

Ambiente web

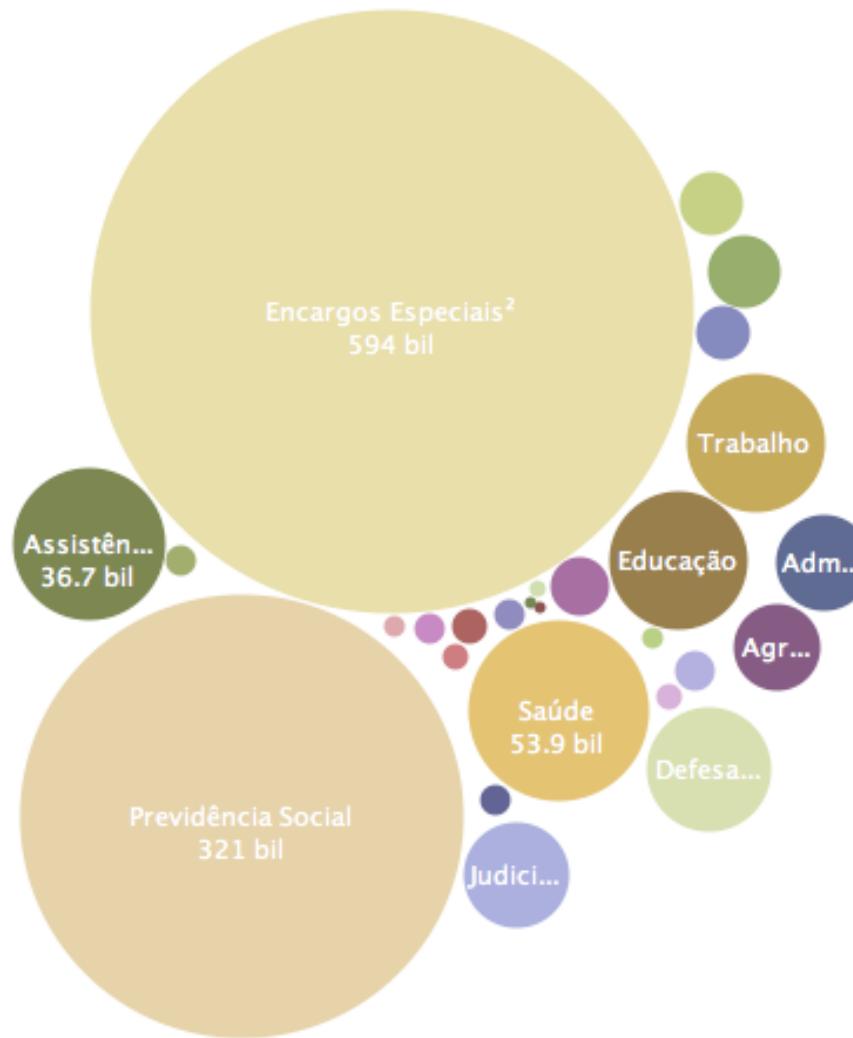
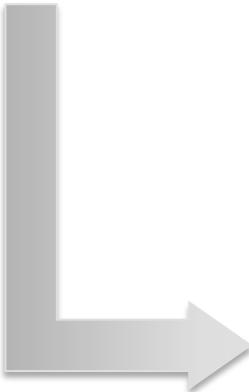
rodrigo medeiros
aula 02

o que danado é
VISUALIZAÇÃO DE INFORMAÇÃO?

Intelligence Users Aerospace & Defense Business Intelligence 154 Aerospace & Defense Composite Solutions 755 Aerospace & Defense Enterprise Performance Management 631 Aerospace & Defense Governance Risk and Compliance 755 Aerospace & Defense Integration and Data Management 454 Aerospace & Defense Mobile Solutions 264 Aerospace & Defense On-Demand Solutions 274 Aerospace & Defense Customer Relationship Management 869 Aerospace & Defense ERP 996 Aerospace & Defense Human Capital Management 524 Aerospace & Defense Manufacturing 460 Aerospace & Defense NetWeaver 691 Aerospace & Defense Product Lifecycle Management 513 Aerospace & Defense Service and Asset Management 667 Aerospace & Defense Supplier Relationship Management 762 Aerospace & Defense Supply Chain Management 526 Automotive Business Intelligence 220 Automotive Composite Solutions 610 Automotive Enterprise Performance Management 674 Automotive Governance, Risk and Compliance 358 Automotive Integration and Data Management 575 Automotive Mobile Solutions 147 Automotive On-Demand Solutions 63 Automotive Customer Relationship Management 563 Automotive ERP 250 Automotive Human Capital Management 649 Automotive Manufacturing 214 Automotive NetWeaver 497 Automotive Product Lifecycle Management 939 Automotive Service and Asset Management 324 Automotive Supplier Relationship Management 182 Automotive Supply Chain Management 107 Banking Business Intelligence 443 Banking Composite Solutions 354 Banking Enterprise Performance Management 333 Banking Governance, Risk and Compliance 113 Banking Integration and Data Management 251 Banking Mobile Solutions 208 Banking On-Demand Solutions 914 Banking Customer Relationship Management 974 Banking ERP 24 Banking Human Capital Management 731 Banking Manufacturing 250 Banking NetWeaver 567 Banking Product Lifecycle Management 177 Banking Service and Asset Management 13 Banking Supplier Relationship Management 972 Banking Supply Chain Management 97 Building Materials Business Intelligence 334 Building Materials Composite Solutions 137 Building Materials Enterprise Performance Management 276 Building Materials Governance, Risk and Compliance 456 Building Materials Integration and Data Management 122 Building Materials Mobile Solutions 245 Building Materials On-Demand Solutions 6 Building Materials Customer Relationship Management 400 Building Materials ERP 305 Building Materials Human Capital Management 821 Building Materials Manufacturing 474 Building Materials NetWeaver 110 Building Materials Product Lifecycle Management 604 Building Materials Service and Asset Management 664 Building Materials Supplier Relationship Management 857 Building Materials Supply Chain Management 234 Chemicals Business Intelligence 90 Chemicals Composite Solutions 971 Chemicals Enterprise Performance Management 76 Chemicals Governance, Risk and Compliance 201 Chemicals Integration and Data Management 773 Chemicals Mobile Solutions 486 Chemicals On-Demand Solutions 312 Chemicals Customer Relationship Management 670 Chemicals ERP 714 Chemicals Human Capital Management 131 Chemicals Manufacturing 396 Chemicals NetWeaver 326 Chemicals Product Lifecycle Management 669 Chemicals Service and Asset Management 487 Chemicals Supplier Relationship Management 24 Chemicals Supply Chain Management 673 Consumer Products Business Intelligence 161 Consumer Products Composite Solutions 931 Consumer Products Enterprise Performance Management 989 Consumer Products Governance, Risk and Compliance 456 Consumer Products Integration and Data Management 654 Consumer Products Mobile Solutions 405 Consumer Products On-Demand Solutions 319 Consumer Products Customer Relationship Management 95 Consumer Products ERP 148 Consumer Products Human Capital Management 624 Consumer Products Manufacturing 481 Consumer Products NetWeaver 159 Consumer Products Product Lifecycle Management 163 Consumer Products Service and Asset Management 979 Consumer Products Supplier Relationship Management 792 Consumer Products Supply Chain Management 617 Engineering, Construction & Operations Business Intelligence 865 Engineering, Construction & Operations Composite Solutions 285 Engineering, Construction & Operations Enterprise Performance Management 61 Engineering, Construction & Operations Governance, Risk and Compliance 761 Engineering, Construction & Operations Integration and Data Management 273 Engineering, Construction & Operations Mobile Solutions 34 Engineering, Construction & Operations On-Demand Solutions 66 Engineering, Construction & Operations Customer Relationship Management 567 Engineering, Construction & Operations ERP 879 Engineering, Construction & Operations Human Capital Management 57 Engineering, Construction & Operations Manufacturing 772 Engineering, Construction & Operations NetWeaver 346 Engineering, Construction & Operations Product Lifecycle Management 208 Engineering, Construction & Operations Service and Asset Management 749 Engineering, Construction & Operations Supplier Relationship Management 636 Engineering, Construction & Operations Supply Chain Management 140 Fabricated Metal Products Business Intelligence 742 Fabricated Metal Products Composite Solutions 867 Fabricated Metal Products Enterprise Performance Management 411 Fabricated Metal Products Governance, Risk and Compliance 738 Fabricated Metal Products Integration and Data Management 633 Fabricated Metal Products Mobile Solutions 274 Fabricated Metal Products On-Demand Solutions 213 Fabricated Metal Products Customer Relationship Management 382 Fabricated Metal Products ERP 478 Fabricated Metal Products Human Capital Management 422 Fabricated Metal Products Manufacturing 406 Fabricated Metal Products NetWeaver 29 Fabricated Metal Products Product Lifecycle Management 88 Fabricated Metal Products Service and Asset Management 194 Fabricated Metal Products Supplier Relationship Management 383 Fabricated Metal Products Supply Chain Management 74 Forest Products, Furniture & Textile Business Intelligence 461 Forest Products, Furniture & Textile Composite Solutions 973 Forest Products, Furniture & Textile Enterprise Performance Management 292 Forest Products, Furniture & Textile Governance, Risk and Compliance 906 Forest Products, Furniture & Textile Integration and Data Management 246 Forest Products, Furniture & Textile Mobile Solutions 259 Forest Products, Furniture & Textile On-Demand Solutions 149 Forest Products, Furniture & Textile Customer Relationship Management 593 Forest Products, Furniture & Textile ERP 985 Forest Products, Furniture & Textile Human Capital Management 425 Forest Products, Furniture & Textile Manufacturing 326 Forest Products, Furniture & Textile NetWeaver 719 Forest Products, Furniture & Textile Product Lifecycle Management 937 Forest Products, Furniture & Textile Service and Asset Management 319 Forest Products, Furniture & Textile Supplier Relationship Management 444 Forest Products, Furniture & Textile Supply Chain Management 690 Healthcare Business Intelligence 219 Healthcare Composite Solutions 169 Healthcare Enterprise Performance Management 955 Healthcare Governance, Risk and Compliance 833 Healthcare Integration and Data Management 270 Healthcare Mobile Solutions 248 Healthcare On-Demand Solutions 84 Healthcare Customer Relationship Management 973 Healthcare ERP 718 Healthcare Human Capital Management 189 Healthcare Manufacturing 857 Healthcare NetWeaver 581 Healthcare Product Lifecycle Management 493 Healthcare Service and Asset Management 676 Healthcare Supplier Relationship Management 46 Healthcare Supply Chain Management 135 High Tech & Electronic Business Intelligence 603 High Tech & Electronic Composite Solutions 618 High Tech & Electronic Enterprise Performance Management 125 High Tech & Electronic Governance, Risk and Compliance 79 High Tech & Electronic Integration and Data Management 393 High Tech & Electronic Mobile Solutions 534 High Tech & Electronic On-Demand Solutions 18 High Tech & Electronic Customer Relationship Management 137 High Tech & Electronic ERP 121 High Tech & Electronic Human Capital Management 835 High Tech & Electronic Manufacturing 937 High Tech & Electronic NetWeaver 232 High Tech & Electronic Product Lifecycle Management 702 High Tech & Electronic Service and Asset Management 827 High Tech & Electronic Supplier Relationship Management 114 High Tech & Electronic Supply Chain Management 200 Higher Education & Research Business Intelligence 600 Higher Education & Research Composite Solutions 924 Higher Education & Research Enterprise Performance Management 348 Higher Education & Research Governance, Risk and Compliance 241 Higher Education & Research Integration and Data Management 347 Higher Education & Research Mobile Solutions 153 Higher Education & Research On-Demand Solutions 374 Higher Education & Research Customer Relationship Management 471 Higher Education & Research Human Capital Management 917 Higher Education & Research Manufacturing 679 Higher Education & Research NetWeaver 193 Higher Education & Research Product Lifecycle Management 71 Higher Education & Research Service and Asset Management 227 Higher Education & Research Supplier Relationship Management 939 Higher Education & Research Supply Chain Management 936 Industrial Machinery & Components Business Intelligence 749 Industrial Machinery & Components Composite Solutions 7 Industrial Machinery & Components Enterprise Performance Management 185 Industrial Machinery & Components Governance, Risk and Compliance 615 Industrial Machinery & Components Integration and Data Management 855 Industrial Machinery & Components Mobile Solutions 839 Industrial Machinery & Components On-Demand Solutions 716 Industrial Machinery & Components Customer Relationship Management 193 Industrial Machinery & Components ERP 744 Industrial Machinery & Components Human Capital Management 976 Industrial Machinery & Components Manufacturing 471 Industrial Machinery & Components NetWeaver 665 Industrial Machinery & Components Product Lifecycle Management 443 Industrial Machinery & Components Service and Asset Management 643 Industrial Machinery & Components Supplier Relationship Management 498 Industrial Machinery & Components Supply Chain Management 610 Insurance Business Intelligence 452 Insurance Composite Solutions 862 Insurance Enterprise Performance Management 646 Insurance Governance, Risk and Compliance 720 Insurance Integration and Data Management 487 Insurance Mobile Solutions 355 Insurance On-Demand Solutions 803 Insurance Customer Relationship Management 801 Insurance ERP 199 Insurance Human Capital Management 814 Insurance Manufacturing 346 Insurance NetWeaver 30 Insurance Product Lifecycle Management 230 Insurance Service and Asset Management 340 Insurance Supplier Relationship Management 210 Insurance Supply Chain Management 928 Lifescience Business Intelligence 166 Lifescience Composite Solutions 123 Lifescience Enterprise Performance Management 557 Lifescience Governance, Risk and Compliance 277 Lifescience Integration and Data Management 265 Lifescience Mobile Solutions 252 Lifescience On-Demand Solutions 50 Lifescience Customer Relationship Management 282 Lifescience ERP 193 Lifescience Human Capital Management 44 Lifescience Manufacturing 765 Lifescience NetWeaver 888 Lifescience Product Lifecycle Management 802 Lifescience Service and Asset Management 94 Lifescience Supplier Relationship Management 372 Lifescience Supply Chain Management 461 Logistics & Postal Services Business Intelligence 372 Logistics & Postal Services Composite Solutions 582 Logistics & Postal Services Enterprise Performance Management 232 Logistics & Postal Services Governance, Risk and Compliance 879 Logistics & Postal Services Integration and Data Management 850 Logistics & Postal Services Mobile Solutions 518 Logistics & Postal Services On-Demand Solutions 394 Logistics & Postal Services Customer Relationship Management 712 Logistics & Postal Services ERP 120 Logistics & Postal Services Human Capital Management 262 Logistics & Postal Services Manufacturing 193 Logistics & Postal Services NetWeaver 491 Logistics & Postal Services Product Lifecycle Management 80 Logistics & Postal Services Service and Asset Management 300 Logistics & Postal Services Supplier Relationship Management 158 Logistics & Postal Services Supply Chain Management 28 Media Business Intelligence 737 Media Composite Solutions 683 Media Enterprise Performance Management 633 Media Governance, Risk and Compliance 229 Media Integration and Data Management 288 Media Mobile Solutions 111 Media On-Demand Solutions 579 Media Customer Relationship Management 636 Media ERP 993 Media Human Capital Management 620 Media Manufacturing 364 Media NetWeaver 92 Media Product Lifecycle Management 197 Media Service and Asset Management 233 Media Supplier Relationship Management 409 Media Supply Chain Management 261 Oil & Gas Business Intelligence 789 Oil & Gas Composite Solutions 860 Oil & Gas Enterprise Performance Management 23 Oil & Gas Governance, Risk and Compliance 756 Oil & Gas Integration and Data Management 600 Oil & Gas Mobile Solutions 312 Oil & Gas On-Demand Solutions 152 Oil & Gas Customer Relationship Management 354 Oil & Gas ERP 896 Oil & Gas Human Capital Management 464 Oil & Gas Manufacturing 295 Oil & Gas NetWeaver 336 Oil & Gas Product Lifecycle Management 767 Oil & Gas Service and Asset Management 694 Oil & Gas Supplier Relationship Management 663 Oil & Gas Supply Chain Management 310 Passenger & Cargo Services Business Intelligence 104 Passenger & Cargo Services Composite Solutions 246 Passenger & Cargo Services Enterprise Performance Management 99 Passenger & Cargo Services Governance, Risk and Compliance 874 Passenger & Cargo Services Integration and Data Management 867 Passenger & Cargo Services Mobile Solutions 481 Passenger & Cargo Services On-Demand Solutions 94 Passenger & Cargo Services Customer Relationship Management 874 Passenger & Cargo Services ERP 391 Passenger & Cargo Services Human Capital Management 2 Passenger & Cargo Services Manufacturing 965 Passenger & Cargo Services NetWeaver 159 Passenger & Cargo Services Product Lifecycle Management 922 Passenger & Cargo Services Service and Asset Management 777 Passenger & Cargo Services Supplier Relationship Management 690 Passenger & Cargo Services Supply Chain Management 53 Professional Services Business Intelligence 289 Professional Services Composite Solutions 205 Professional Services Enterprise Performance Management 667 Professional Services Governance, Risk and Compliance 828 Professional Services Integration and Data Management 473 Professional Services Mobile Solutions 50 Professional Services On-Demand Solutions 375 Professional Services Customer Relationship Management 568 Professional Services ERP 761 Professional Services Human Capital Management 521

visualização de informação?

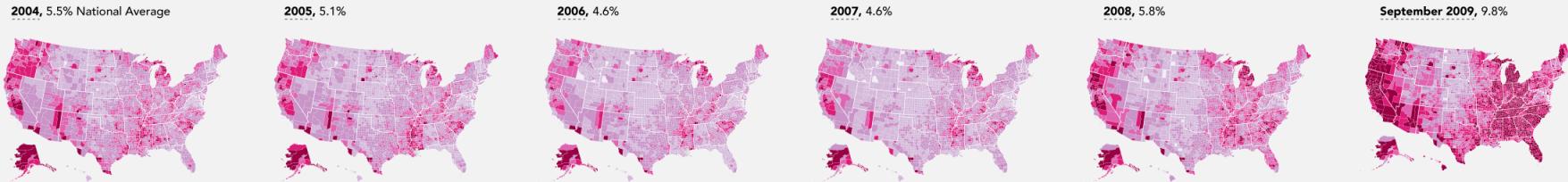
Área	Total em Setembro (R\$)	▼ Acumulado no Ano (R\$)	Detalhamento
TODAS	283.619.101,44	4.193.239.171,16	[Por Mês] [Por Ação]
Encargos Especiais	253.124.403,92	3.219.265.186,20	[Por Mês] [Por Ação]
Saúde	90.520,00	668.179.996,27	[Por Mês] [Por Ação]
Educação	17.070.808,26	80.794.847,83	[Por Mês] [Por Ação]
Saneamento	6.210.282,40	46.382.618,66	[Por Mês] [Por Ação]
Urbanismo	78.910,39	34.323.689,09	[Por Mês] [Por Ação]
Assistência Social	47.614,11	32.526.816,19	[Por Mês] [Por Ação]
Segurança Pública	1.825.748,30	29.889.881,27	[Por Mês] [Por Ação]
Gestão Ambiental	0,00	20.154.421,03	[Por Mês] [Por Ação]
...



Dado não é nada novo.

Dado é a representação da vida real. Existem histórias a serem contadas.

UNEMPLOYMENT, 2004 to present



Unemployment rose steadily from 2000 to 2004, peaking at 6.3% in June 2003. Rate decreased steadily over the next four years.

There is a small drop of 0.4 percentage points from 2004.

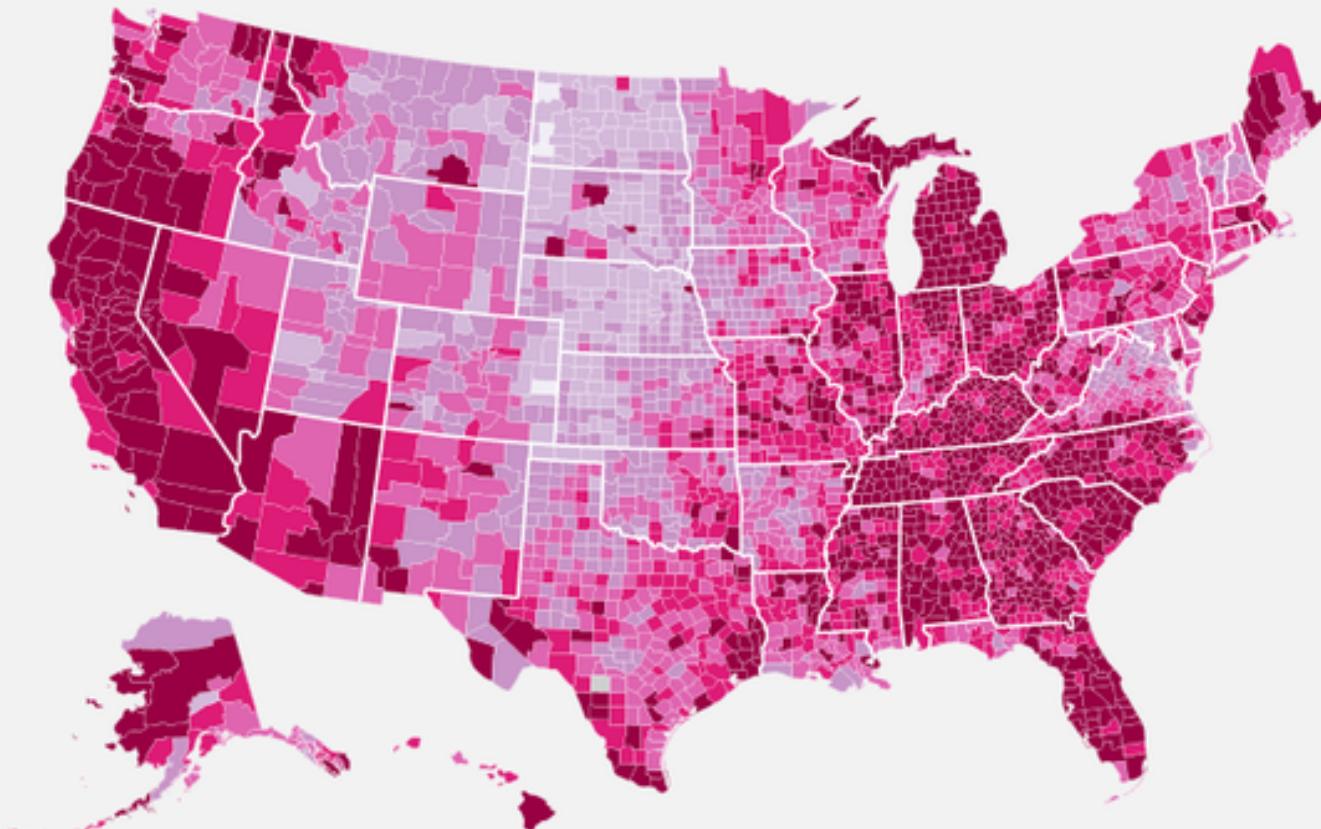
For the second straight year, unemployment rate drops, this time by just under 10%.

National unemployment rate stays the same as in 2003, but we start to see increases on the west coast and in Michigan.

In 2008, unemployment rises by over one percentage point with 8.9 million out of work.

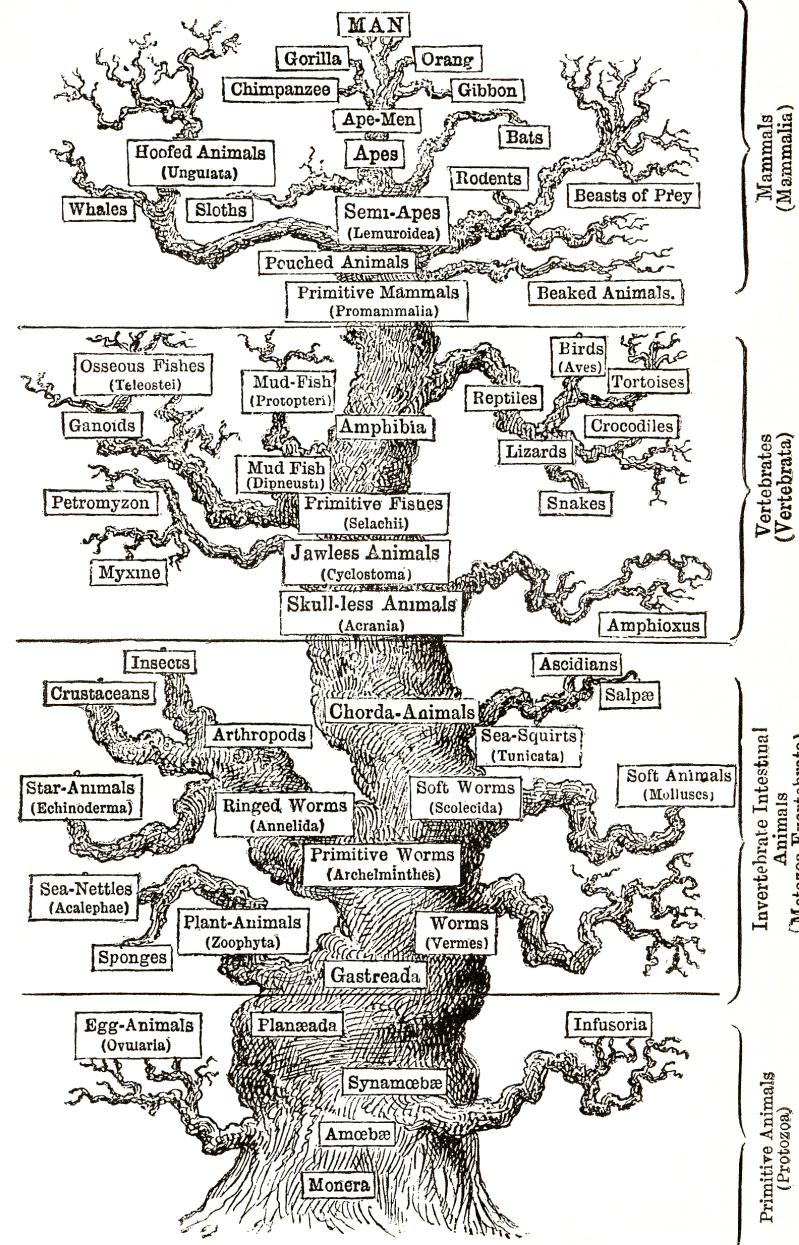
The national average rises to the highest it's been since June 1983, when it was 10.1%. Unemployment has increased every month since April 2008 with the exception of one month when it decreased 0.1%.

UNEMPLOYMENT RATE (%)
0 2 4 6 8 10+



Um pouco de história...

PEDIGREE OF MAN.



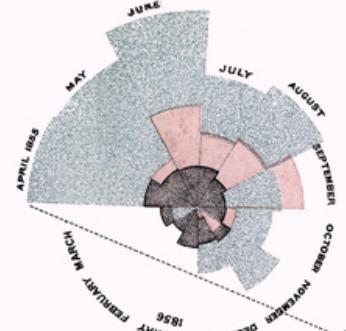
Genealogy of Henry II (973-1024), Nuremberg Chronicle, 1493

Ernst Haeckel, Pedigree of Man, 1879

DIAGRAM OF THE CAUSES OF MORTALITY

APRIL 1855 TO MARCH 1856.

IN THE ARMY IN THE EAST.



The areas of the blue, red, & black wedges are each measured from the centre as the common vertex.

The blue wedges measured from the centre of the circle represent area for area the deaths from Preventable or Mitigable Zymotic diseases; the red wedges measured from the centre the deaths from wounds, & the black wedges measured from the centre the deaths from all other causes. The black line across the red triangle in Nov? 1854 marks the boundary of the deaths from all other causes during the month.

In October 1854, & April 1855, the black area coincides with the red; in January & February 1855, the blue coincides with the black.

The entire areas may be compared by following the blue, the red & the black lines enclosing them.

APRIL 1854 TO MARCH 1855.

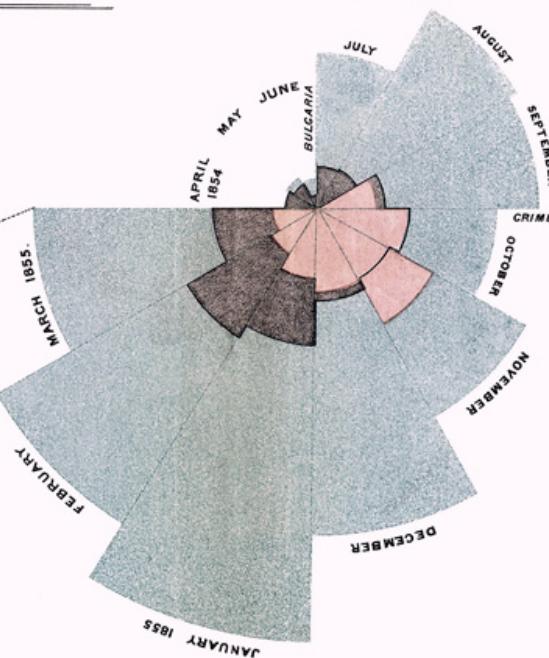


Diagrama de Nightingale de mortalidade dos pacientes nos hospitais de campos militares, 1858.

Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

Élevée par M. Minard, Inspecteur Général des Ponts et Chaussées et élaborée

Paris, le 20 Novembre 1869.

Les nombres d'hommes perdus sont représentés par les longueurs des lignes colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en lettres des lignes. Le rouge désigne les hommes qui naissent en Russie, le noir ceux qui meurent. — Les renouvellements qui surviennent à cause de la guerre ou de la guérison sont indiqués par des triangles pointant vers l'aval. La diminution de l'armée, qui suppose que les corps de l'Armée Napoléon et du Maréchal Davout, qui avaient été détruits sur la Niémen et à Malibor, se rejoignent avec l'armée, venant toujours marcher avec l'armée.

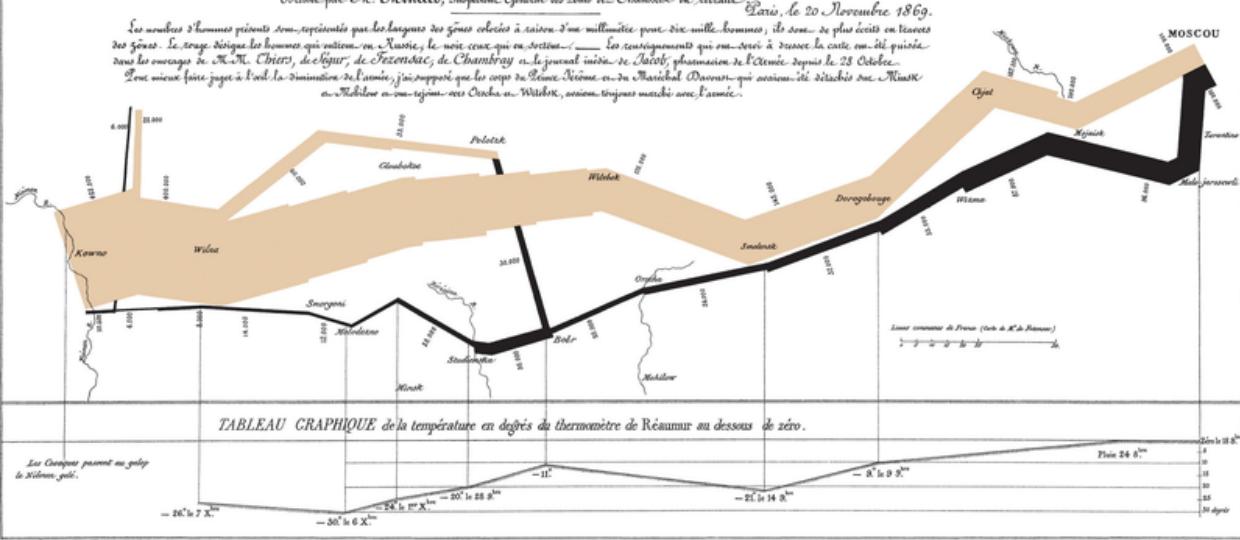


Gráfico de Minard da Marcha de Napoleão para Moscou, 1869. Fonte: <http://pt.wikipedia.org/wiki/Infografia>

E hoje?

"se as pessoas colocam dados na internet - dados do governo, dados científicos - seja qual for, ele será usado por outras pessoas para fazer coisas maravilhosas nas maneiras que eles nunca poderiam ter imaginado."

Tim Berners-Lee, na TED em 02/2010

Google

facebook

twitter

foursquare



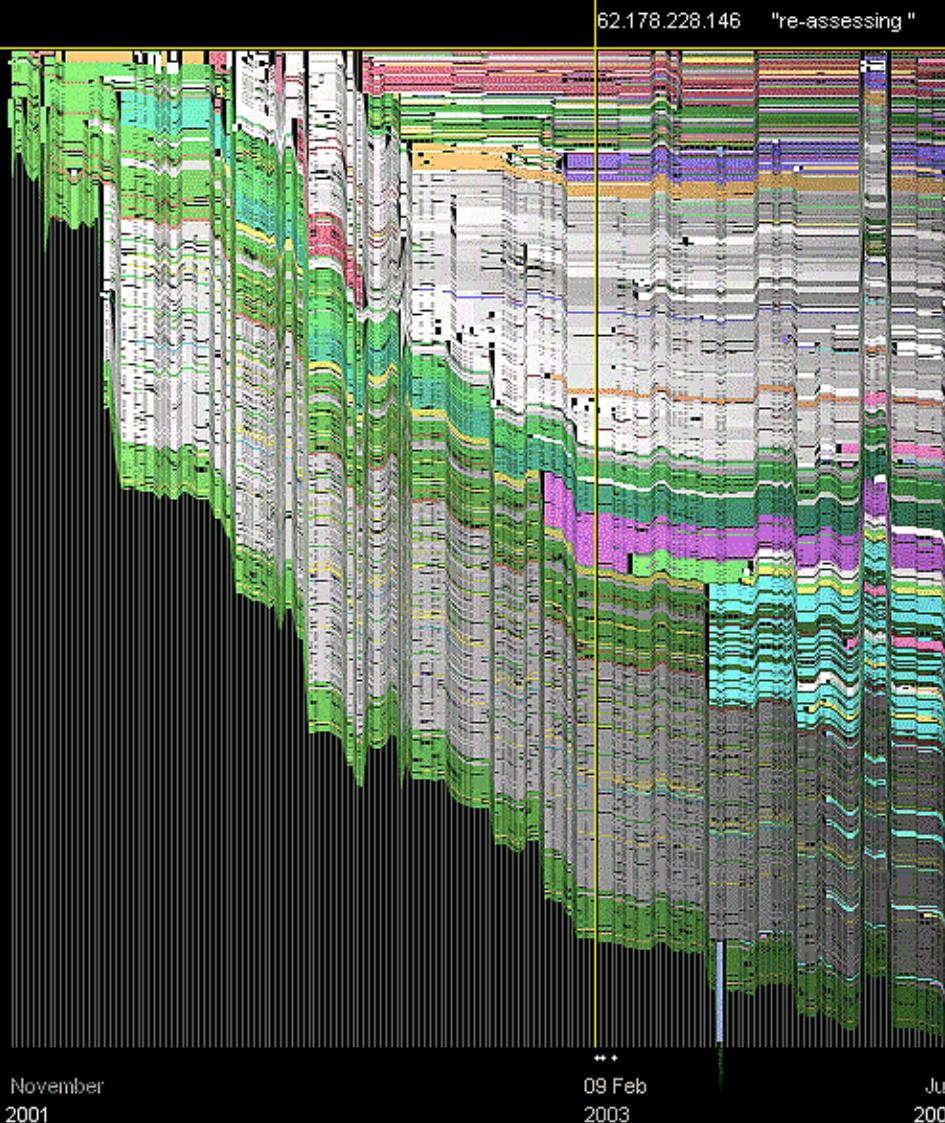
PORTAL DA TRANSPARÊNCIA
do Governo Federal

 DATA.GOV
EMPOWERING PEOPLE

O que se pode fazer com isso?

1. Aplicativos online

authors	posts
Jimbo Wales	1
Slrubenstein	22
Ed Poor	3
Conversion script	1
Larry_Sanger	1
Peter Winnberg	1
Zundark	2
Guppie	1
Taw	1
Roadrunner	1
0	1
Brion VIBBER	1
Tarquin	1
Valhalla	1
AxelBoldt	2
TUF-KAT	2
Enchanter	2
Tzartzam	1
Ellmist	1
Derek Ross	1
172	3
Vera Cruz	1
Sam Francis	2
Olivier	1
Docu	1
Liftarn	1
Susan Mason	5
Fubar Obfusco	1
Dietary Fiber	2
LittleDan	1
AdamRaizen	1
Mic	2
Dijnwd	1
JamesReyes	1
Zog	1
Astudent	1
Michael Hardy	3



Capitalism

(Revision as of 06:55, 9 Feb 2003)

Capitalism refers to

a combination of [economic](#) practices that became institutionalized in [Europe](#) between the [16th](#) and [19th](#) centuries, especially involving the formation and trade in ownership of [corporations](#) (see [corporate personhood](#) and [Companies](#)) for buying and selling goods, especially capital goods (including [land](#) and [labor](#)), in a relatively free (meaning, free from [state control](#)) [market](#) competing (and contentious) theories that developed in the 19th century, in the context of the [industrial revolution](#), and [20th century](#), in the context of the [Cold War](#), meant to justify the private ownership of [capital](#), to explain the operation of such markets, and to guide the application or elimination of [government regulation](#) of [property](#) and markets

and beliefs about the advantages of such practices. Capitalism evolved from the [European](#) economic practices which existed before it (see [Feudalism](#), [Imperialism](#), [Mercantilism](#)), and has continued to evolve. Capitalism is widely considered to be the dominant economic system in the world. Depending on how one defines "capitalism", there is continuing debate over the nature and scope of its global influence.

Table of contents showTocToggle("show","hide")

- [1 Capitalism as an economic system](#)
- [2 Characteristics of Capitalist Economies](#)
- [3 Criticisms of Capitalism](#)
- [4 Capitalism and Imperialism](#)
- [5 Capitalism as an ideology](#)
- [5.1 Capitalism and political ideologies](#)
- [6 Arguments for and against capitalism](#)
- [7 Why does no one agree what capitalism is?](#)
- [8 In whose interest is capitalism ?](#)
- [9 What is capitalism good for?](#)
- [10 See also](#)

History Flow (2003), Fernanda Viégas e Martin Wattenberg

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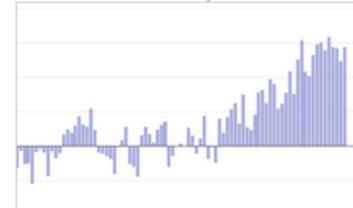
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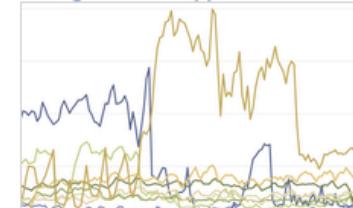
Top 10

by EmersonM

Global Surface Temperature

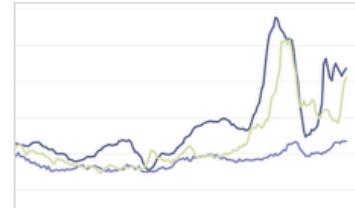
1880-2009 - comparison to global mean.

by cliffsnellgrove

Dating Services App Rank

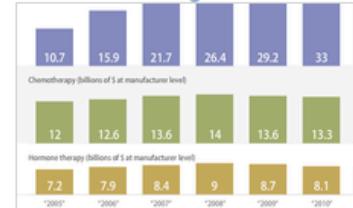
Apr 2011 to Sept 2011

by kshonbeck

Meat, Dairy and Cereal Price Indices

1990-2010

by Anonymous

World Cancer Drug Market

By Product Type, 2005-2010

by Elsevier Global Medical News

Steve Jobs Stanford Commencement Address

Selection from his address.

by nrcamp

trânsito agora

CET

16h28m

76 km ou 8,7 % dos
868 km monitorados no
momento apresentam
lentidão.

TENDÊNCIA



CET
Companhia de
Engenharia de Tráfego

São Paulo, SP, Brasil
www.cetsp.com.br



Norte

LENTIDÃO: 7 km (9%)

Leste

LENTIDÃO: 8 km (10%)

Centro

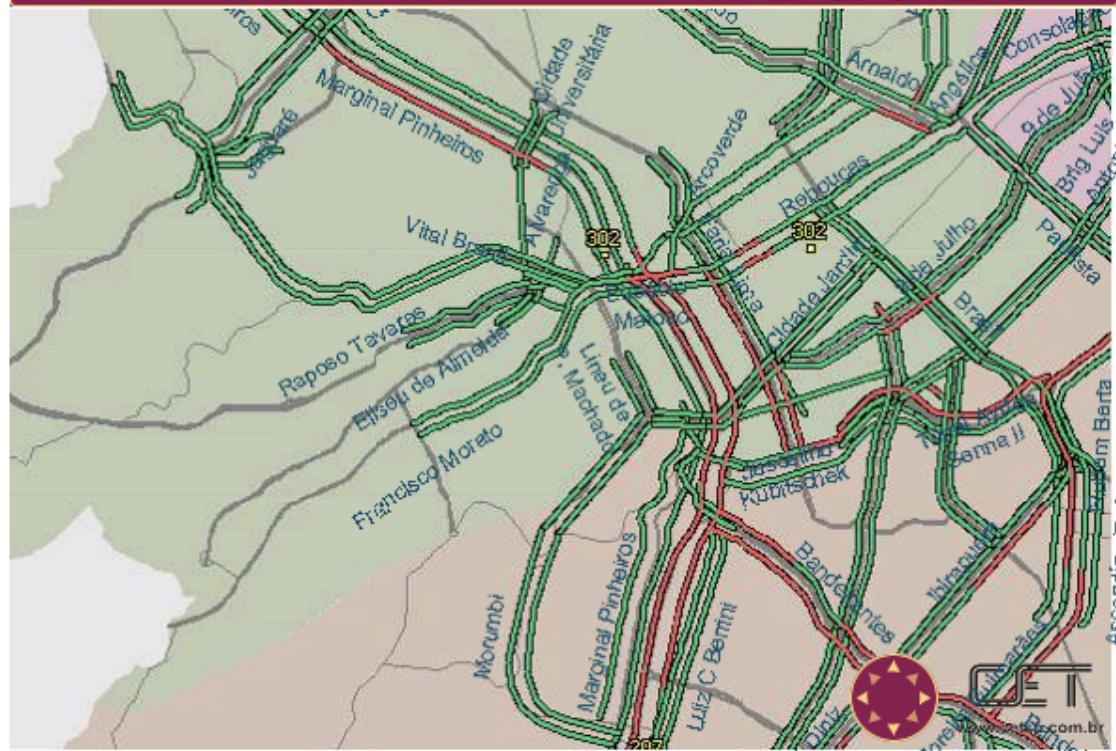
LENTIDÃO: 12 km (16%)

Na cidade às 16:28

LENTIDÃO: 8,7%

TENDÊNCIA:

VEJA:



Trânsito agora (2008), CET-SP.



All years

2003

2004

2005

2006

2007

2008

2009

2010

2011

Zoom to address or ZIP

Go

Homicides
2003-2011

4,161

Average homicides per year: 494

All homicides

Month and time of day

Race/ethnicity of victim

Race/ethnicity of perpetrator

Sex of victim

Sex of perpetrator

Age of victim

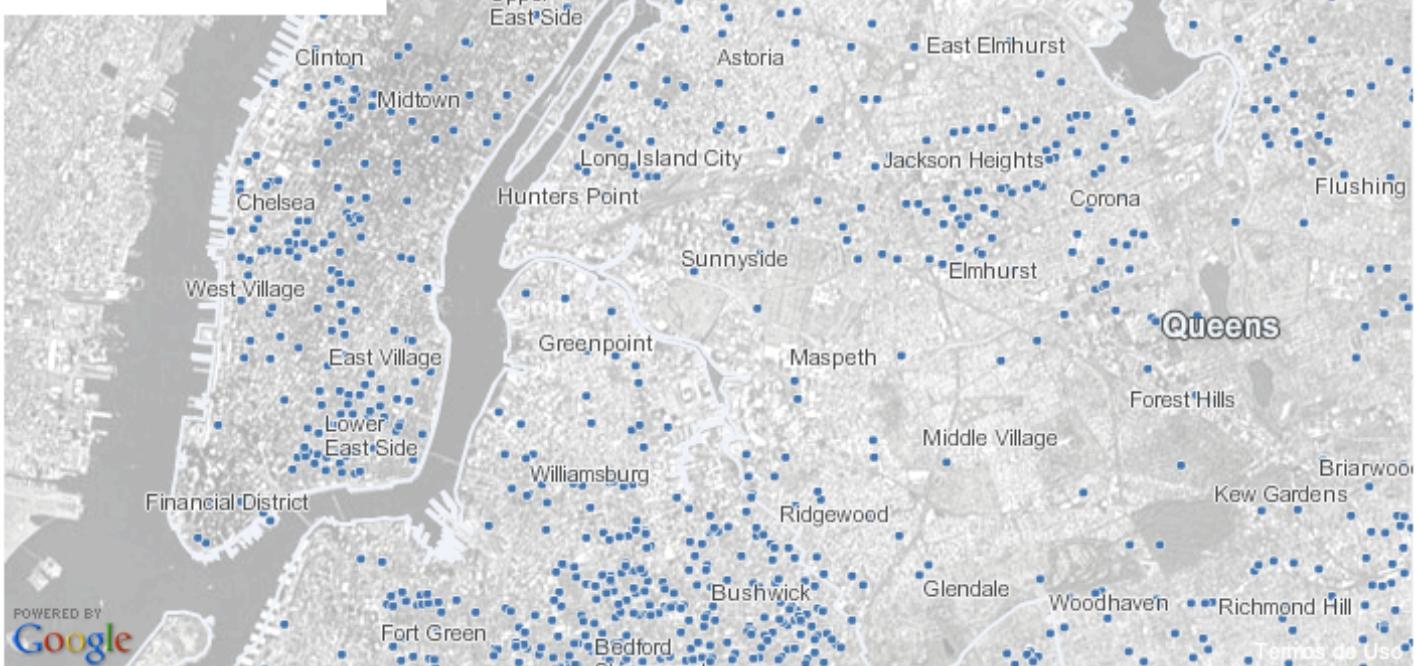
Age of perpetrator

Weapon used

Borough

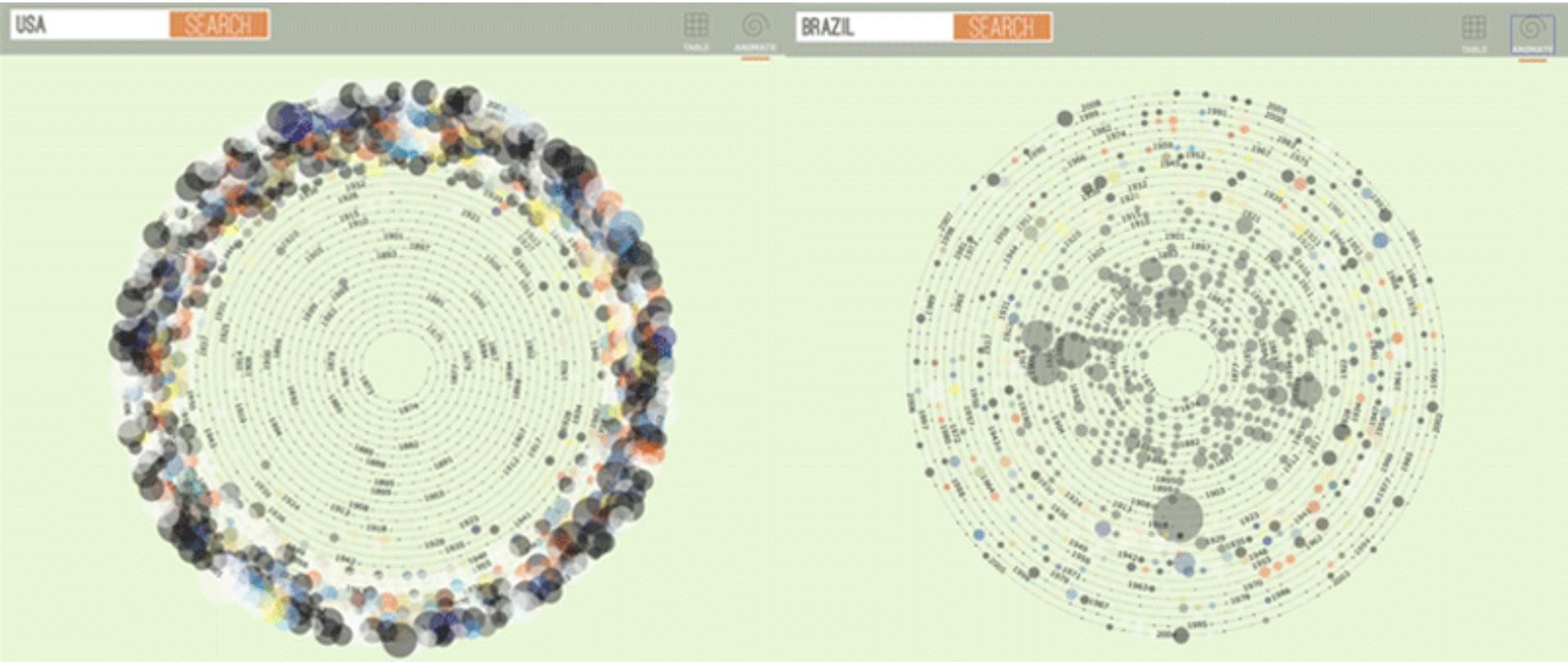
HOMICIDES IN EACH YEAR

2011	209
'10	329
'09	386
'08	518
'07	478
'06	562
'05	534
'04	548
'03	597



Map does not show 39 locations that the police have not released.

Murder: New York City (2011), The New York Times



Word Reference 1873-2011 (2011), Popular Science Magazine | popsci.com

2. Aplicativos multimídia

vídeo

<http://vimeo.com/21553632>

Last Clock (2002), Jussi Ängeslevä e Ross Cooper



Heatsink (2005), Bonanni. DataFountain (2004), van Mensvoort.

vídeo

<http://intheair.es/tools/physical-prototype-video.html>

In the air (2008), Medialab Prado

vídeo

<http://gtdv.jmartinho.net/?s=video>

GTDV (2008), João Martinho

vídeo

<http://youtu.be/ystkKXzt9Wk>

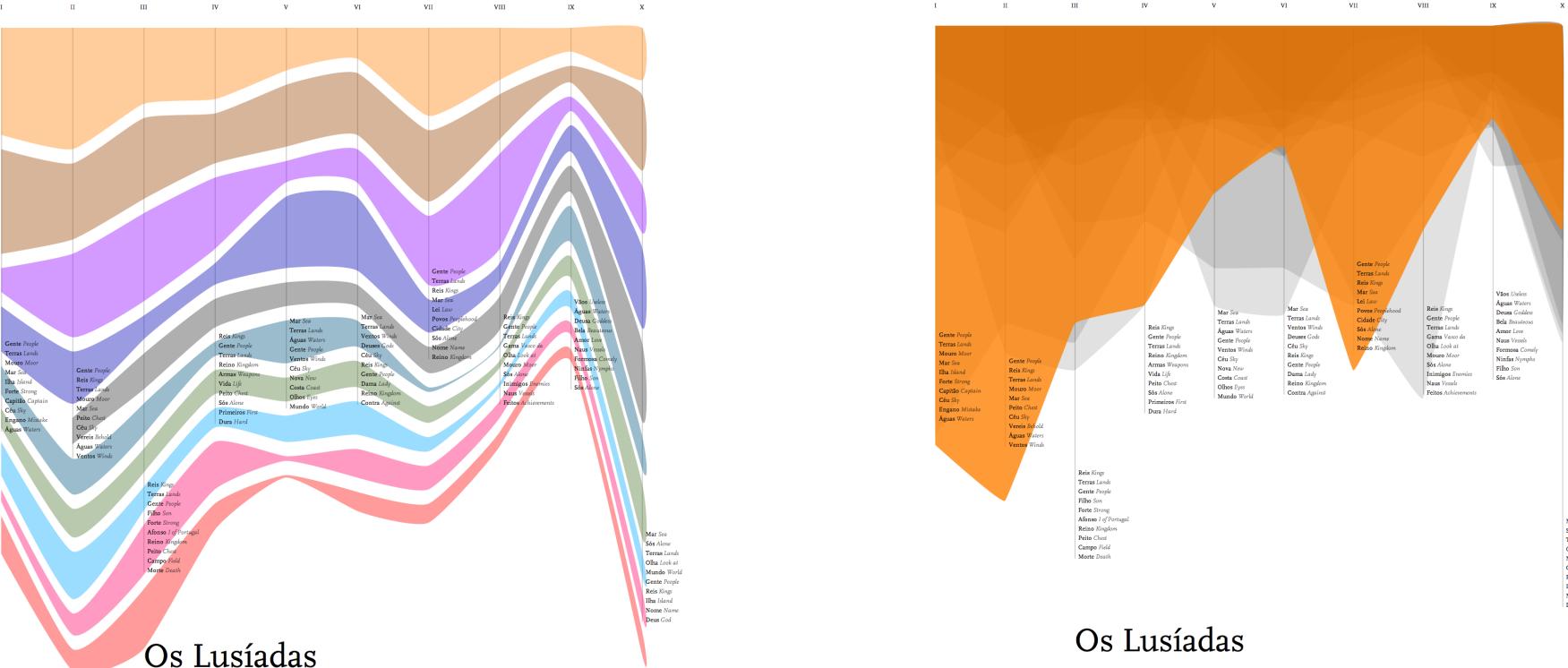
Flight Patterns (2009), Aaron Koblin

vídeo

<http://vimeo.com/11506746>

Empires (2010), Pedro Miguel Cruz

3. Projetos impressos



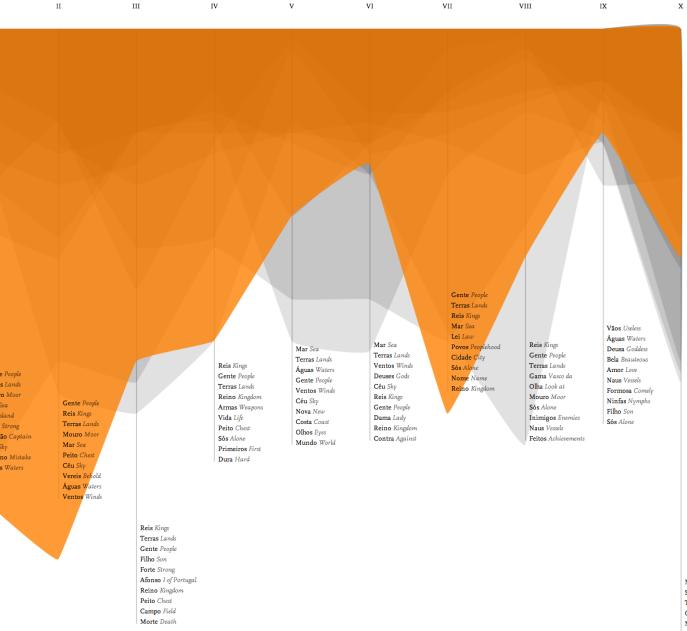
Gente People
Terras Lands
Mundo Moor
Mar Sea
Ela Land
Forte Strong
Capitão Captain
Cidade City
Engano Mitoche
Águas Waters
Ventos Winds

Os Lusíadas é uma epopeia portuguesa de Luís Vaz de Camões publicada pela primeira vez em 1572. A obra é composta por dez cantos e vira setenta. À esquerda estão as dez palavras mais frequentes na obra por ordem decrescente de ocorrência. Esta peça evidencia essas dez palavras.

Esta figura mostra diretamente a frequência de cada palavra em cada canto. A cada canto corresponde uma lista das dez palavras mais frequentes nesse canto ordenadas por número de ocorrências desse canto.

O comprimento das linhas verticais para cada canto representa a sua extensão em números de versos.

Experiment by Pedro M. Cruz at DEI/FBA. <http://mondeguiucho.com/master>



Gente People
Terras Lands
Mundo Moor
Mar Sea
Ela Land
Forte Strong
Capitão Captain
Cidade City
Engano Mitoche
Águas Waters

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Experiment by Pedro M. Cruz at DEI/FBA. <http://mondeguiucho.com/master>

Os Lusíadas (2010), Pedro Miguel Cruz

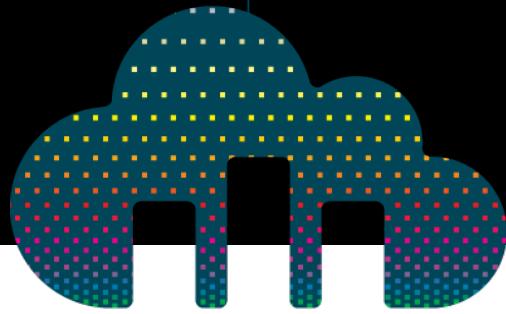
MAPPING THE ARCHIVE: PRIX ARS ELECTRONICA



X by Y (2009), Dietmar Offenhuber e Moritz Stefaner

Mas isso é impossível de fazer...

Não... não é!

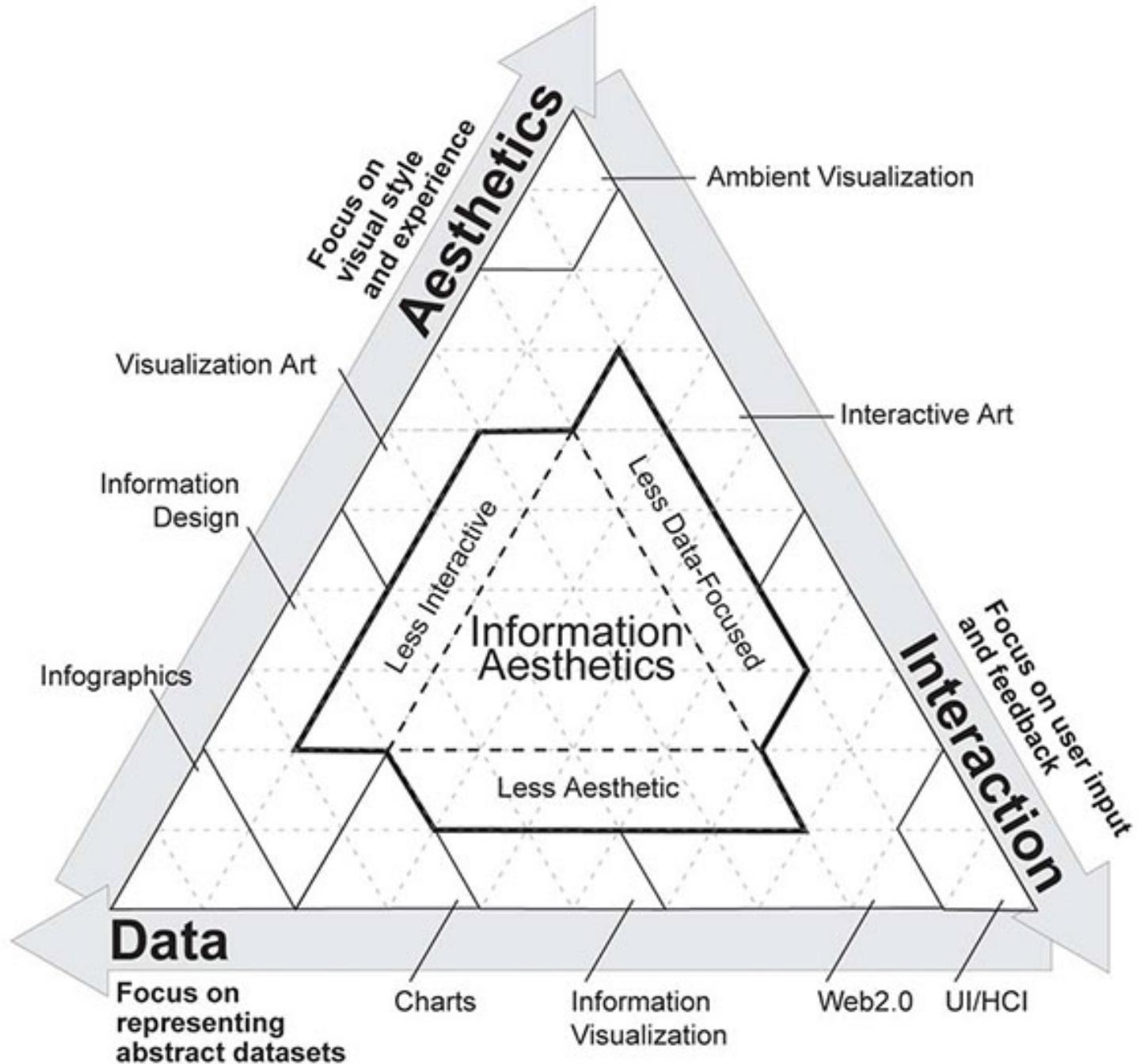


WARNING

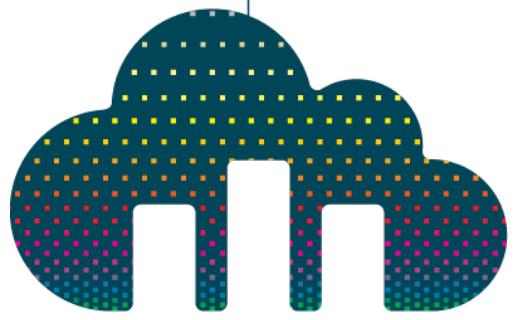
Real Time Global Air
Quality Display

O projeto “Warning – Real Time Global Air Quality Display” é uma **instalação** que recebe dados da internet a respeito da **qualidade do ar** de 30 cidades em 5 continentes. A instalação representa estes dados numa **tela** e numa **estrutura física** através de um sistema de iluminação (**LEDs**) situada num **espaço público**.

WARNING – real time global air quality display



Modelo para a *information aesthetics* de Lau e Vande Moere (2007).

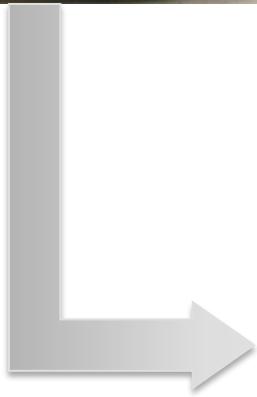
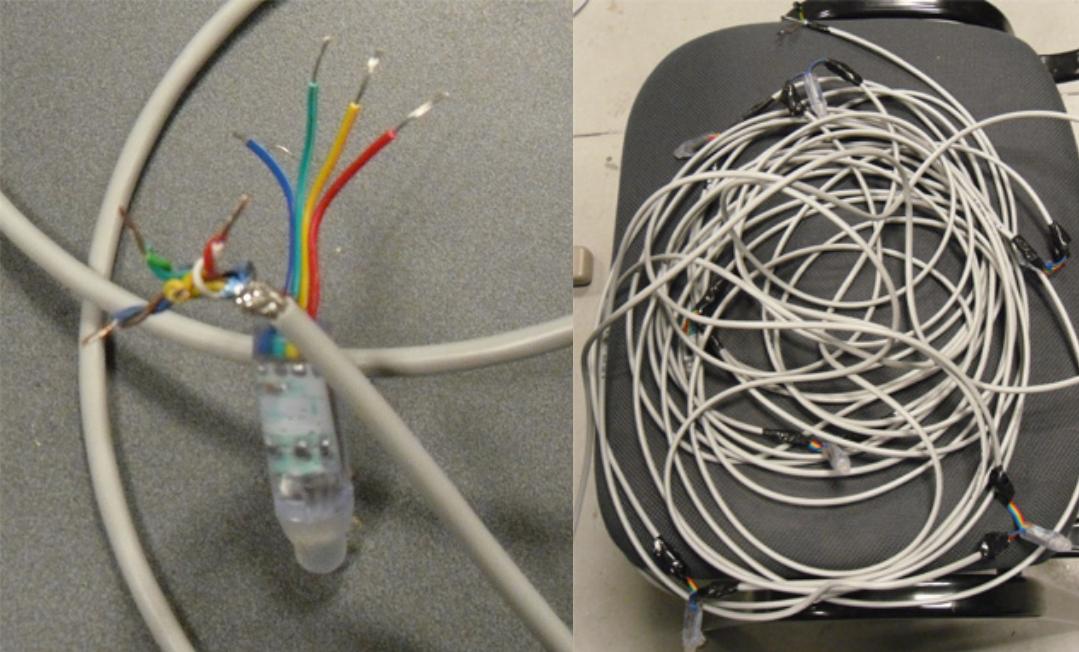


WARNING

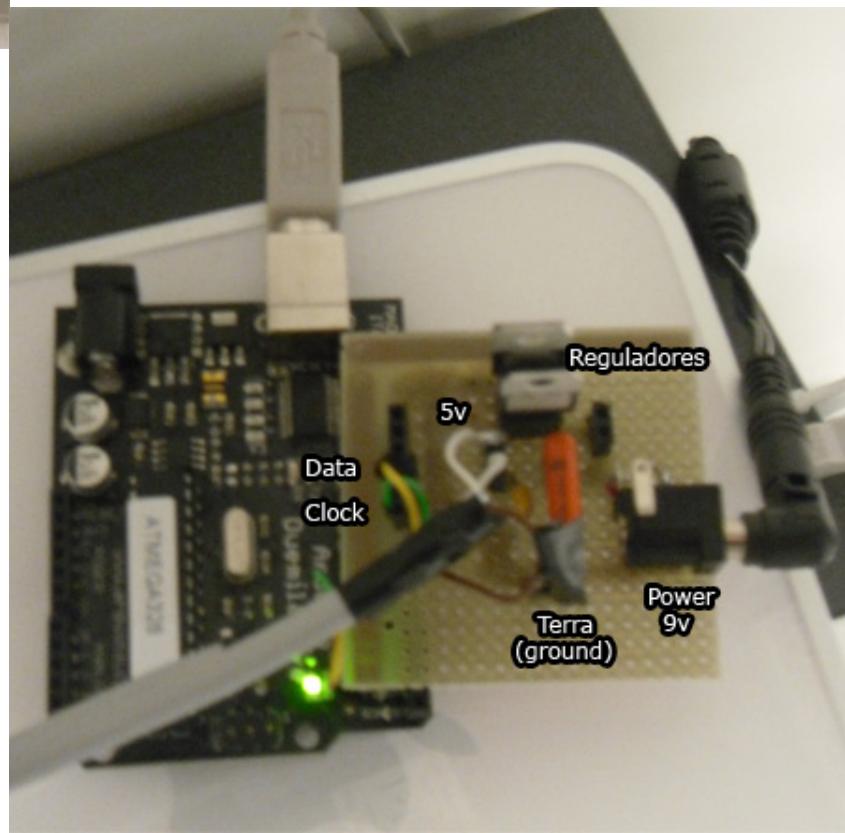
Real Time Global Air Quality Display

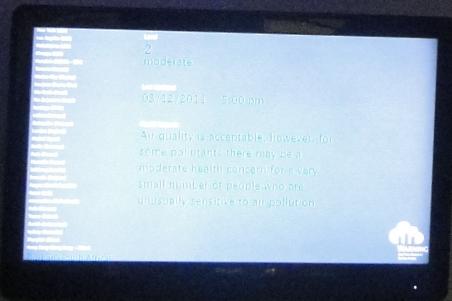
Índice do projecto Warning	1 Very good (muito bom)	2 Good (Bom)	3 Moderate (Moderado)	4 Unhealthy for Sensitive Groups (Inadequado)	5 Unhealthy (Ruim)	6 Unhealthy (Muito Ruim)	7 Hazardous (Critico)
Cidade, País ou Continente *							
Cidade do Mexico		0 a 50 Buena	51 a 100 Regular		101 a 150 Mala	151 a 200 Muy mala	+200 Extremadamente Mala
Durban		Low	Modarate		High	Very High	
EUA (Chicago, Honolulu, Los Angeles, New York, Philadelphia)		0 - 50 Good	51 - 100 Moderate	101- 150 Unhealthy for Sensitive Groups	151 - 200 Unhealthy	201-300 Very Unhealthy	301 - 500 Hazardous
Europa (Amsterdam, Berlin, Brussels, London, Madrid, Marseille, Oslo, Paris, Prague, Rome, Salzburg, Tczew, Zurich)	0-25 Very Low	26 – 50 Low	51 -75 Medium		76 – 100 High	+100 Very High	
Hong Kong		0 – 25 Low	26 – 50 medium		51- 100 - high	101-200 – very high	201 – 500 - severe
Portugal (Lisboa e Guimarães)	muito bom	bom	médio	fraco	mau		
Rio de Janeiro		0 – 50 boa	51 – 100 regular	101 – 200 inadequado	201 – 300 má	301 – 400 péssimo	+400 critica
San Juan		0 – 50 Bueno	51-100 Moderado	101-150 Insalubre a grupos sensitivos	151-200 Insalubre	201-300 Bien Insalubre	301 ó más Peligroso
Santiago		0-100 Bueno	101 – 200 Regular		201 -300 Malo	301 – 400 Critico	401 -500 Peligroso
São Paulo		0 – 50 boa	51 – 100 regular	101 – 199 inadequado	200 – 299 má	+299 péssimo	
Shangai		0 – 25 Low	26 – 50 medium		51- 100 high	101-200 very high	201 – 500 severe
Sydney	0 – 33 very good	34 - 66 good	67 - 99 fair		100 - 149 poor	150 - 199 very poor	+200 hazardous
Toronto	0 – 15 very good	16-31 good	32-49 moderate		50-99 poor	+100 very poor	

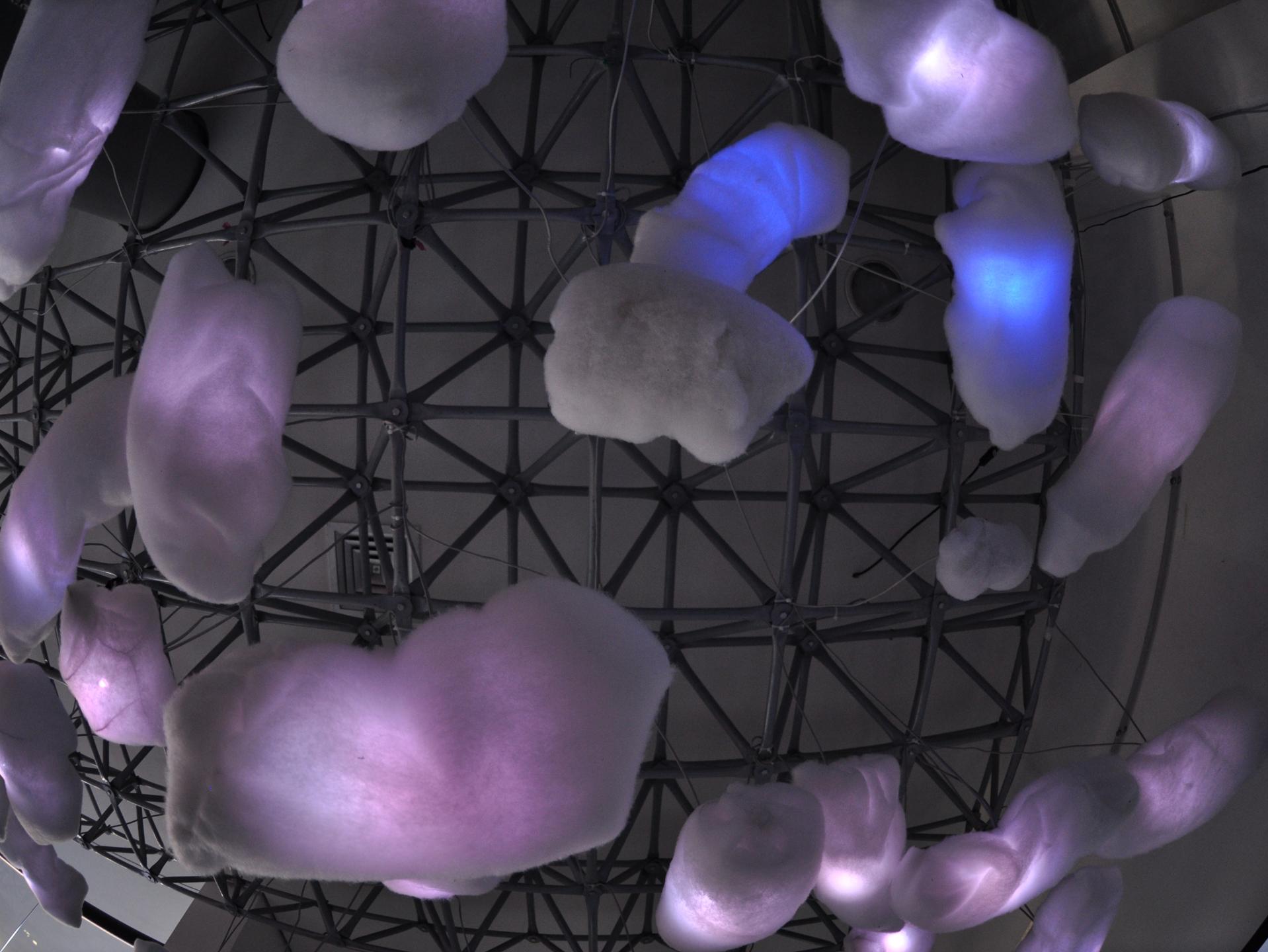


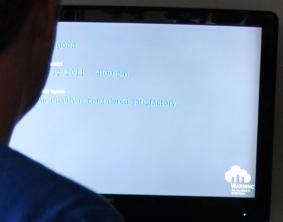


Transformação a base de
muita gambiarra, DIY e
fios perdidos.













A man and a young girl are standing in front of a wall covered in travel destinations. The man, wearing a light green polo shirt with 'Norway' and 'Tajikistan' printed on it, is holding a small glowing orb. The girl, wearing a red and white polka-dot dress, is looking up at him. The wall behind them lists various cities and countries in different colors:

- England)
- Madrid (Spain)
- Berlin (Germany)
- Rome (Italy)
- (France)
- Marseille (France)
- Prague (Czech Rep.)
- Tczew (Poland)
- Belgium)
- Oslo (Norway)
- Durban (South Africa)
- n (Netherlands)
- Sydney (Australia)
- zitzerland)
- g (Hong Kong)



Measure impacts

Air quality is consi

London (England)
Madrid (Spain)
Berlin (Germany)
Paris (France)
Marseille (France)
Salzburg (Austria)
Brussels (Belgium)
Prague (Czech Republic)
Rome (Italy)
Amsterdam (Netherlands)
Oslo (Norway)
Copenhagen (Denmark)
Zurich
Sydney (Australia)
Hong Kong (China)
Doha (Qatar)

Centro (Canada)

0
very good

2:00 am

Air quality is considered satis-



New York (USA)
Los Angeles (USA)
Philadelphia (USA)
Chicago (USA)
Honolulu (HAWAII - USA)
Toronto (Canada)
Mexico City (Mexico)
San Juan (Puerto Rico)
São Paulo (Brazil)
Rio de Janeiro (Brazil)
Santiago (Chile)
Lisbon (Portugal)
Guimaraes (Portugal)
London (England)
Madrid (Spain)
Berlin (Germany)
Paris (France)
Marseille (France)
Salzburg (Austria)
Brussels (Belgium)
Prague (Czech Republic)
Rome (Italy)
Amsterdam (Netherlands)
Oslo (Norway)
Tczew (Poland)
Zurich (Switzerland)
Sydney (Australia)
Shanghai (China)
Hong Kong (Hong Kong - China)
Durban (South Africa)

Level
5
unhealthy

Last Update
28/03/2011 04:00 pm

Health impacts
Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.



New York (USA) Los Angeles (USA) Philadelphia (USA) Chicago (USA)

Honolulu (HAWAI - USA) Toronto (Canada) Mexico City (Mexico)

San Juan (Puerto Rico) São Paulo (Brazil) Rio de Janeiro (Brazil)

Santiago (Chile) Lisbon (Portugal) Guimarães (Portugal) London (England)

Madrid (Spain) Berlin (Germany) Paris (France) Marseille (France)

Salzburg (Austria) Brussels (Belgium) Prague (Czech Republic)

Rome (Italy) Amsterdam (Netherlands) Oslo (Norway) Tczew (Poland)

Zurich (Switzerland) Sydney (Australia) Shanghai (China)

Hong Kong (Hong Kong - China) Durban (South Africa)



WARNING
Real Time Global Air
Quality Displays

vídeo

<http://vimeo.com/35520114>

Melhor que isso a gente faz...

 Presidência da República
Controladoria-Geral da União - CGU

Destaques do Governo

 PORTAL DA TRANSPARÊNCIA
do Governo Federal

Fale conosco | Glossário | Perguntas Freqüentes | Links | Manual de Navegação

Acesso rápido Selezione... OK

Você está em:
Início » Brasil » PE

Transparência nos Estados - Pernambuco (Governo do Estado)

 O que é?
 Orientações ao ente
 Legislação
 Transparência nos municípios

EM DESTAQUE

Número de Convênios por Concedente

- Min. Saúde
- Min. Educ.
- Min. Cidades
- MJ
- MDA

[1](#) [2](#) [Todas](#)



PAINEL

Repasses do Governo Federal para o Governo do Estado em Setembro de 2011:

 R\$ 283.619.101,44

Repasses do Governo Federal para o Governo do Estado acumulado em 2011:

 R\$ 4.193.239.171,16



Cadastro de Convênios

RECURSOS RECEBIDOS DO GOVERNO FEDERAL EM 2011

Recursos Recebidos por Área	Recursos Recebidos por Ação		
Encargos Especiais -----	R\$ 3.219.265.186,20	FPE- CF art. 159 -----	R\$ 2.437.601.750,99
Saúde -----	R\$ 668.179.996,27	FUNDEB -----	R\$ 642.572.662,10
Educação -----	R\$ 80.794.847,83	TETO MAC -----	R\$ 610.810.503,27

minhacidade.me



Pronto para o desafio?

então, construa uma cidade melhor

• Saiba como •



Eu disse...
e apareceu mais rápido...

do que eu esperava!

Visualize Dados

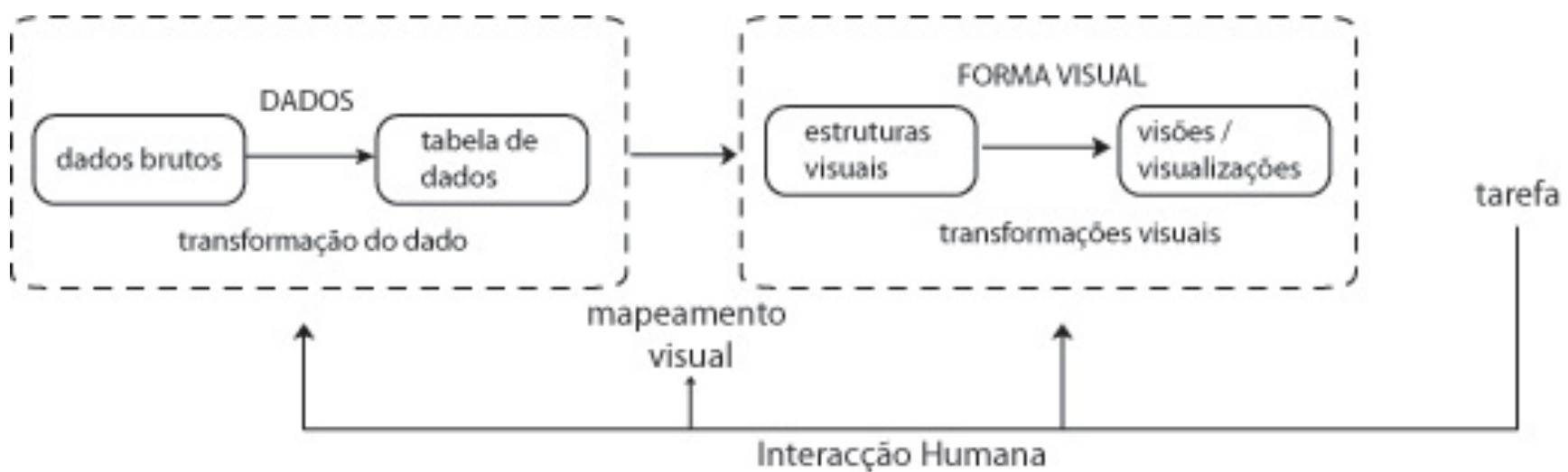


Para te auxiliar nesta batalha, o minhacidade.me transforma dados públicos (disponíveis em portais de transparência e demais sites públicos) em visualizações de dados interativas e agradáveis. Assim, você tem muito mais tempo e prazer para analisar e aprender sobre pontos fundamentais sobre a sua cidade, como educação, saúde, segurança, transporte etc.

Olhar além da tradicional utilização
da tela como interface

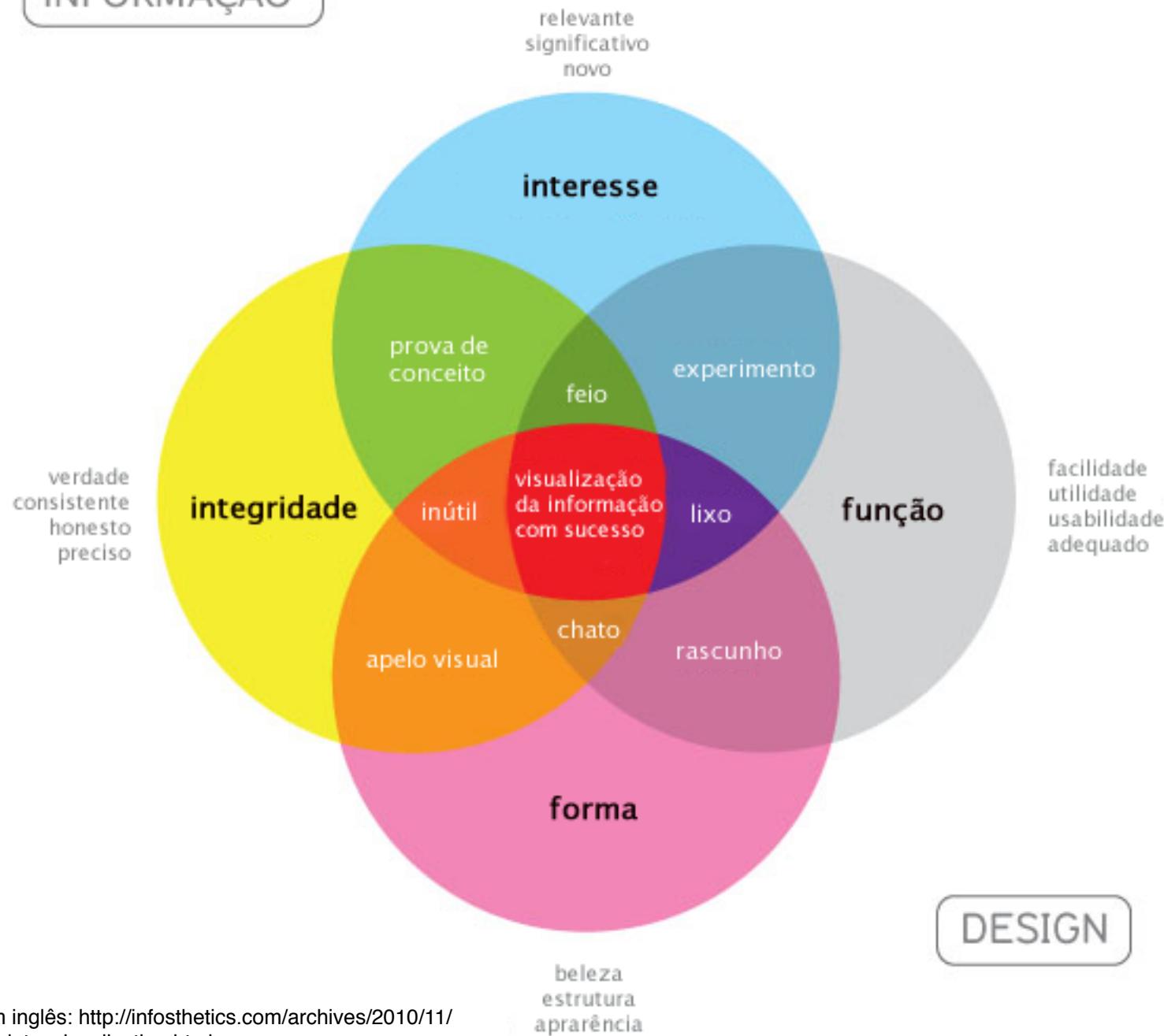
Interface non-screen-based +
softwares e hardwares livres ->
novas experiências estéticas
produzidas e implementadas com
baixo custo.

A visualização de informação visa **ampliar o conhecimento** através do desenvolvimento eficaz de **metáforas visuais** para o mapeamento de dados abstratos (Card; Mackinlay; Shneiderman, 1999).



Modelo referencial do processo de visualização proposto por Card et al (1999).

INFORMAÇÃO



DESIGN

Onde encontro mais informações?

visualcomplexity.com – Manuel Lima

flowingdata.com – Nathan Lau

infosthetics.com – Andrew Vande
Moere

Fernanda Viegas

Obrigado! Perguntas!?

prof@rodrigomedeiros.com.br

@medeiros_rod