Kasutajakeskne visualiseerimine

Eesti Kunstiakadeemia & Praxis
17/24.11.2014

Avatud Eesti Fond
Open Estonia Foundation

ICELAND LIECHTENSTEIN NORWAY
eea grants

I
Mis see on

II
Miks seda vaja on

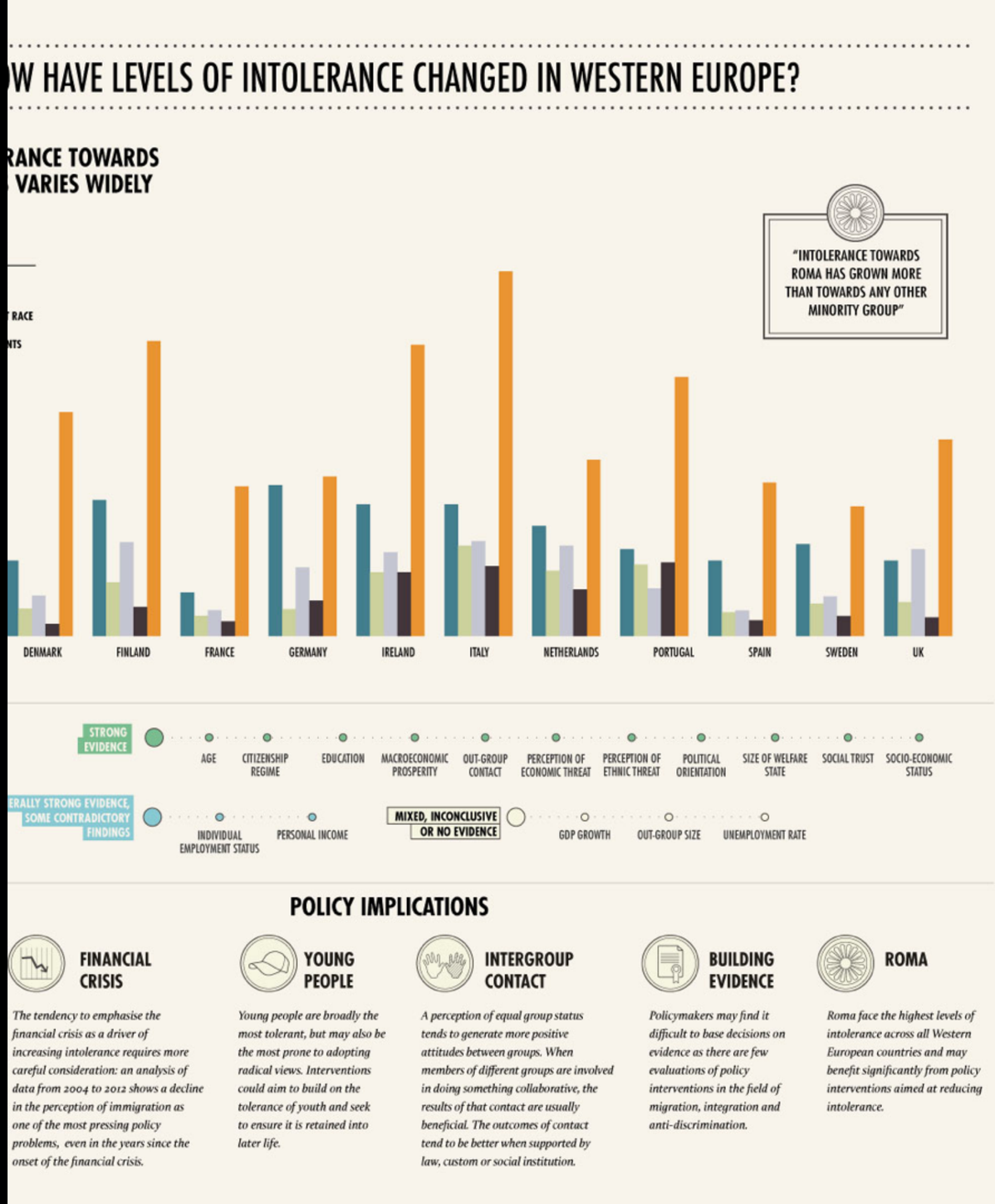
III
Kuidas seda tehakse

I
Mis see on

I

Mis see on

a) Andmete visualiseerimine



I

Mis see on

a) Andmete visualiseerimine
b) Infograafika

FALL OF THE BERLIN WALL

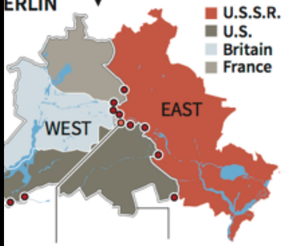
25 YEARS

n November 9, 1989, housands of East Germans ocked to border crossings in erlin, and for the first time, rossed into West Berlin while order guards stood back and id nothing to stop them.

he wall, which separated the ty and its people for almost ree decades, was breached. ast and West Berliners pulled own the wall together.

ERMANY

ERLIN



neckpoint harlie
reigners and plomats' neckpoint

The 155km wall enclosed West Berlin in East Germany

TIMELINE

1945
Red Army captures Berlin. City is divided into a Soviet sector in the east, and U.S., British and French sectors in the west.

1949
Soviets force blockade on West Berlin. The Western Allies supply the city with airlifts.

1952
Border between East and West Germany and East and West Berlin is closed.

Federal Republic of West Germany and the German Democratic Republic - East Germany are founded.

1961
Sectorial border between East and West Berlin, and the Brandenburg Gate are closed. Barriers are built.

1963
U.S. President John F. Kennedy visits Berlin and declares "Ich bin ein Berliner".

1971
Four-Power agreement over Berlin makes visiting to East easier for West Berliners.

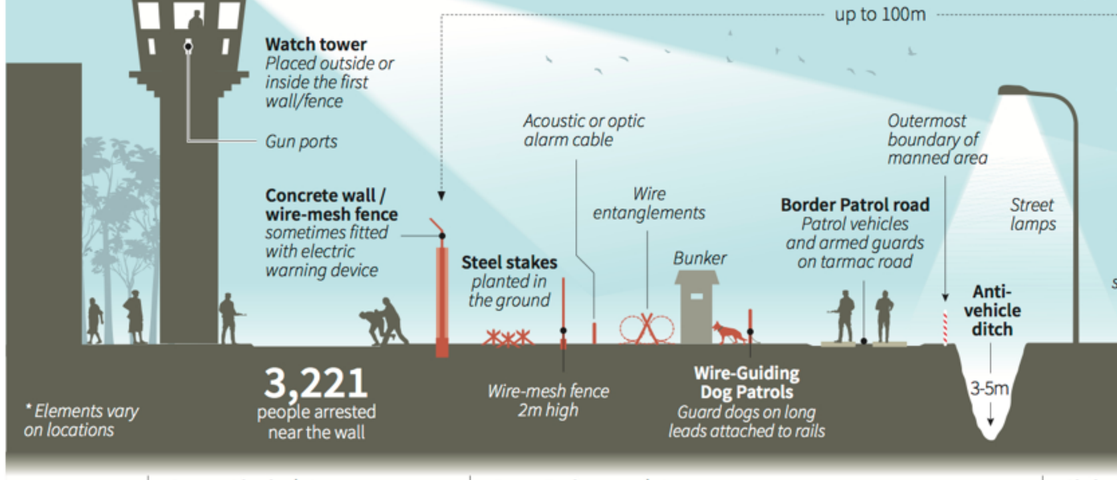
1989
Nov. 4 - About one million people attend a pro-demo rally in East Berlin's main square. The East German government resigns.

1940s | 1950s | 1960s | 1970s | 1980s

1987
U.S. President Ronald Reag visits Berlin and urges Sovi leader Mikhail Gorbachev t tear down the wall.

BORDER FORTIFICATIONS*

302	14,000	259	20	239	260	5,
Watchtowers	Border guards	Dog runs	Bunkers	Escapees killed	Wounded	Escap (inc.



NOTABLE DEATHS

Gunter Litwin | Aug. 1961
First person killed crossing the wall

Peter Fechter, 18 | Aug. 17, 1962
Shot and bled to death while crossing the wall, witnessed by many

Chris
Last pe

ESCAPE TO THE WEST

Tunnels - 70 were dug by agents to help people flee from East to West Berlin. One group dug a 130m tunnel from the cellar of a former West Berlin bakery to an outhouse on the East German side, freeing 57 East Berliners

Retrofitted cars
Hidden compartment in BMW Isetta cars made 8 escapes possible.

Surfboard escape
Escapee is hidden between two carved-out surfboards mounted on top of vehicle.

Fake passports/ sewer system
Thousands of East Berliners escaped with fake passports using identities set up by West Berlin students. Sewer tunnels were also used for escapes.

Flyer
Thomas Kruger defected by landing a Zlin Z-42M light aircraft of the Gessellschaft fur Sport und Technik, at RAF Gatow. His aircraft was dismantled and returned to the East Germans by road, but with humorous slogans painted by RAF airmen such as "Wish you were here" and "Come back soon".

Sources: Museum Haus am Che

on, 07/11/2014

II
Miks seda vaja on

II

Miks seda vaja on

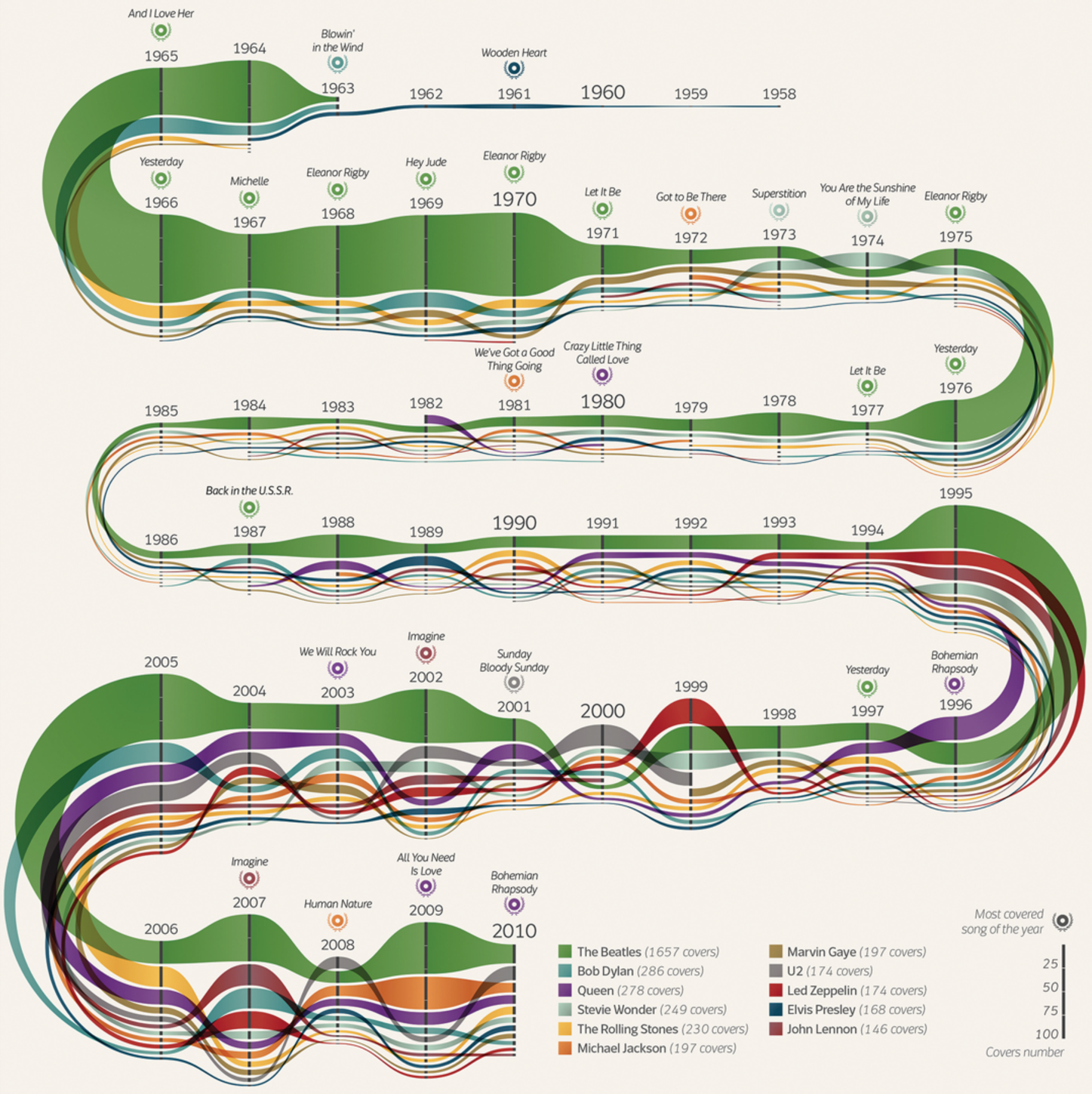
http://neomam.com/interactive/13reasons/

III
Kuidas seda tehakse

1. Lugu

1. Lugu

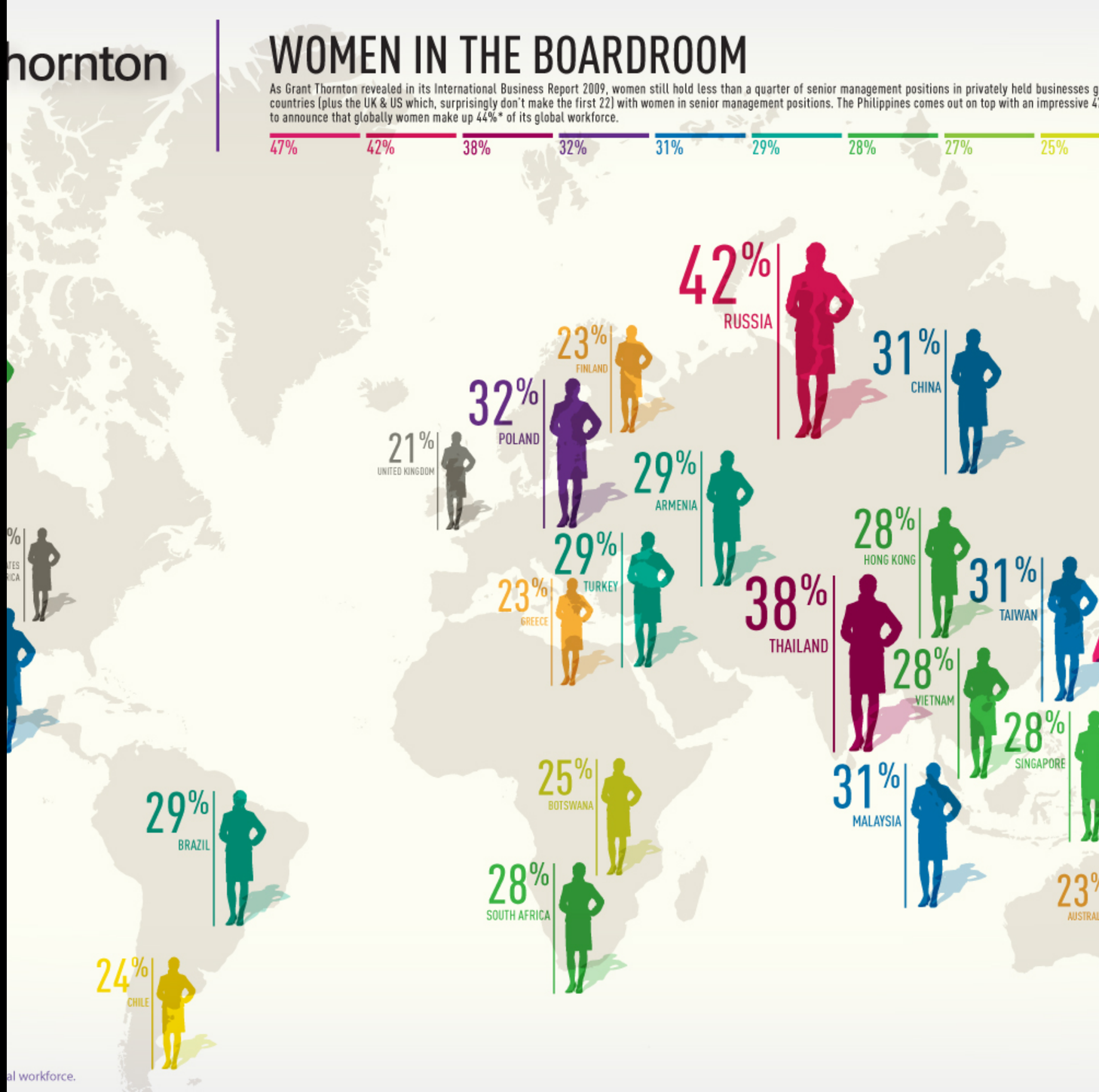
a) andmestiku selgitamine
b) protsessi selgitus
c) trendi esiletõstmine
d) väite toetamine



2. Kasutaja

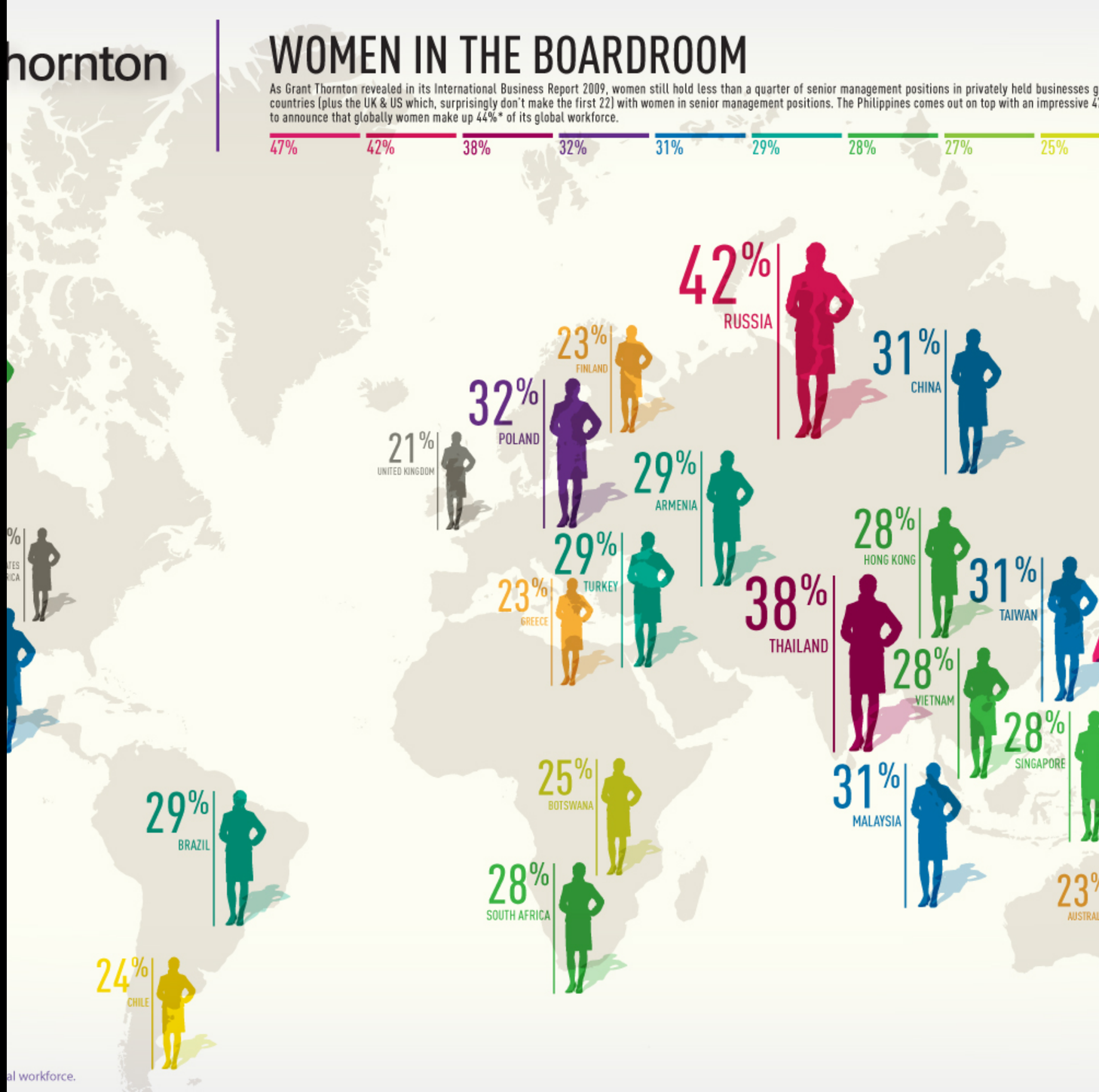
2. Kasutaja

Kes ta on?



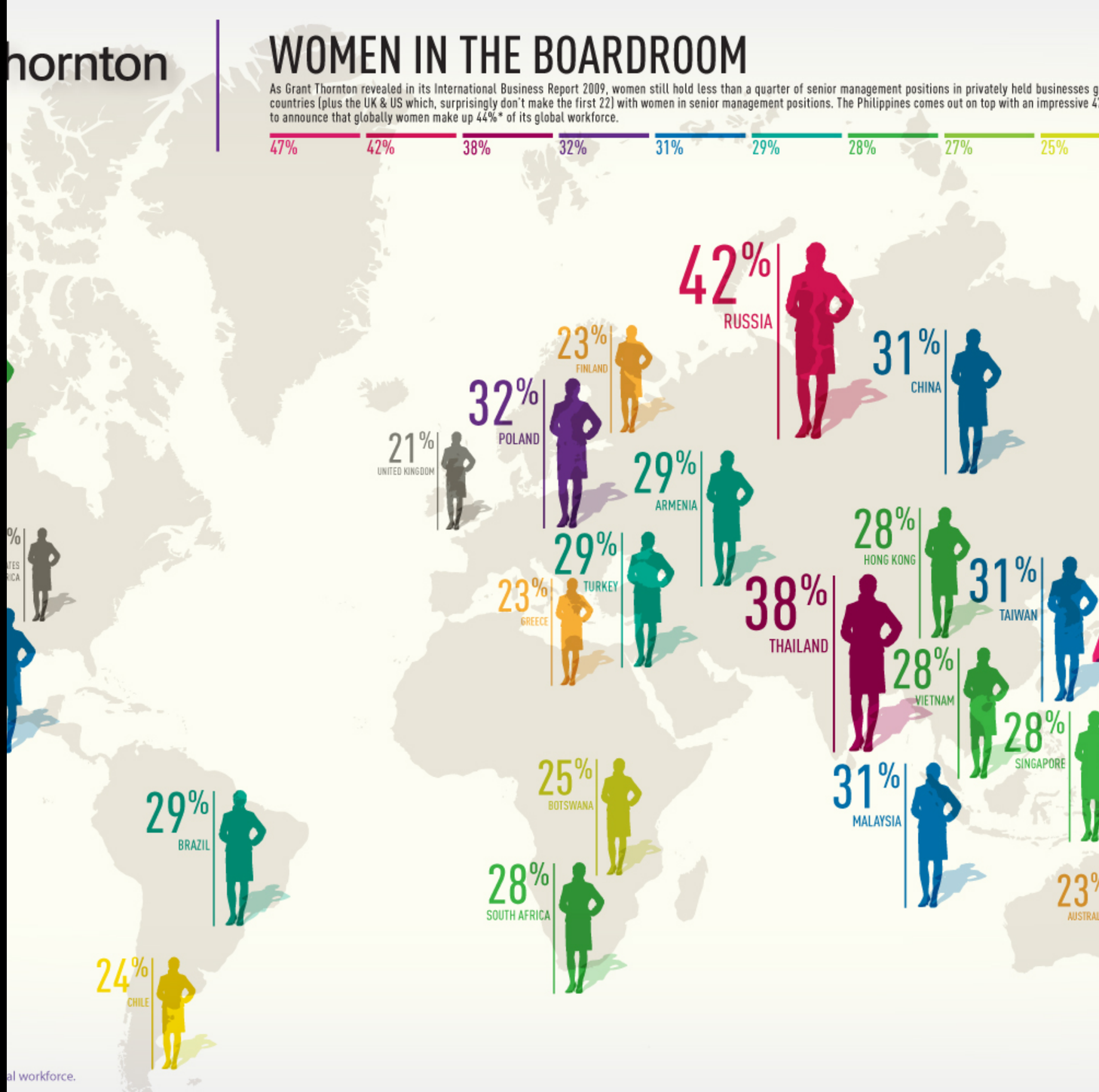
2. Kasutaja

Mida ta teab?



2. Kasutaja

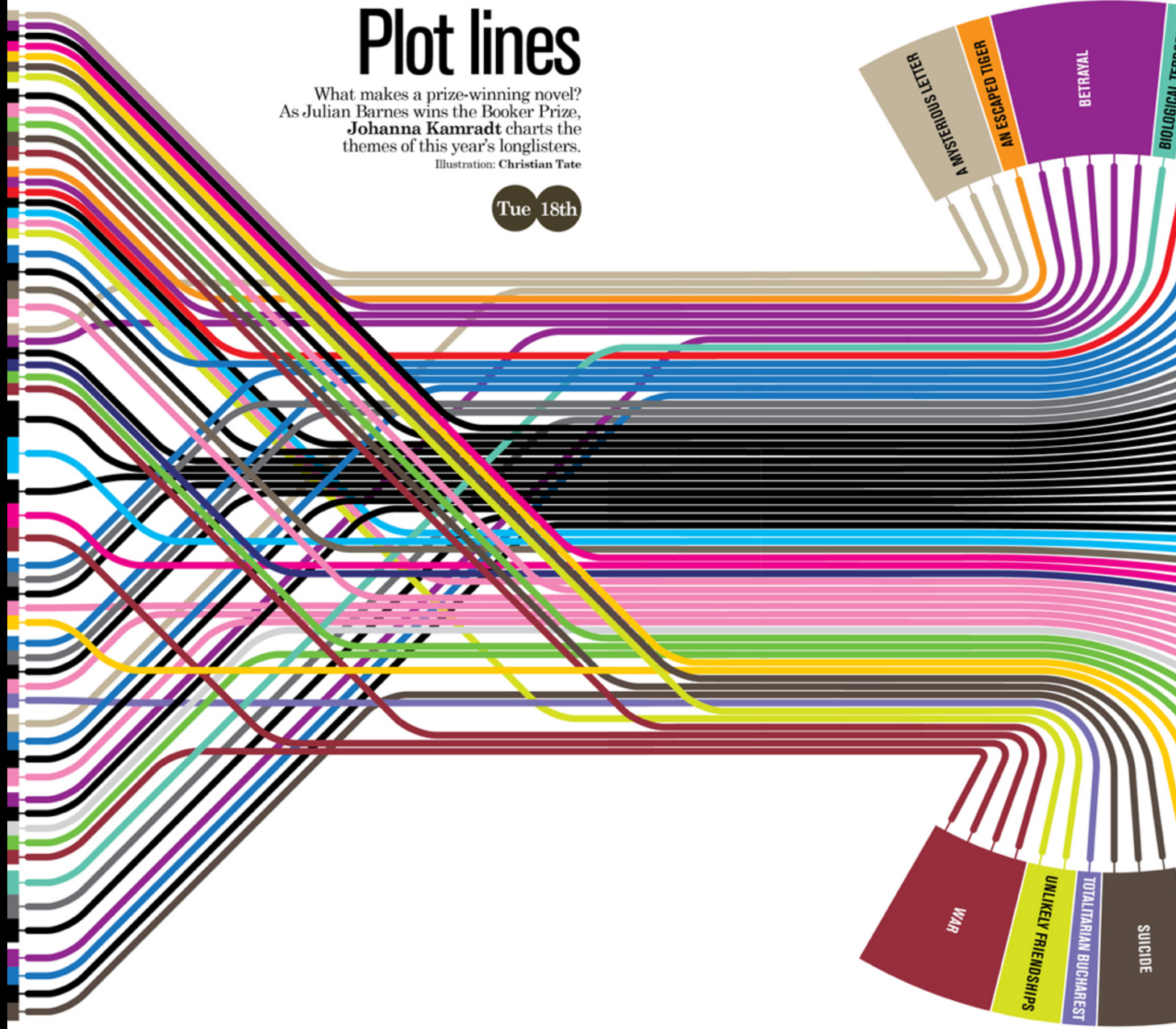
Mida ta vajab?



3. Sisu valik

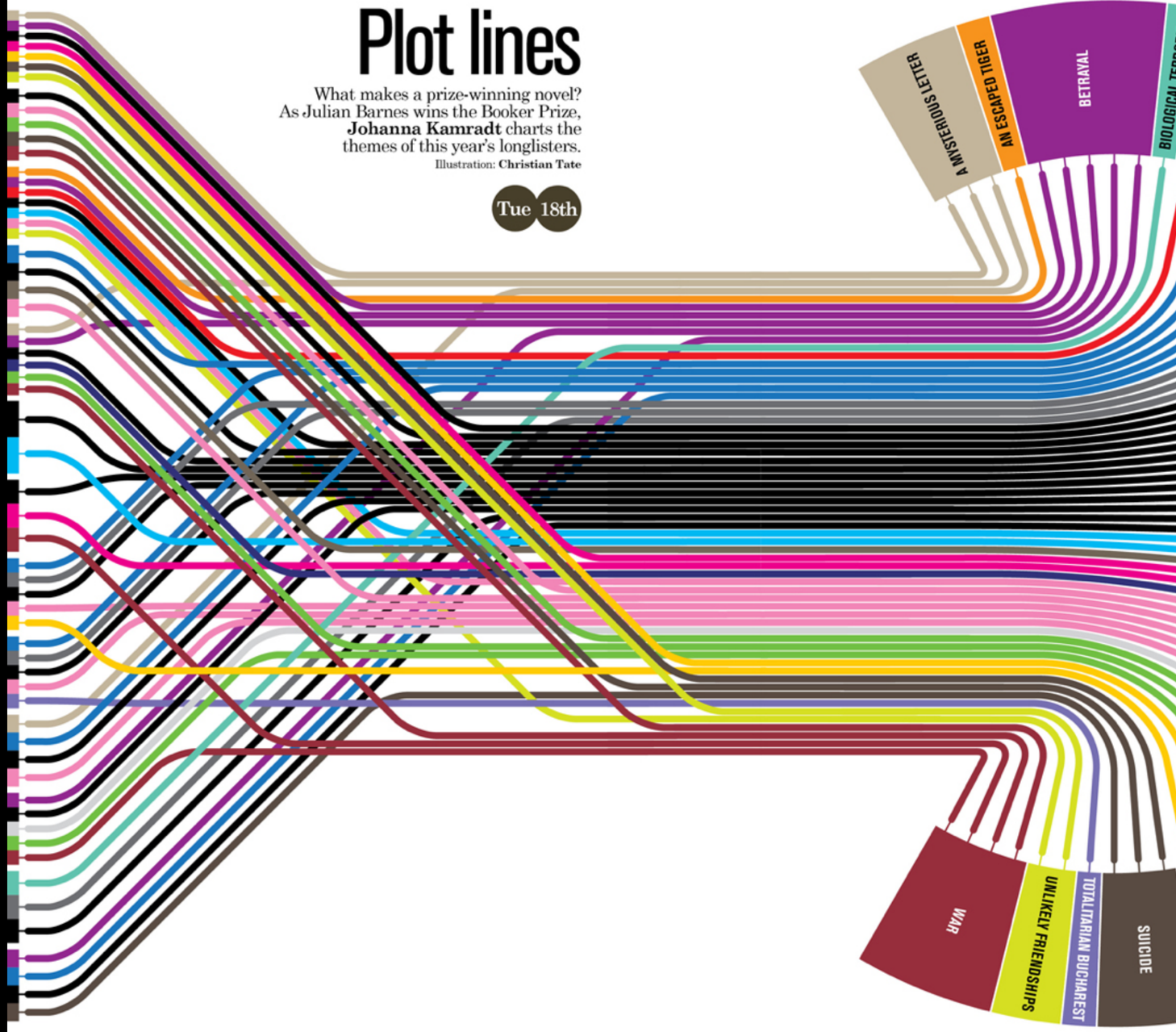
3. Sisu valik

Inventuur: ebavajalik välja



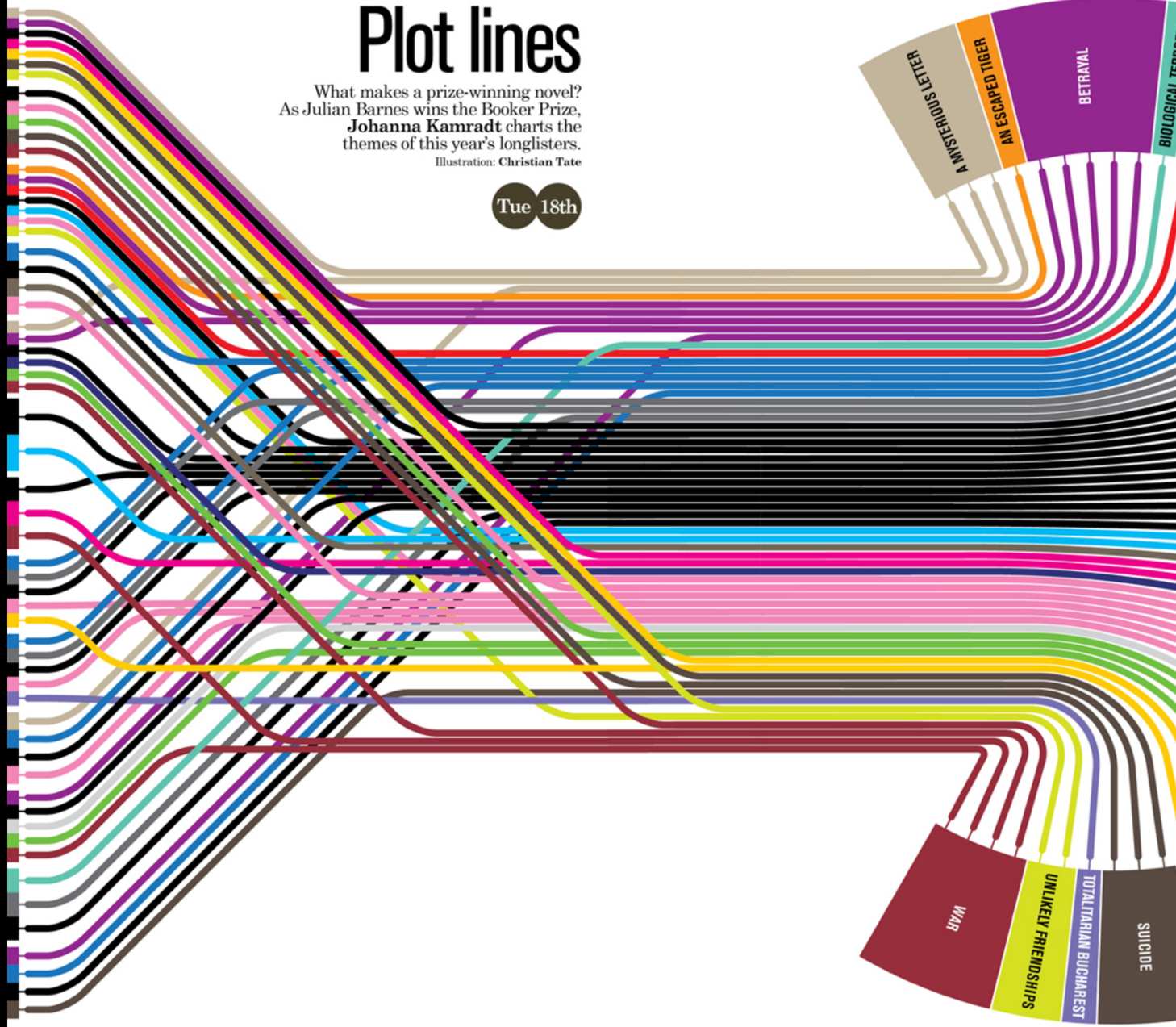
3. Sisu valik

Inventuur: taustainfot juurde



3. Sisu valik

Sobib looga?

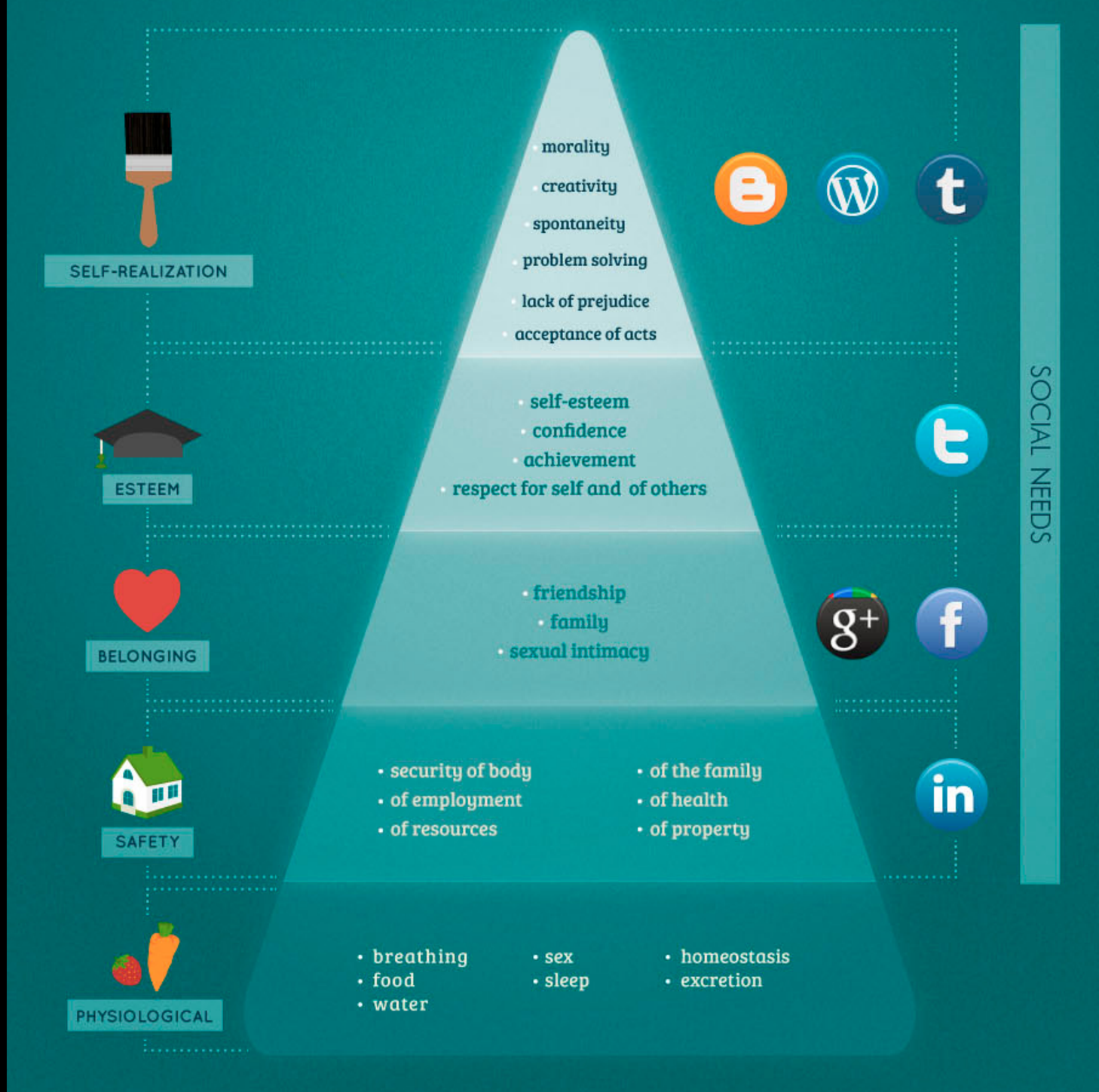


4. Visuaali struktureerimine

4. Visuaali struktureerimine

Milline andmestik?

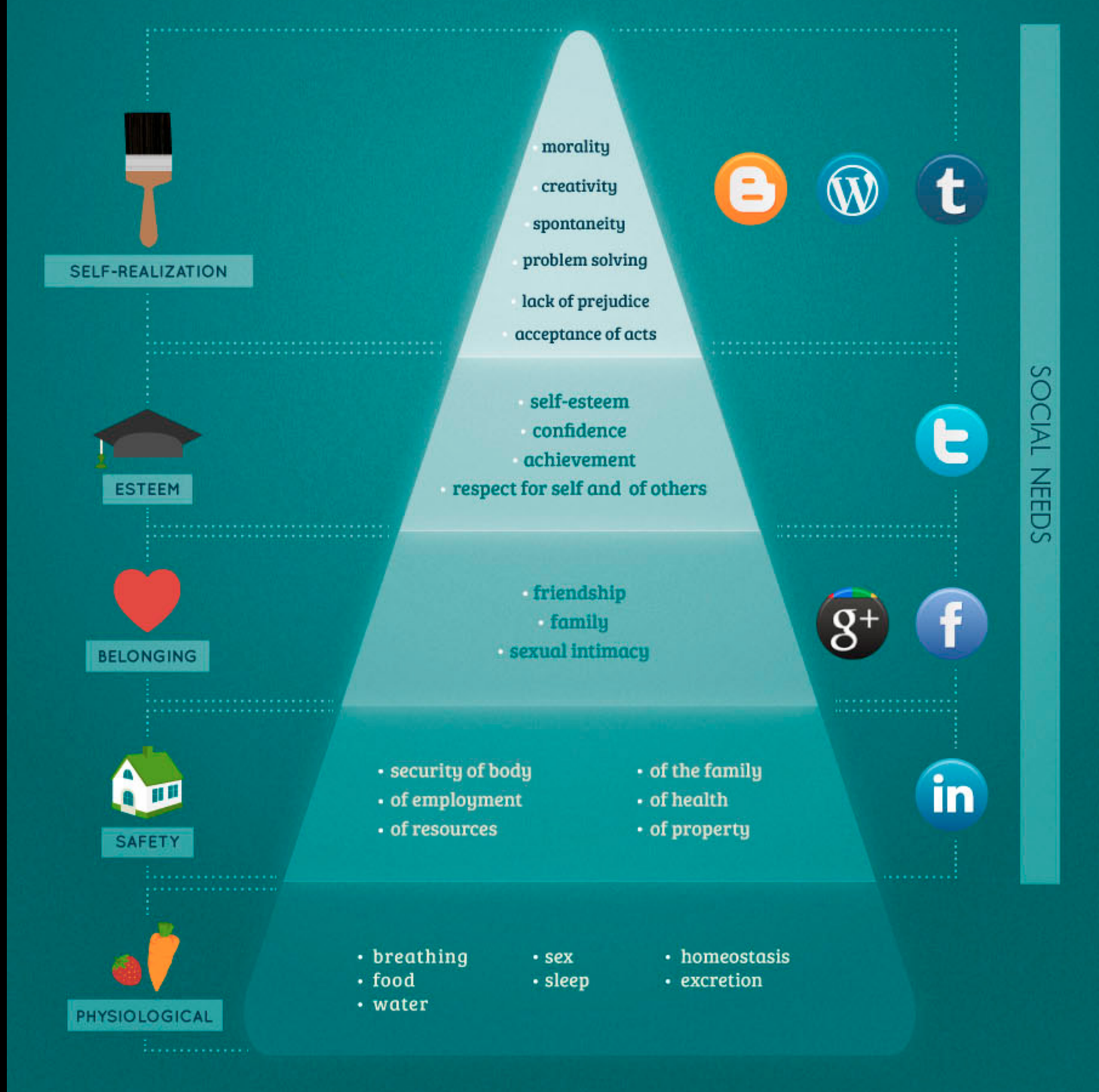
ruumiline
kronoloogiline
kvantitatiivne



4. Visuaali struktureerimine

Millist suhet vaja kuvada?

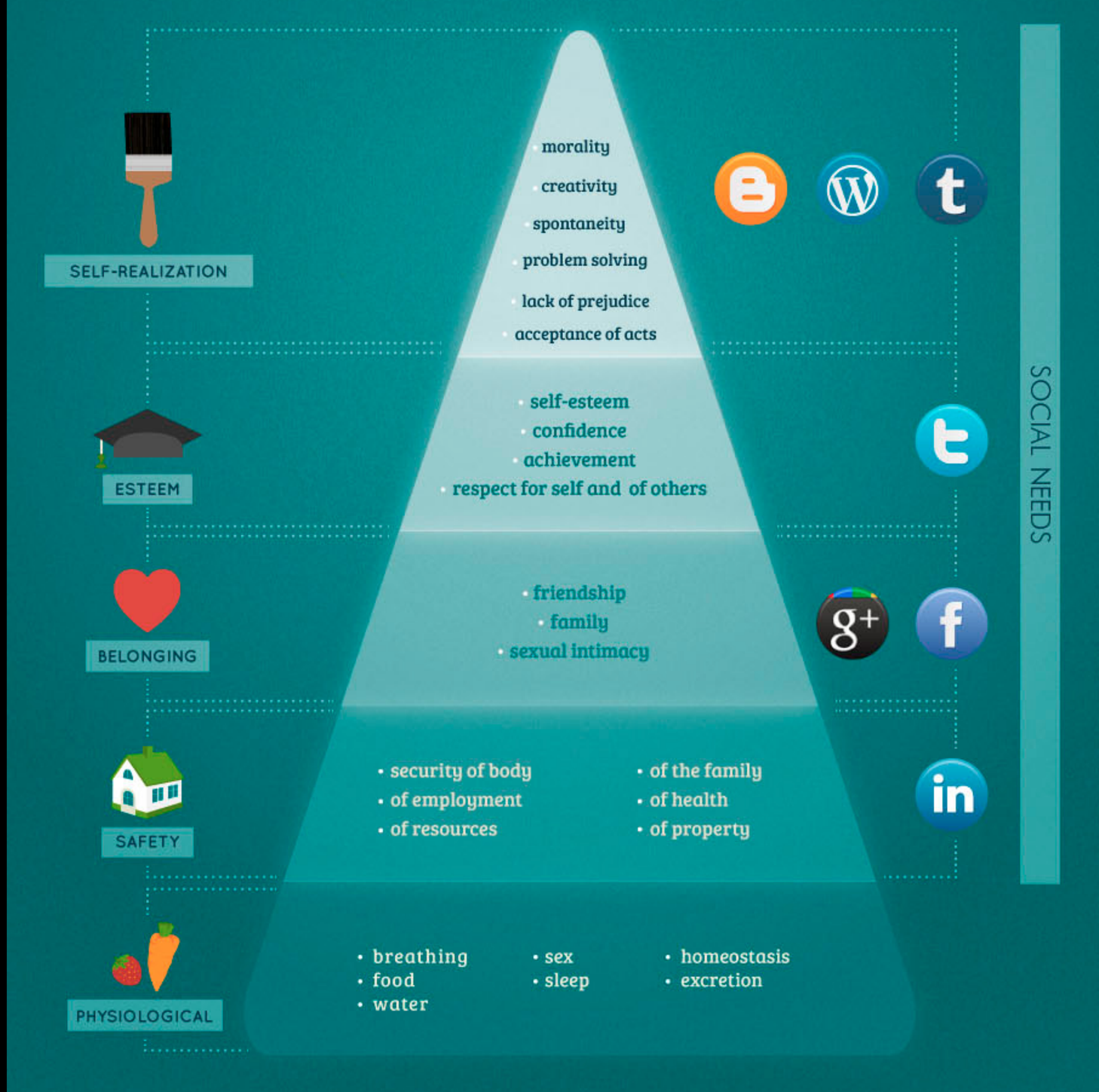
diagrammid
kaardid
graafikud



4. Visuaali struktureerimine

Organiseeri põhimõttekindlalt

hierarhia
loetavus
familiaarsus

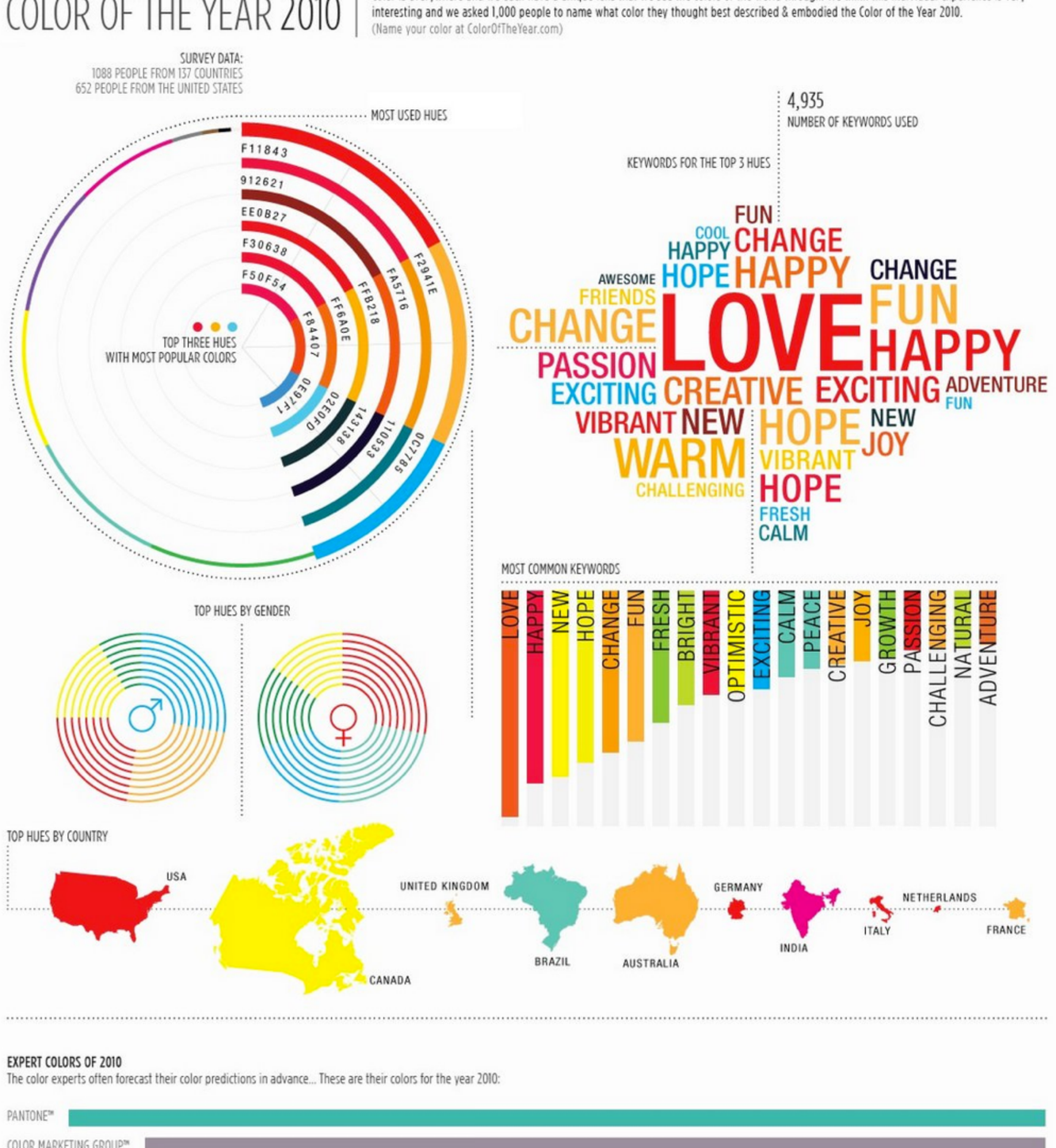


5. Visuaali loomine

5. Visuaali loomine

Esteetika

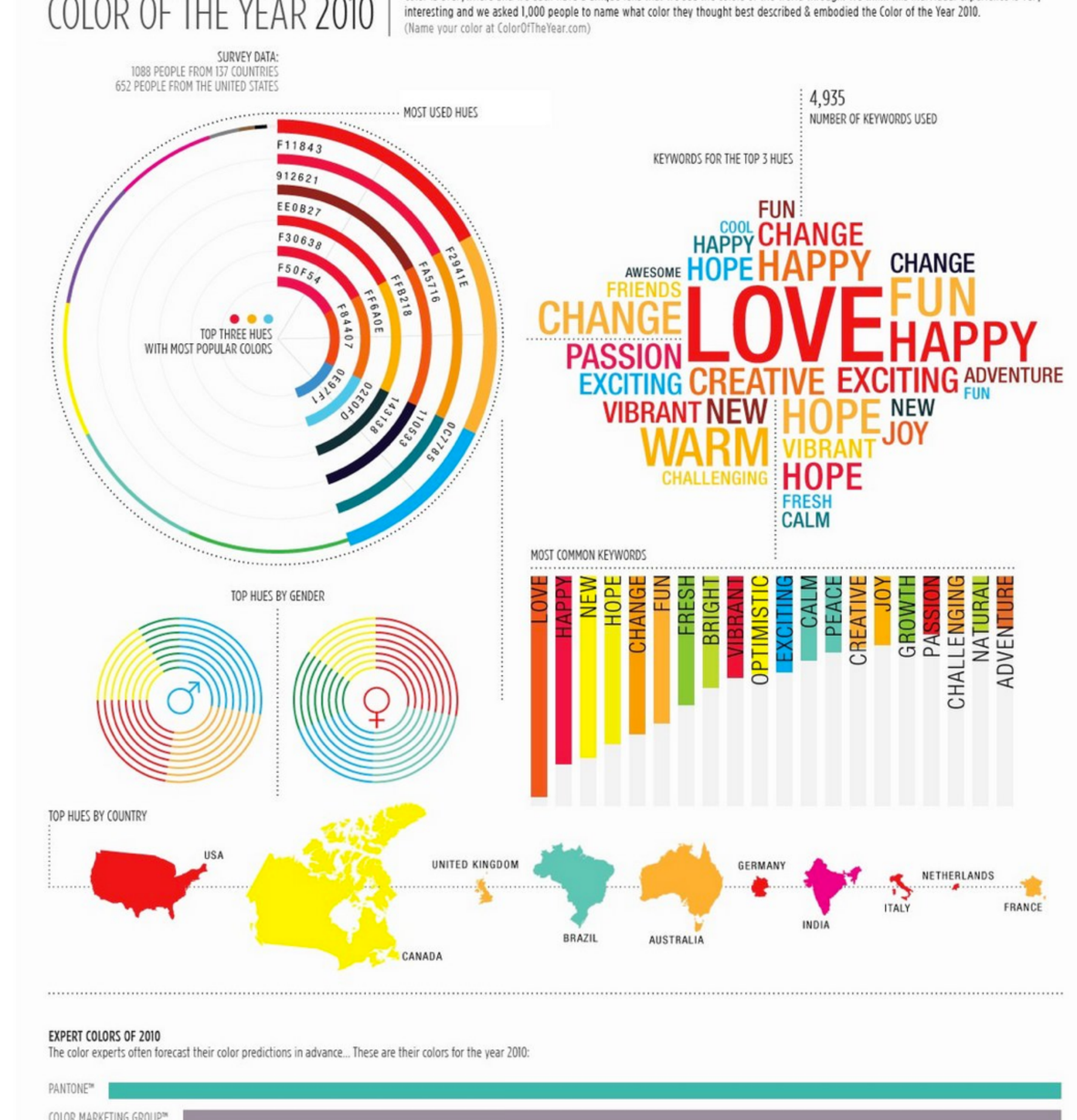
kompostitsioon ja grid
värv ja kontrast
tüpograafia



5. Visuaali loomine

Õppimistiilid

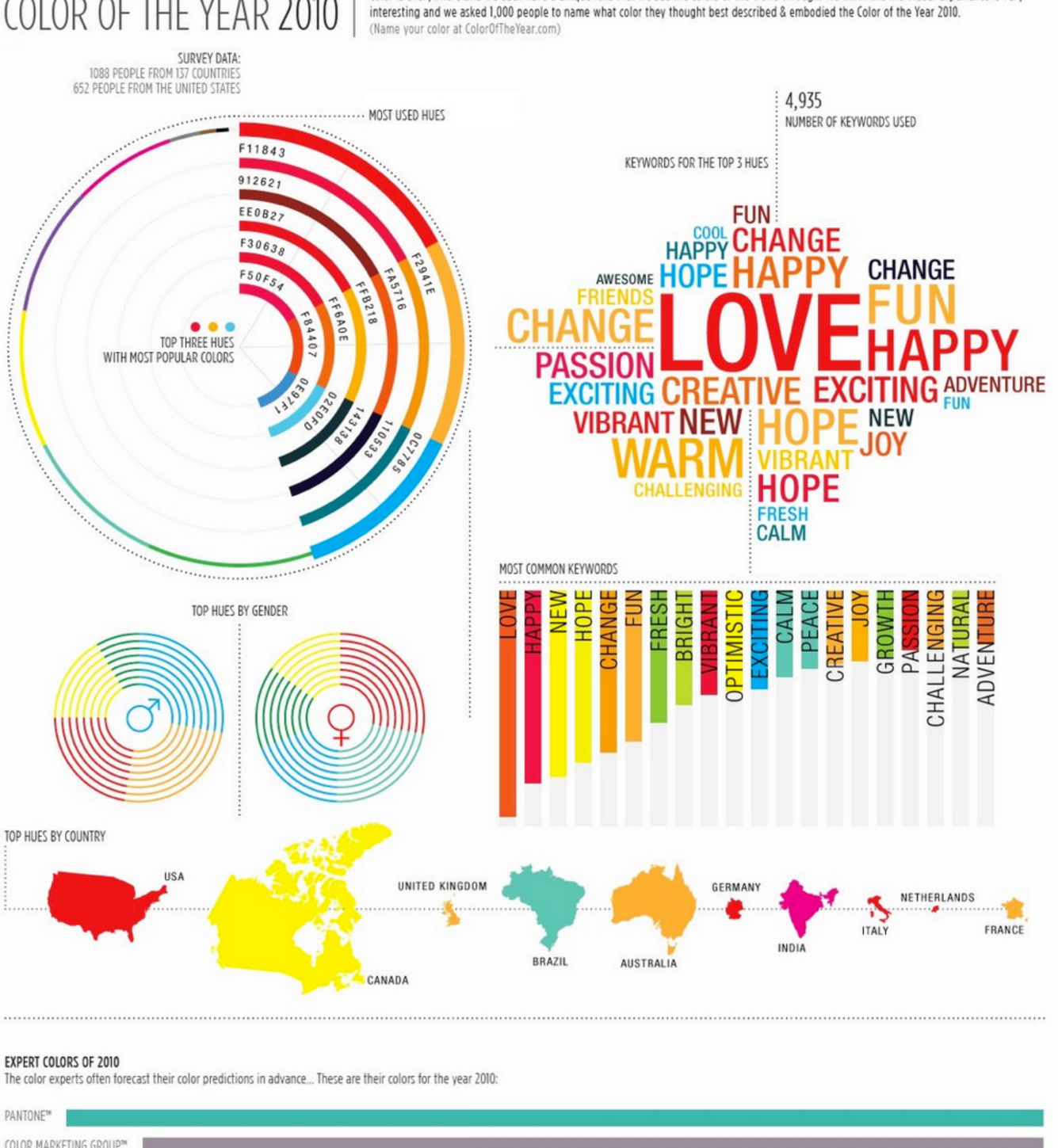
visuaalne
auditoorne
kinesteetiline



5. Visuaali loomine

Vormistus

staatiline
liikuv
interaktiivne

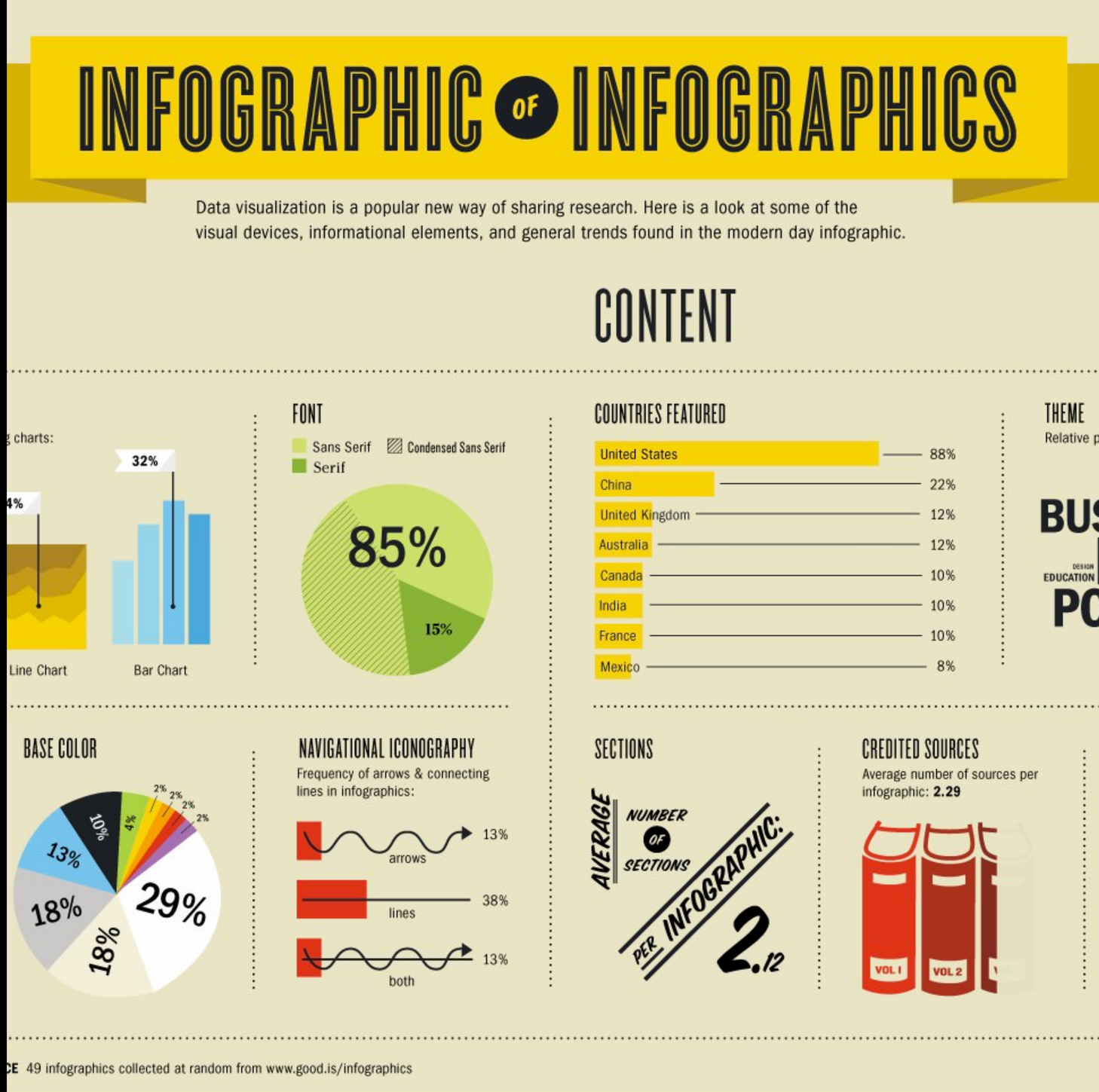


6. Tööriistad

6. Tööriistad

Keynote, Powerpoint

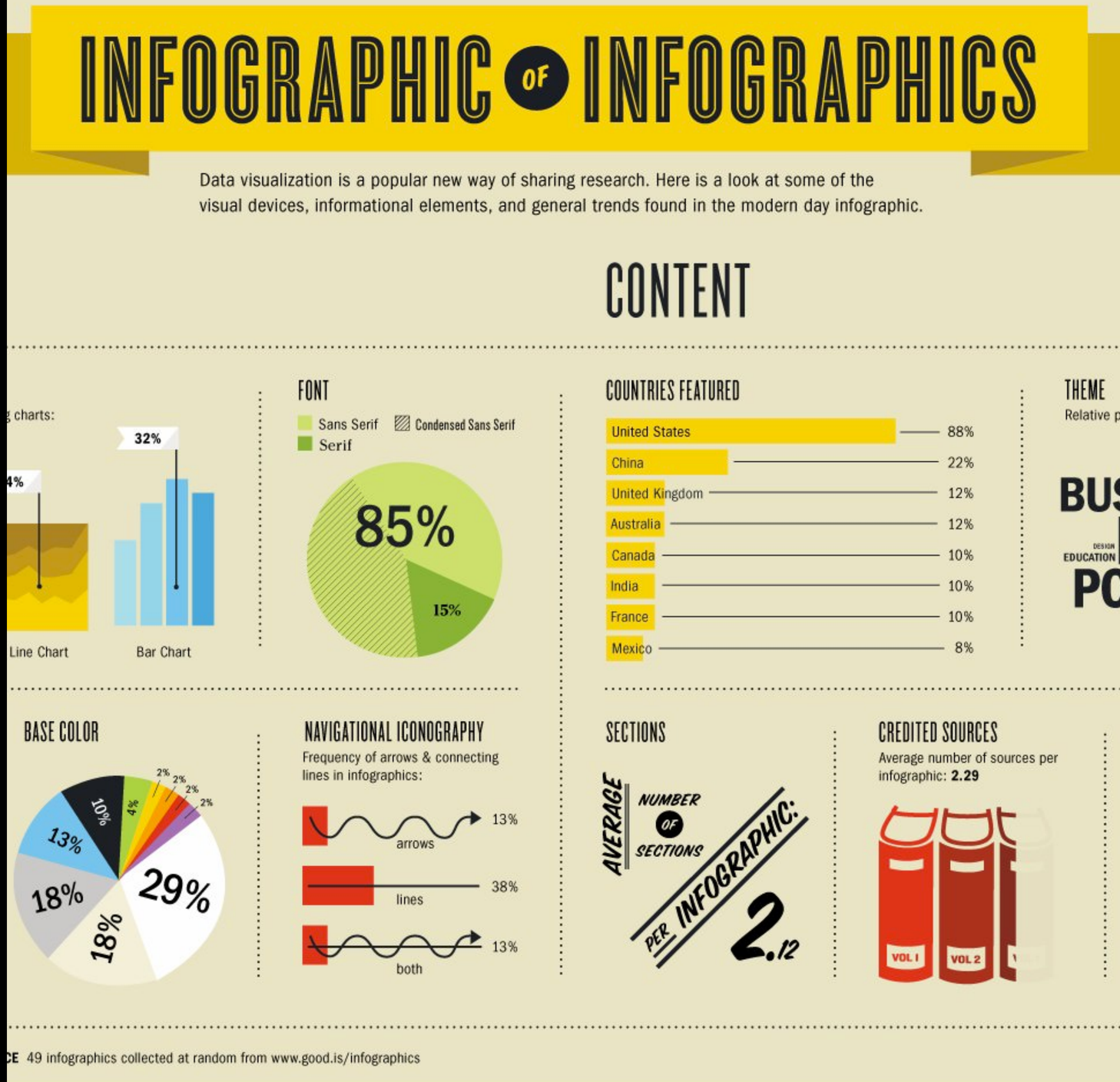
Infograafika joonistamine



6. Tööriistad

https://developers.google.com/chart/

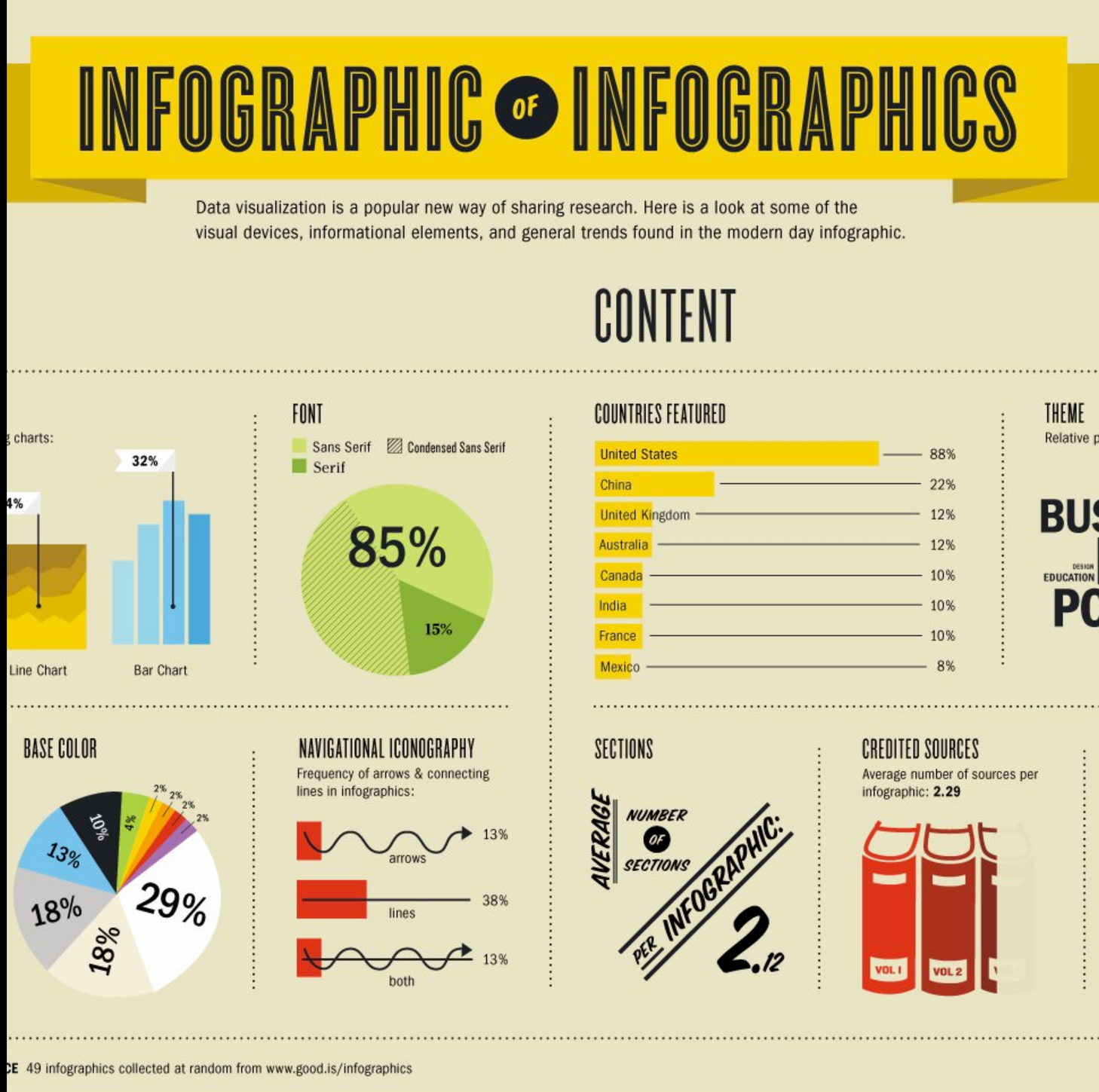
Andmete visualiseerimine



6. Tööriistad

https://infogr.am
https://venngage.com

Lihtsate graafikute loomine



mail@tanelkarp.ee