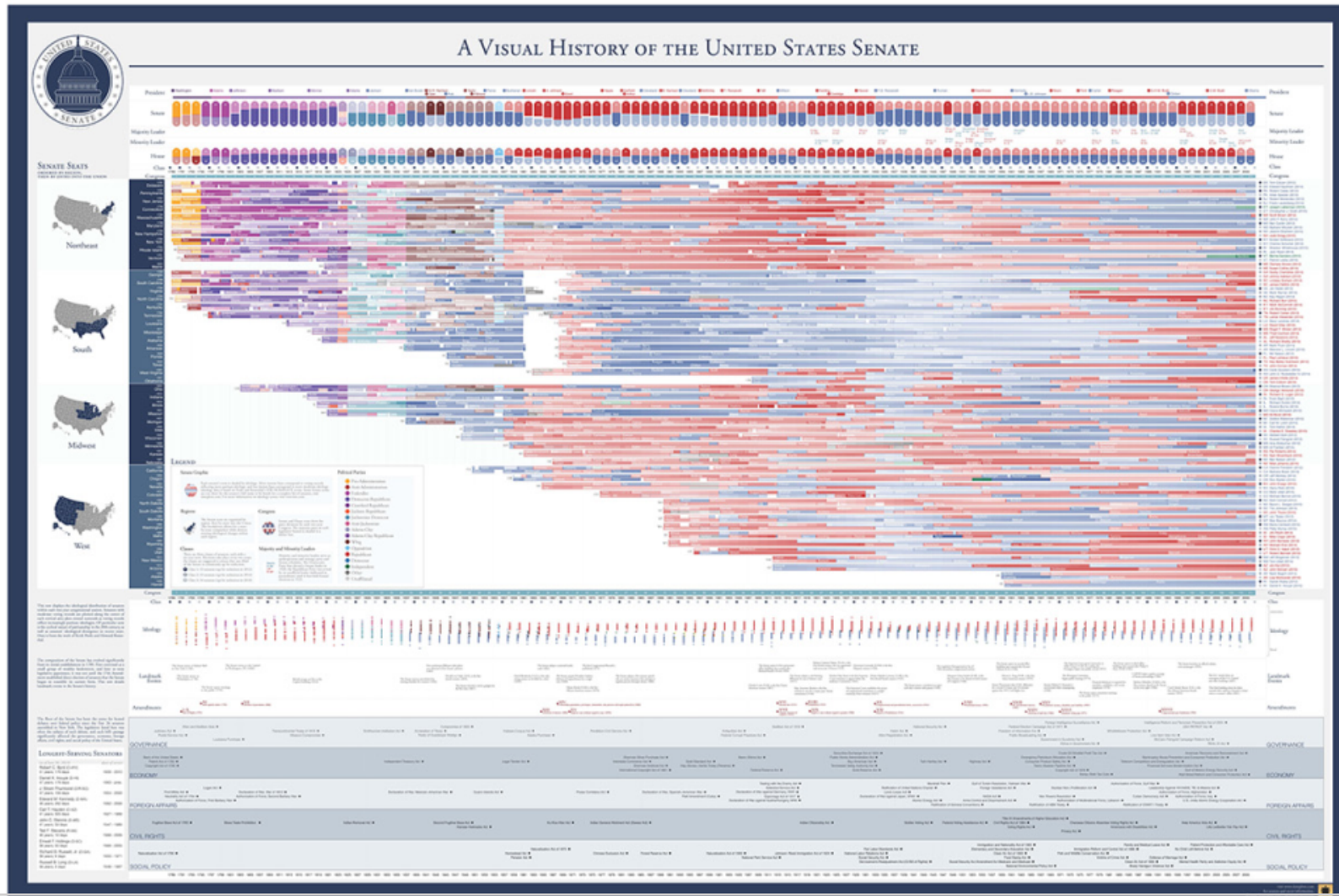
ART 334- Type & Image – Dugan

Source: Reebee Garofalo

The 1960's

The 1970's

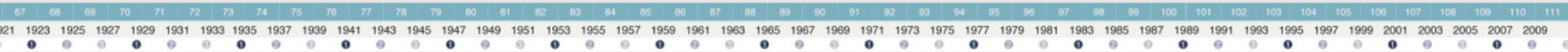
Timeline



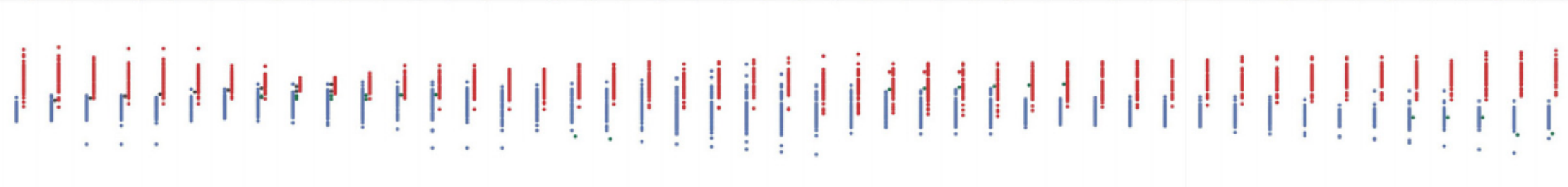
Timeline



- CO Mark Udall (2014)
- CO Michael Bennet (2010)
- ND Kent Conrad (2012)
- ND Byron L. Dorgan (2010)
- SD Tim Johnson (2014)
- SD John Thune (2010)
- MT Jon Tester (2012)
- MT Max Baucus (2014)
- WA Maria Cantwell (2012)
- WA Patty Murray (2010)
- ID Jim Risch (2014)
- ID Mike Crapo (2010)
- WY John Barrasso (2012)
- WY Michael Enzi (2014)
- UT Orrin G. Hatch (2012)
- UT Robert Bennett (2010)
- NM Jeff Bingaman (2012)
- NM Tom Udall (2014)
- AZ Jon Kyl (2012)
- AZ John McCain (2010)
- AK Mark Begich (2014)
- AK Lisa Murkowski (2010)
- HI Daniel Akaka (2012)
- HI Daniel K. Inouye (2010)



- Congress
- Class
- Ideology
- liberal
- conservative



Becca Larimer Felton, D-GA, is the first female senator; she was appointed and serves just 24 hours (1922).

Octaviano Lamasolo, R-NM, is the first Hispanic senator (1928).

The Legislative Reorganization Act of 1946 streamlines congressional activity.

Margaret Chase Smith, R-ME, is the first woman to be elected to both houses of Congress (1948).

The Senate opens its second office building, later named after Everett Dirksen, R-IL (1958).

Hiram L. Fong, R-HI, is the first Asian-American senator (1959).

The Supreme Court grants immunity to Mike Gravel, D-AK, for reading the Pentagon Papers into public record (1972).

The Senate opens its third office building, later named after Philip A. Hart, D-MI (1982).

The Senate launches its official website, www.senate.gov (1995).

- Landmark Events
- The Hart building closes for three months after arson; a letter sent to a senator's office (2001).
- The 9/11 attacks force an evacuation of the U.S. Capitol and office buildings (2001).
- C-SPAN begins regular coverage of Senate proceedings (1986).
- Barbara Mikulski, D-MD, is the first woman elected to the Senate in her own right (1986).
- Carol Mosely-Bean, D-IL, is the first African-American female senator (1993).
- Financial disclosure is required for members, candidates, and certain employees (1978).
- The Senate opens committee meetings to the public (1975).
- Senator Robert F. Kennedy is assassinated while campaigning (1968).
- The Watergate Committee begins public hearings (1973).
- Strom Thurmond, then D-SC, filibusters for a record 24 hours and 18 minutes against the 1957 Civil Rights Act.

- XX Congressional and presidential terms, succession (1933)
- XXI Repeal of Prohibition (1933)
- XXII Presidential tenure (1951)
- XXIII DC presidential electors (1961)
- XXIV Abolition of poll tax (1964)
- XXV Presidential vacancy, disability and inability (1967)
- XXVI Standard voting age (1971)
- XXVII Congressional pay limitations (1992)

- Amendments

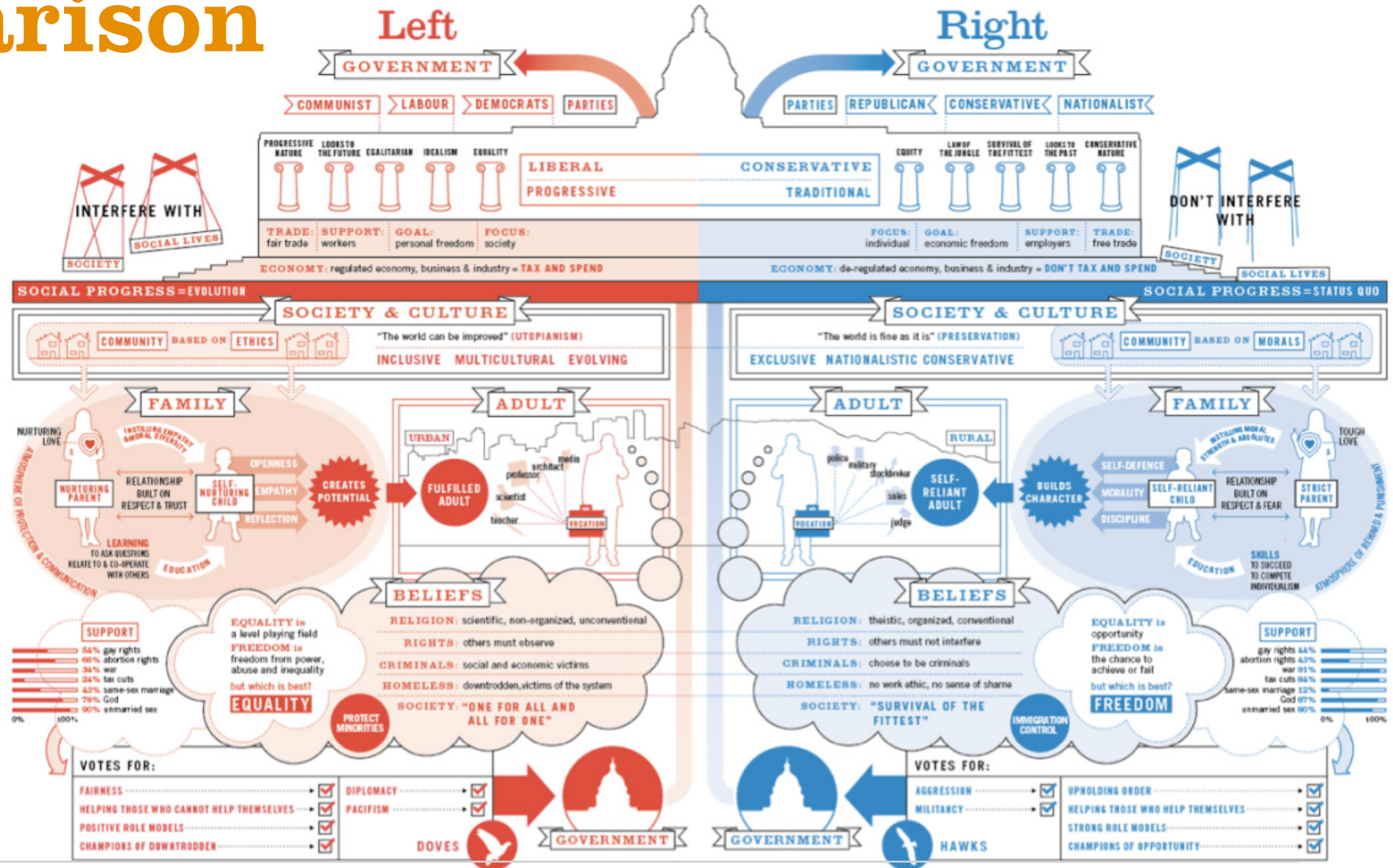
- National Security Act
- Hatch Act
- Alien Registration Act
- Freedom of Information Act
- Public Broadcasting Act
- Government in Sunshine Act
- Ethics in Government Act
- Whistleblower Protection Act
- Intelligence Reform and Terrorism Prevention Act of 2004
- USA PATRIOT Act
- Line Item Veto Act
- McCain-Feingold Campaign Reform Act
- REAL ID Act

- GOVERNANCE

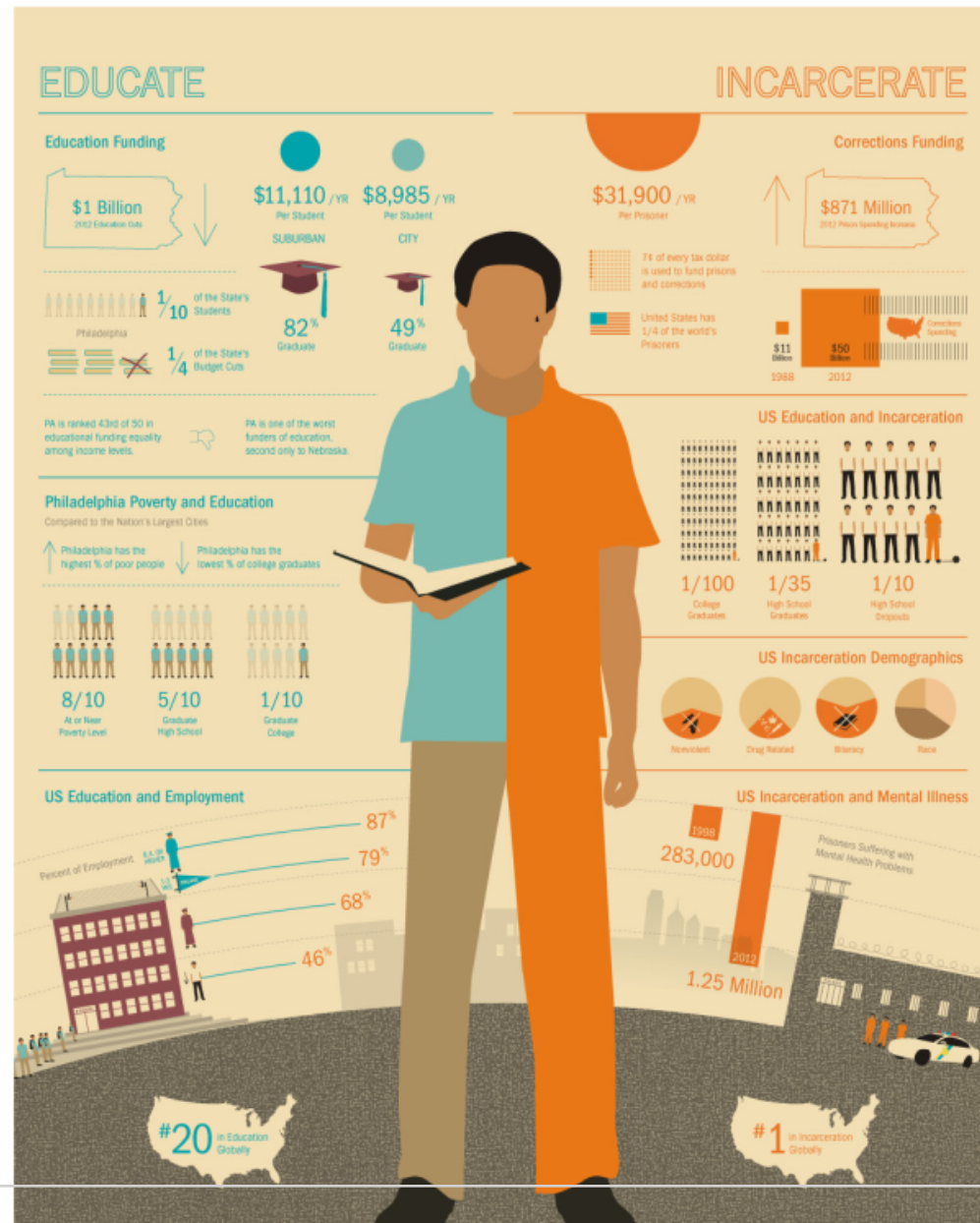
- Securities Exchange Act of 1934
- Public Works Administration Act
- Buy American Act
- Tennessee Valley Authority Act
- Gold Reserve Act
- Taft-Hartley Act
- Highway Act
- Emergency Petroleum Allocation Act
- Consumer Product Safety Act
- Trans-Alaskan Pipeline Act
- Copyright Act of 1976
- Kemp-Roth Tax Cuts
- Crude Oil Windfall Profit Tax Act
- American Recovery and Reinvestment Act
- Bankruptcy Abuse Prevention and Consumer Protection Act
- Telecom Competition and Deregulation Act
- Financial Services Modernization Act
- Gulf of Mexico Energy Security Act
- Wall Street Reform and Consumer Protection Act

- ECONOMY

Comparison

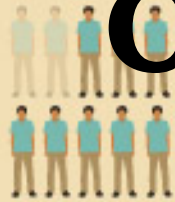


Comparison



highest % of poor people ↓ lowest % of college graduates

Comparison



8/10

At or Near
Poverty Level



5/10

Graduate
High School



1/10

Graduate
College

1/100

College
Graduates

1/35

High School
Graduates

1/10

High School
Dropouts

US Incarceration Demographics



Nonviolent



Drug Related

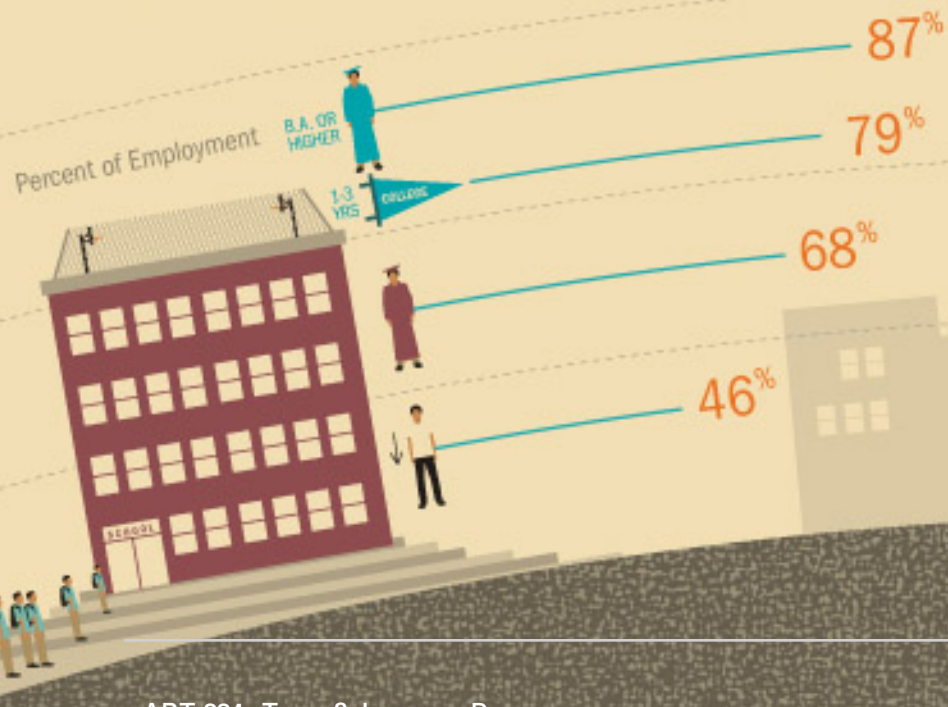


Illiteracy



Race

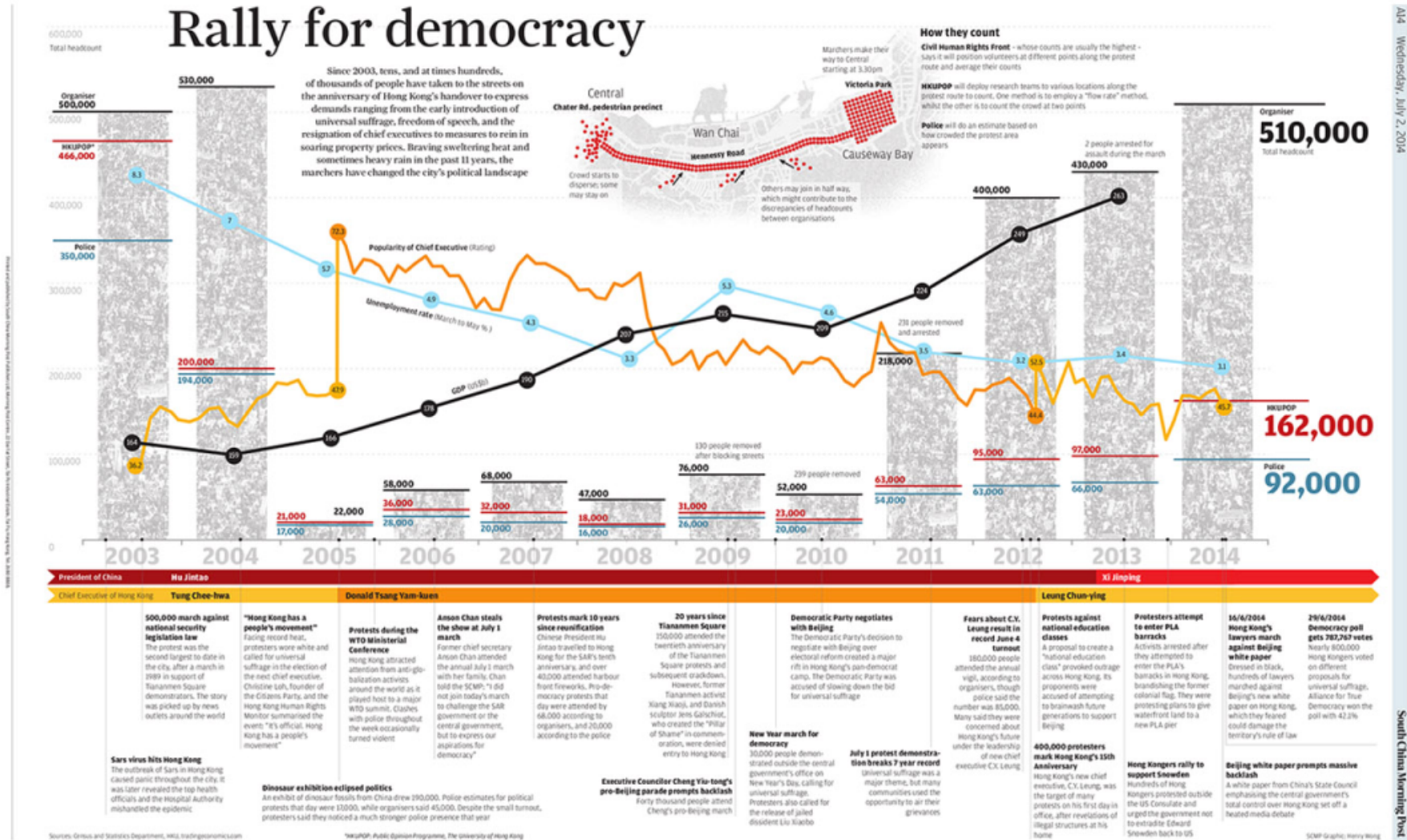
US Education and Employment



US Incarceration and Mental Illness

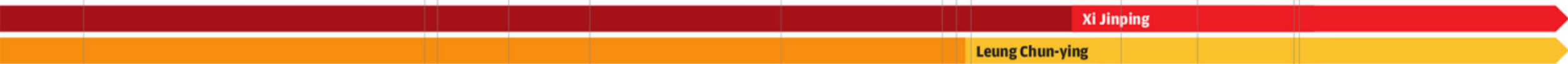
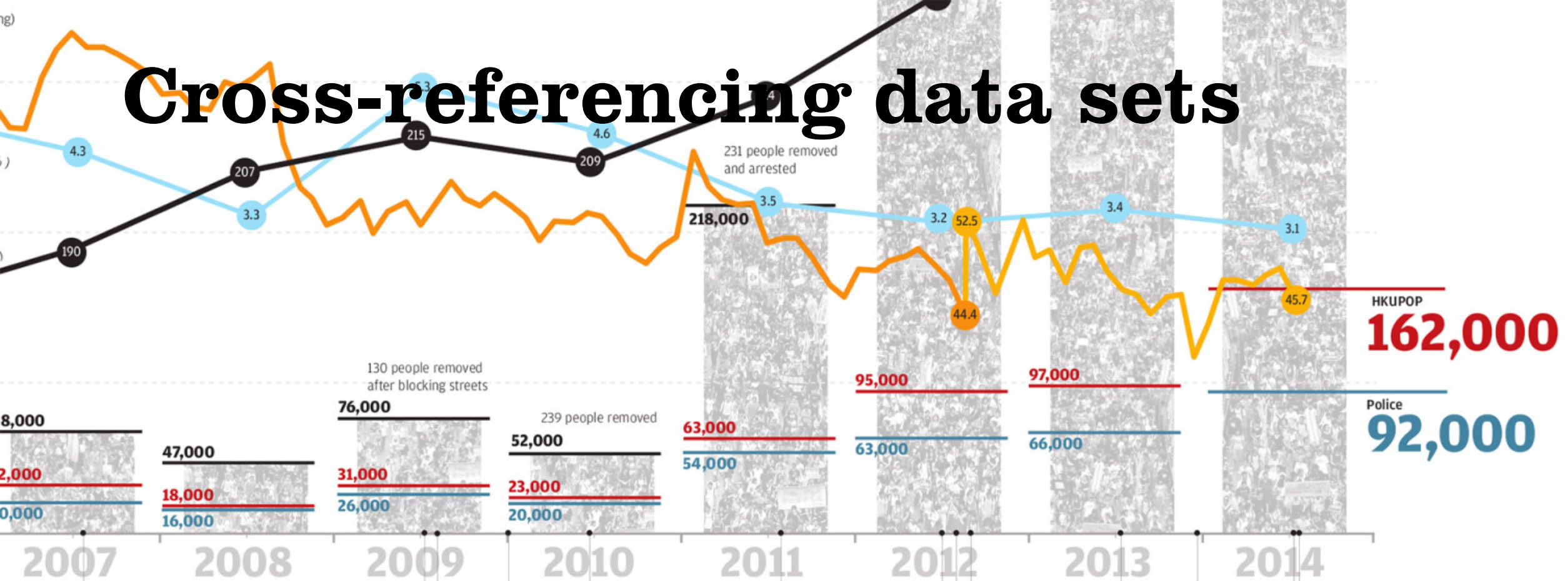


Cross-referencing data sets



A14 Wednesday, July 2, 2014
 South China Morning Post

Cross-referencing data sets



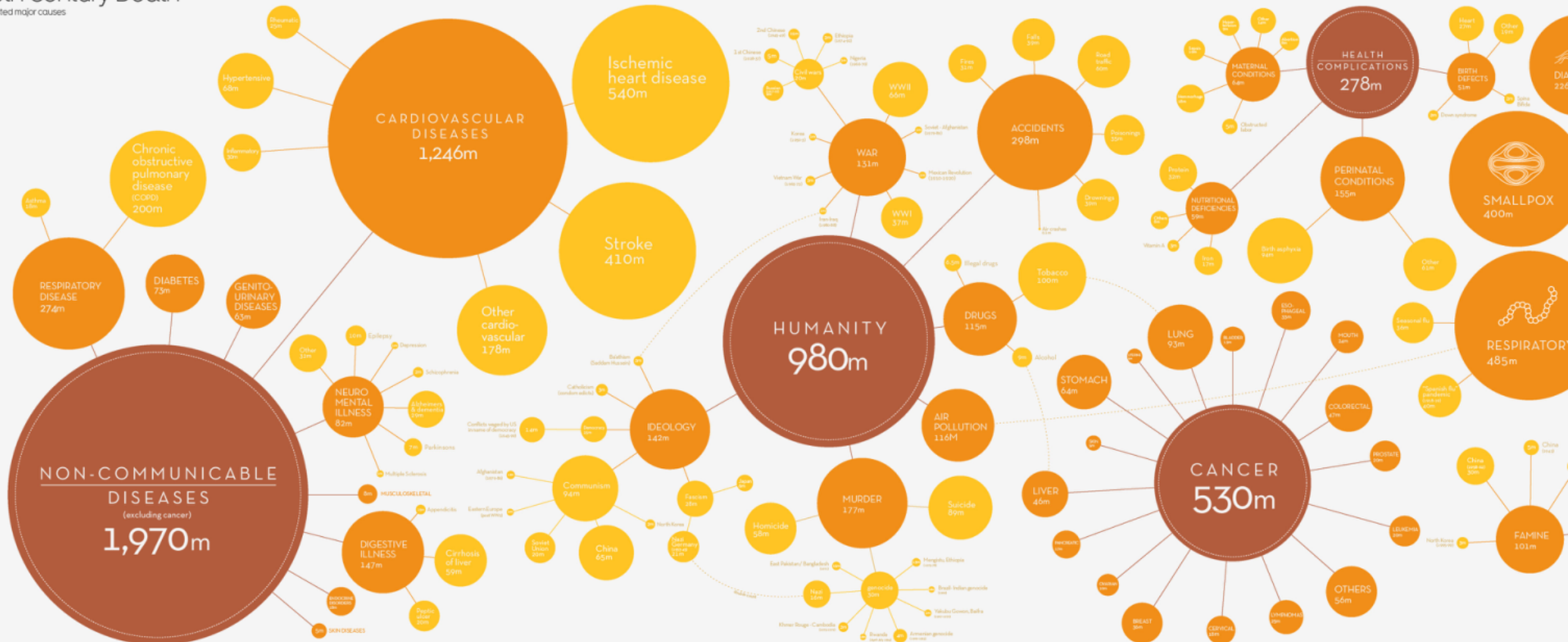
<p>Protests mark 10 years since reunification Chinese President Hu Jintao travelled to Hong Kong for the SAR's tenth anniversary, and over 40,000 attended harbour front fireworks. Pro-democracy protests that day were attended by 68,000 according to organisers and 20,000 according to the police.</p>	<p>20 years since Tiananmen Square 150,000 attended the twentieth anniversary of the Tiananmen Square protests and subsequent crackdown. However, former Tiananmen activist Xiang Xiaoji, and Danish sculptor Jens Galschiot, who erected the "Pillar of Shame" in commemoration, were denied</p>	<p>Democratic Party negotiates with Beijing The Democratic Party's decision to negotiate with Beijing over electoral reform created a major rift in Hong Kong's pan-democrat camp. The Democratic Party was accused of slowing down the bid for universal suffrage.</p>	<p>Fears about C.Y. Leung result in record June 4 turnout 180,000 people attended the annual vigil, according to organisers, though police said the number was 85,000. Many said they were concerned about Hong Kong's future under the leadership</p>	<p>Protests against national education classes A proposal to create a "national education class" provoked outrage across Hong Kong. Its proponents were accused of attempting to brainwash future generations to support Beijing.</p>	<p>Protesters attempt to enter PLA barracks Activists arrested after they attempted to enter the PLA's barracks in Hong Kong, brandishing the former colonial flag. They were protesting plans to give waterfront land to a new PLA pier.</p>	<p>16/6/2014 Hong Kong's lawyers march against Beijing white paper Dressed in black, hundreds of lawyers marched against Beijing's new white paper on Hong Kong, which they feared would erode the territory's rule of law.</p>	<p>29/6/2014 Democracy poll gets 787,767 votes Nearly 800,000 Hong Kongers voted on different proposals for universal suffrage. Alliance for True Democracy won the poll with 42.1%.</p>
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ART 334 Type & Image Design

Source: South China Morning Post

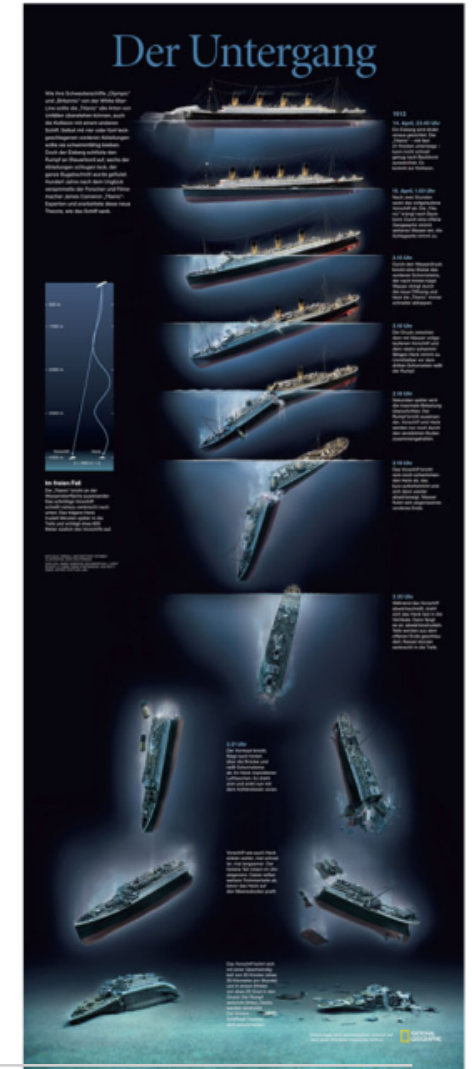
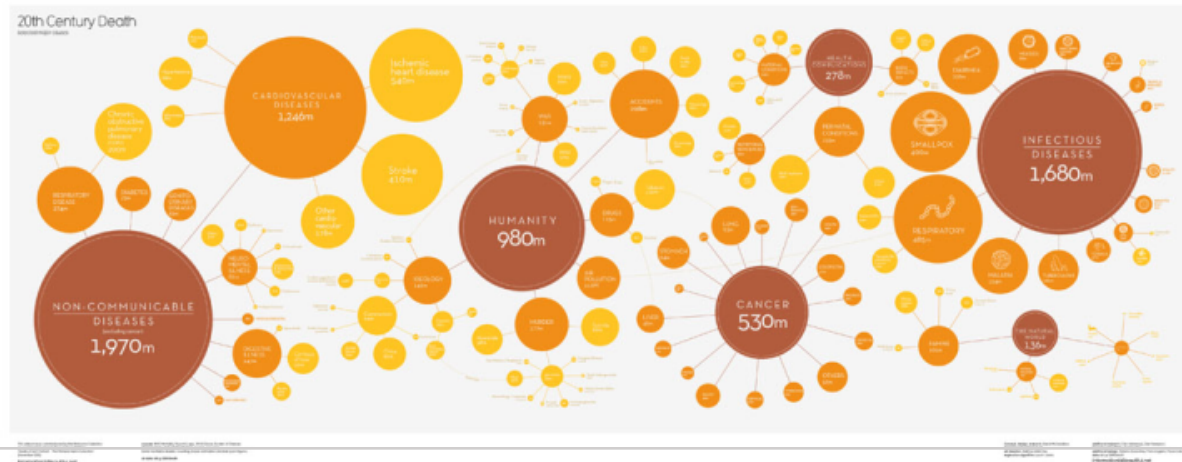
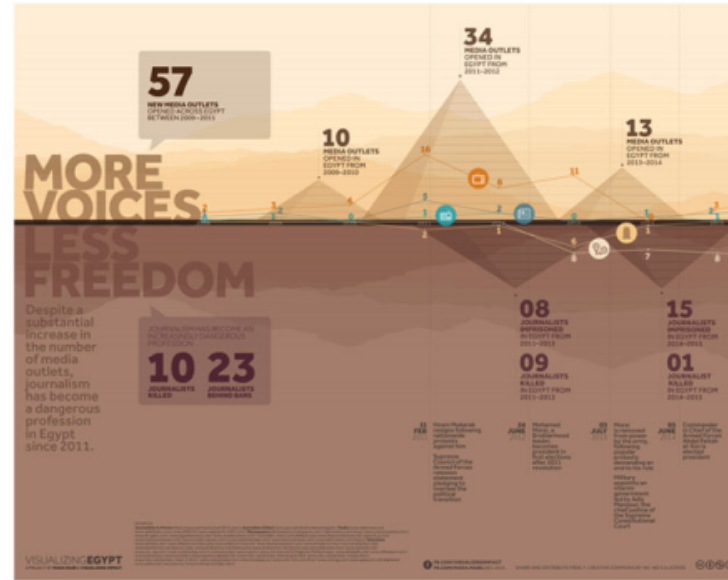
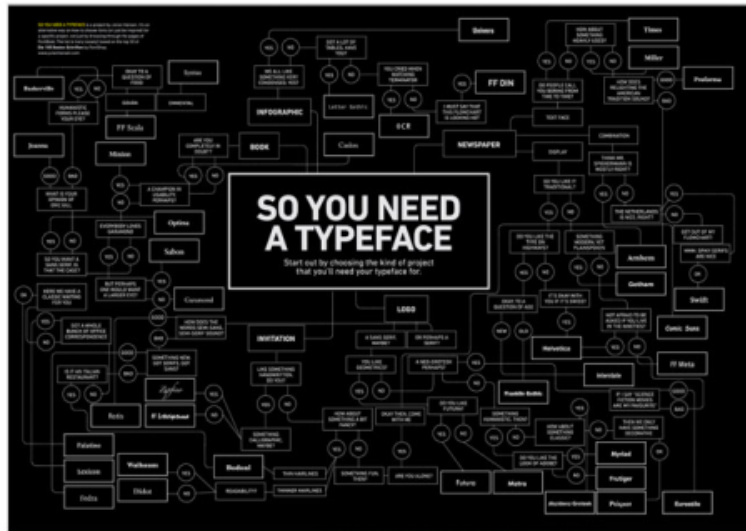
Cross-referencing data sets

20th Century Death
selected major causes



What size is it?

Possibilities are endless



Remember to keep it modular



Inspired

163,774

Facebook fans and 24,064 Twitter followers to learn more and share news and actions for ocean protection.

25 FINATHON® TEAMS TO RAISE \$52,495 TO HELP FIGHT, INSIST AND NEGOTIATE FOR THREATENED SHARKS AND RAYS.

269

dive centres
Instructors
ocean protection
100% AWARE

Mobilized

5,483

OCEAN ADVOCATES TO SEND 28,804 LETTERS URGING SUPPORT FOR SHARK AND RAY PROTECTION

4096

SCUBA DIVERS IN 58 COUNTRIES TO REMOVE 87,668 ITEMS OF RUBBISH WEIGHING OVER 28,000 KGS.

182

CERTIFIED DIVE AGAINST DEBRIS INSTRUCTORS TO HELP TRAIN A BASE OF VOLUNTEERS COMBATTING OCEAN TRASH EVERY DAY.

Activated

1,908

divers to pledge to follow 10 Tips for Divers to Protect the Ocean Planet

30,190

29,481

people on the global marine debris crisis, the type of rubbish found by divers and amount removed from the ocean.

What's the story?

Who is your audience?

- Is this for mass media? An organization? A corporation?
- Newspaper? Online interactive? Social media?
- What do you want users to get out of this?
- What do you want them to do when they've read it?

A large narrative idea

Good narratives start with an intriguing premise.

- A brush with greatness: Was it evil? Was it benign? How did it affect the person/people who experienced it?
- Two different versions of the same event: World War II, D-Day; the Baltimore riots; Tiananmen Square.
- A firsthand account of an experience with a controversial issue.
- A dramatic moment of success or failure.

Start your research

Start asking questions:

- Who?
- What?
- Where?
- When?
- Why?

Just a bunch of figures won't do it

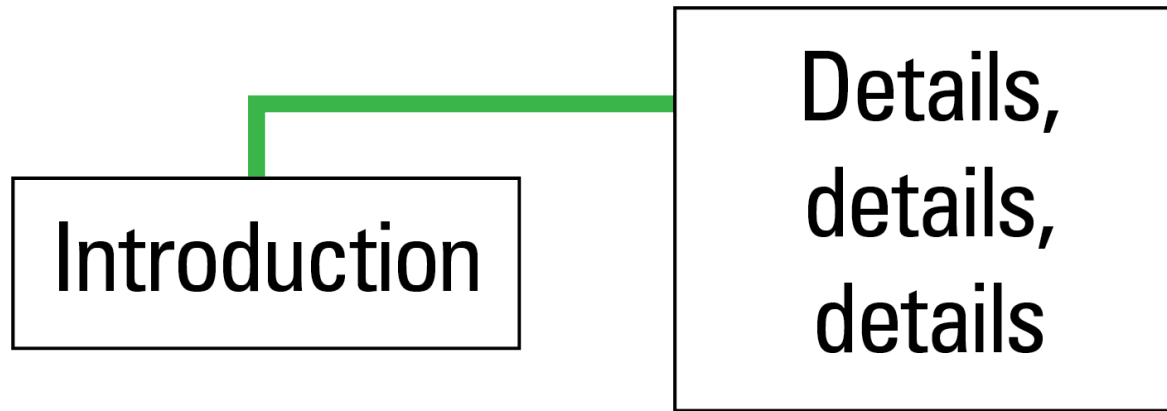
Answer these questions.

- Who are we talking about?
- What's the big deal?
- Where is this in relation to me?
- When did all of this go down, anyway?
- **Why should I care?**

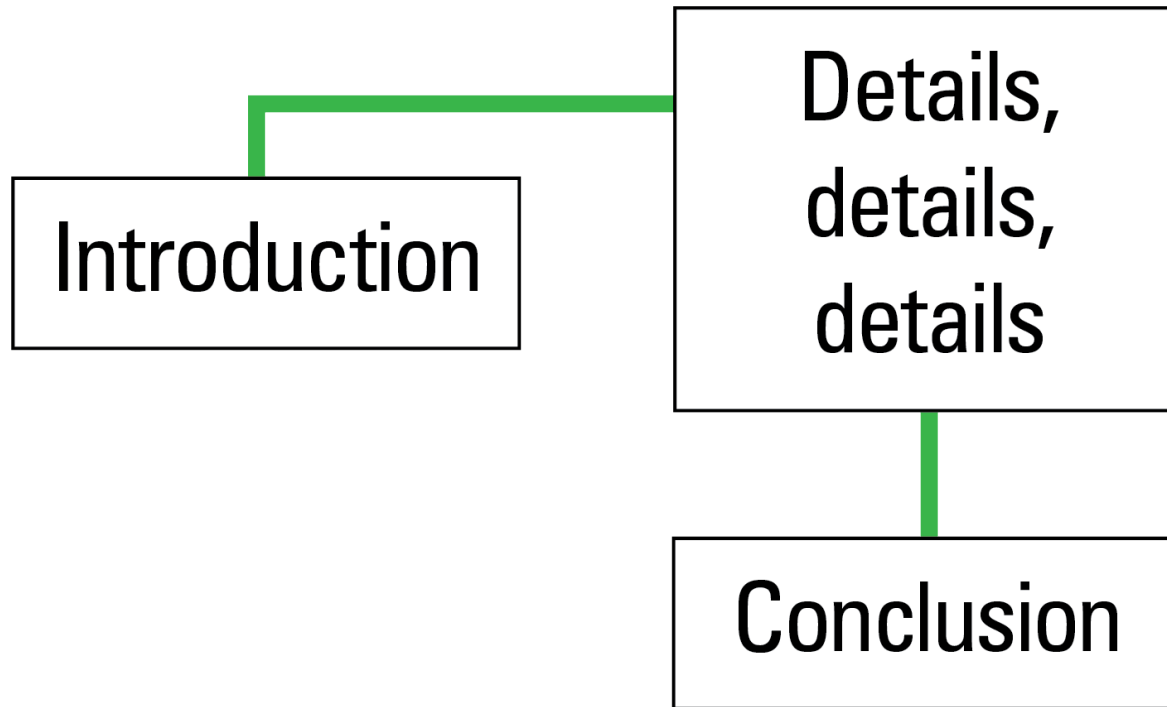
Have a way to structure the content

Introduction

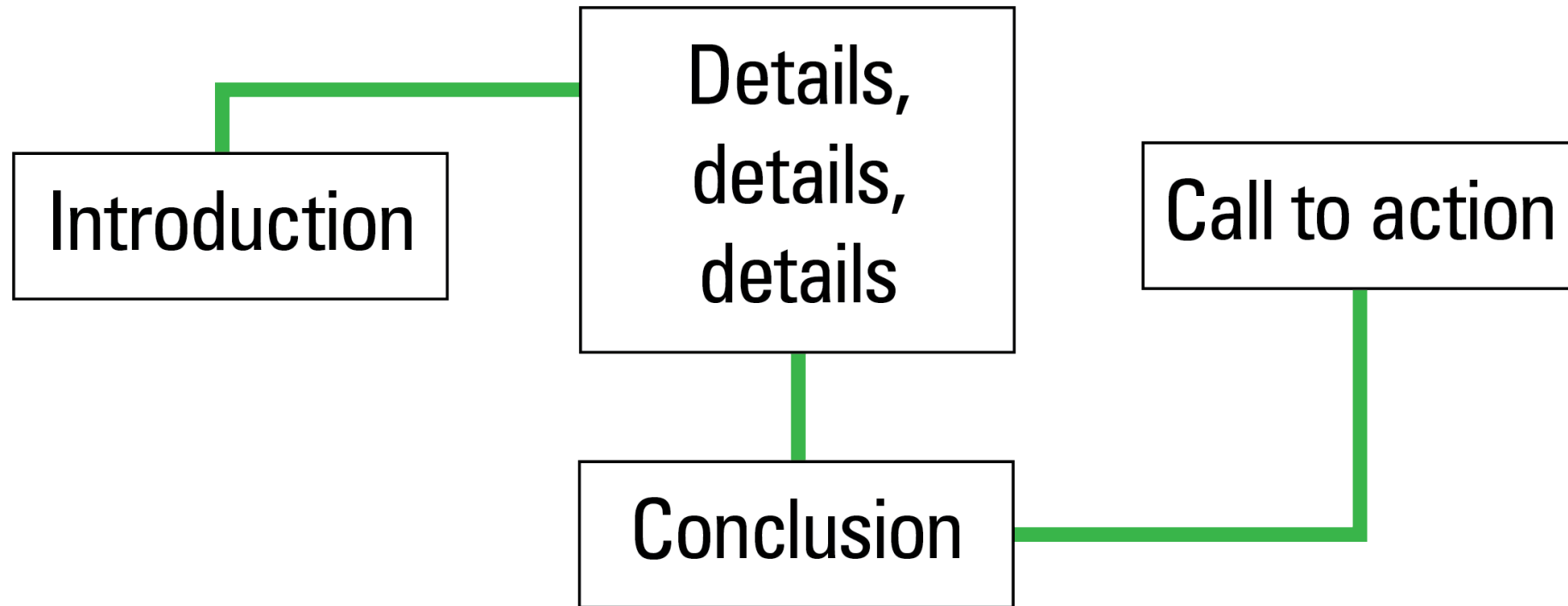
Have a way to structure the content



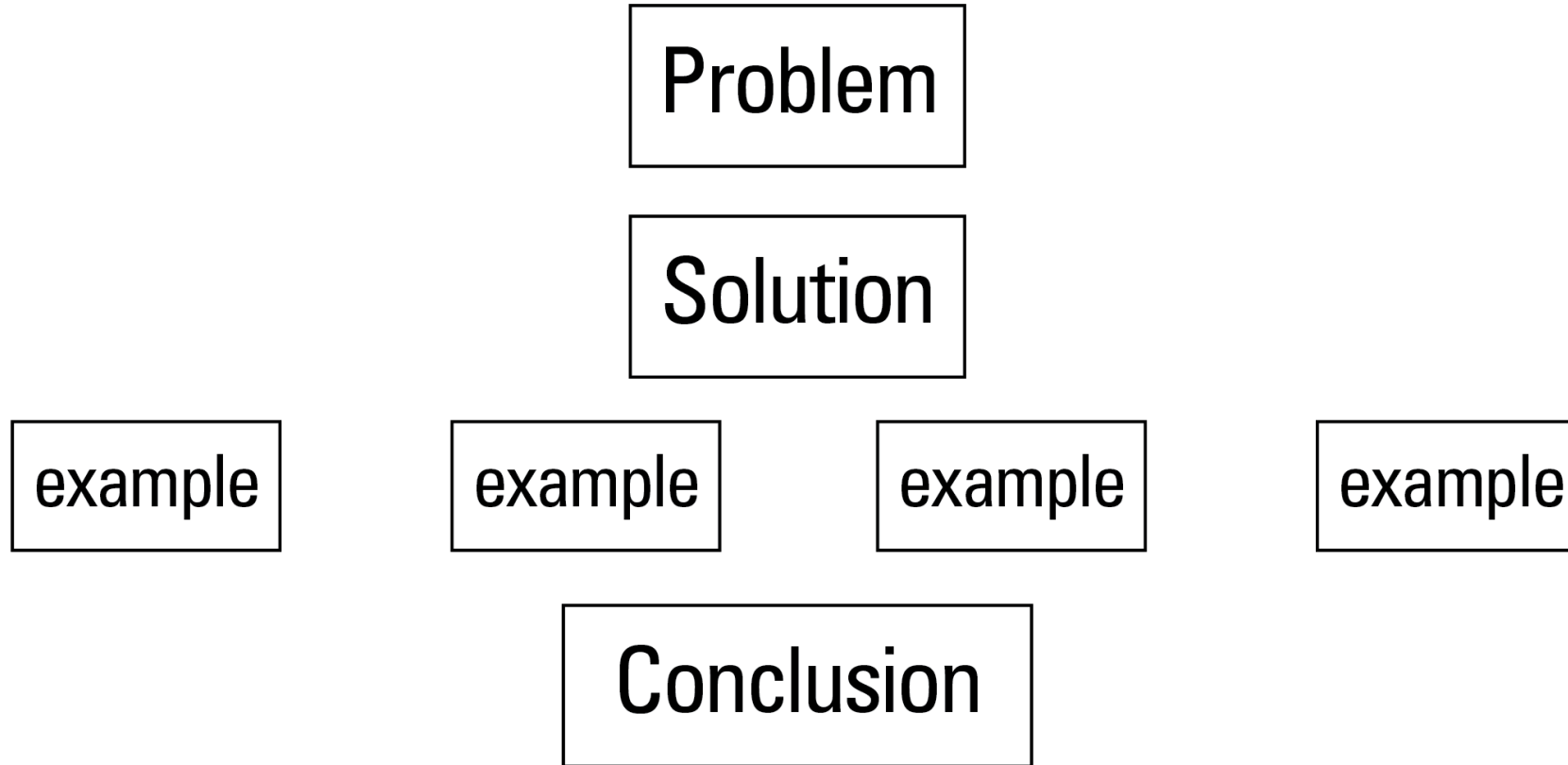
Have a way to structure the content



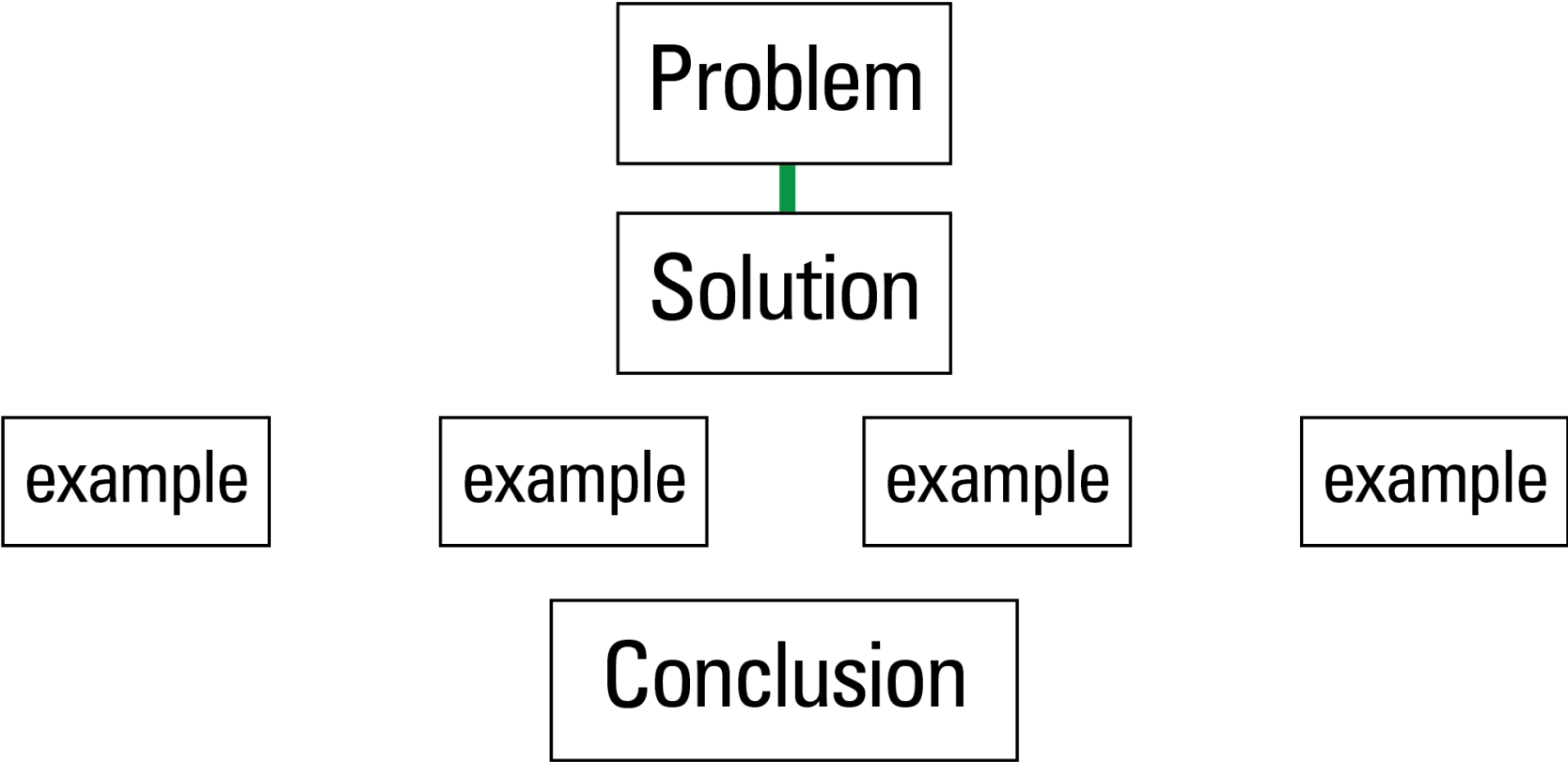
Have a way to structure the content



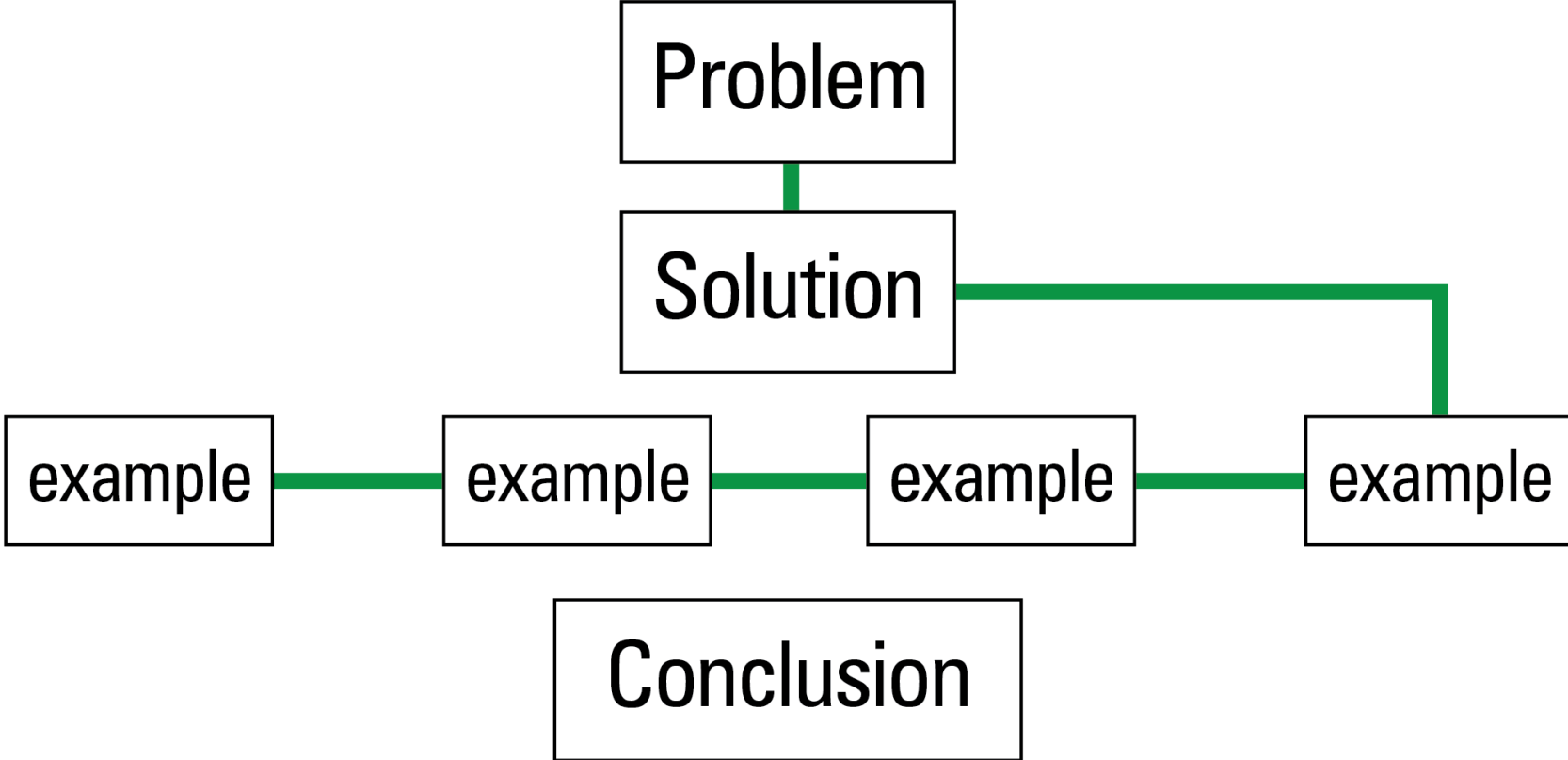
Problem/solution



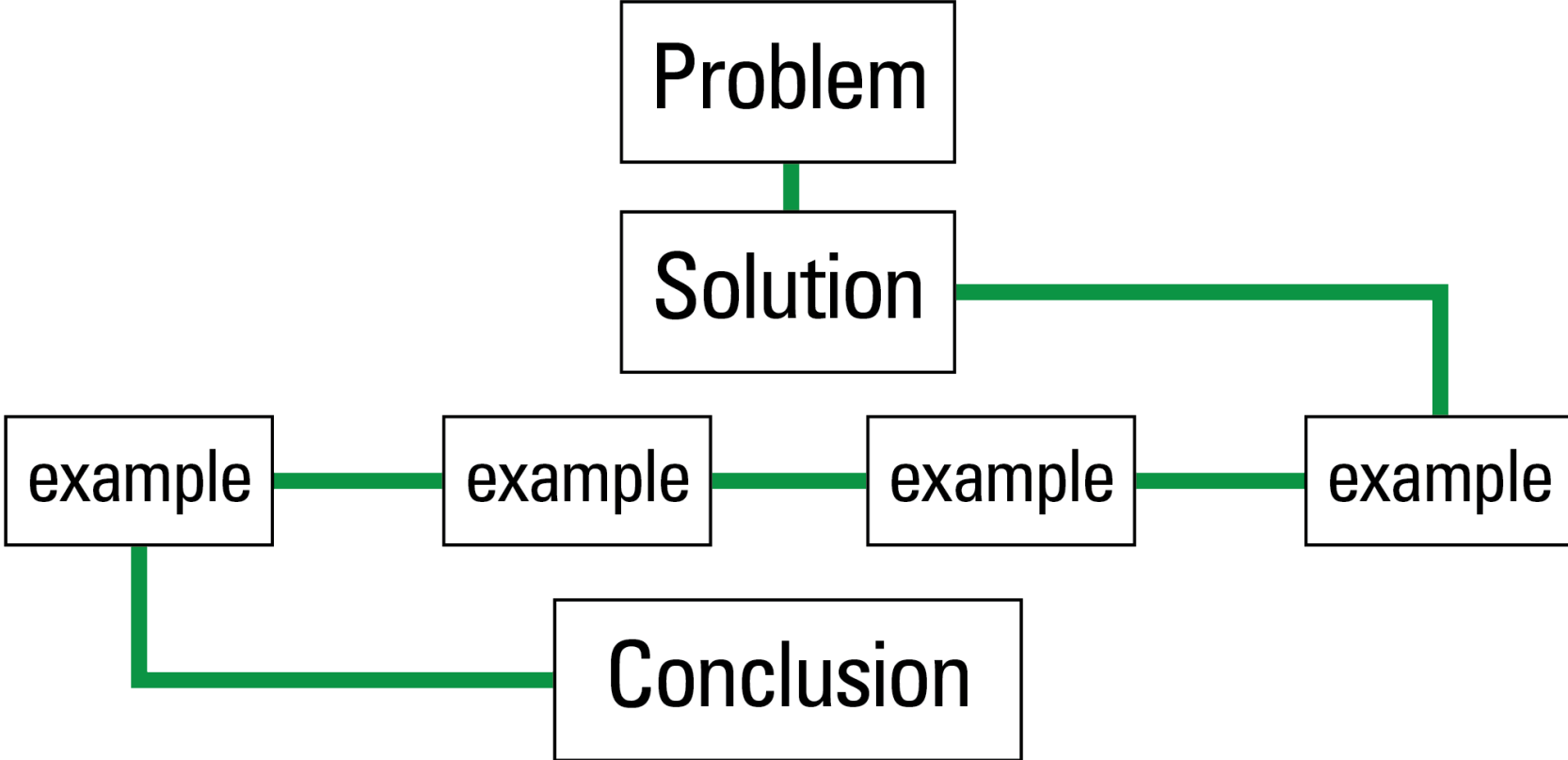
Problem/solution



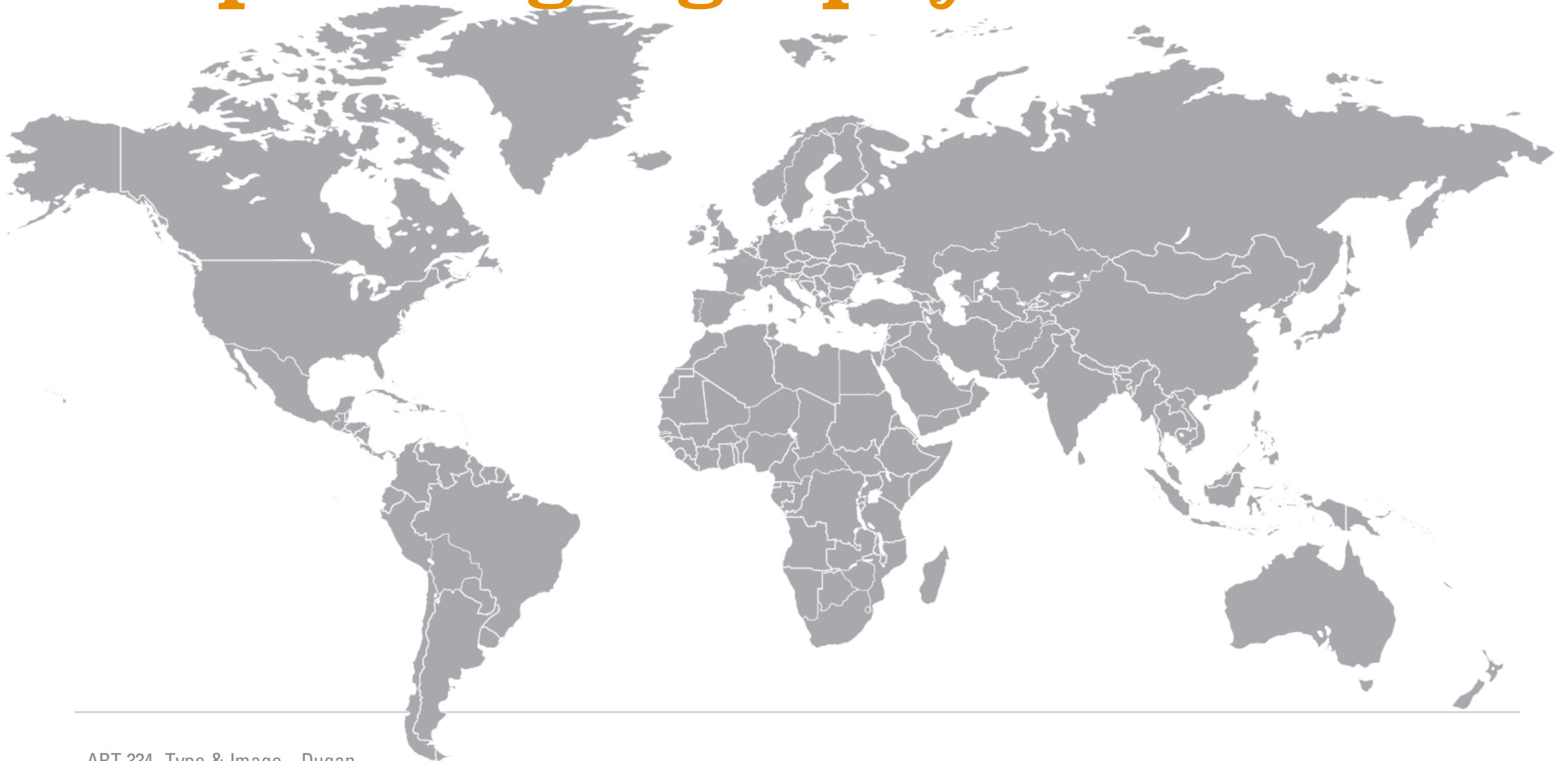
Problem/solution



Problem/solution



Maps and geography



Maps and geography



DATA

Credits and attribution

List where you found the data.

Source: Name of Publication, URL, Book title, author