Visualización de l Información Principios generales

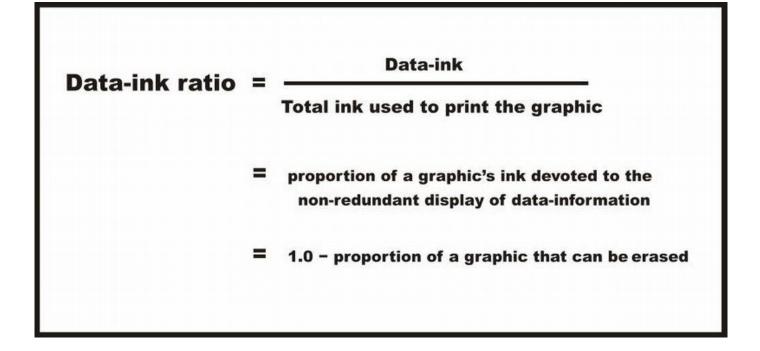
Diplomatura en Ciencia de Datos

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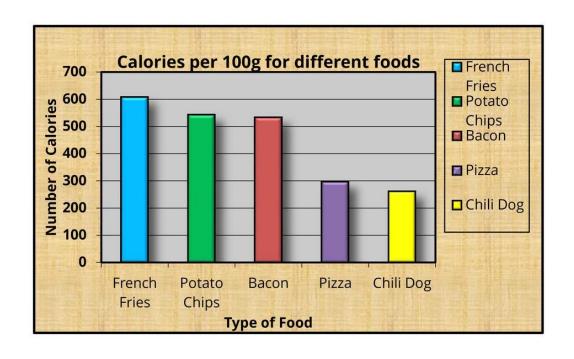
• Data-Ink Ratio

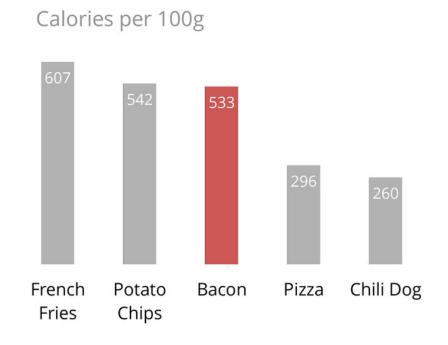
• Dimensionalidad de los atributos gráficos

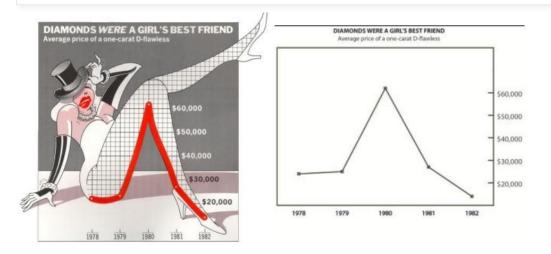
Percepción pre-atentiva

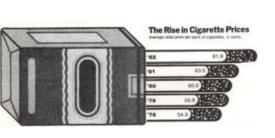


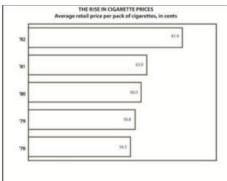
Fuente: Tufte, E. (1983). The Visual Display of Quantitative Information. Graphics Press.



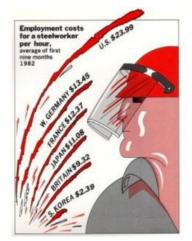


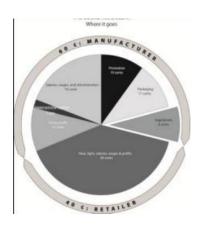


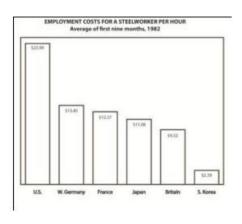




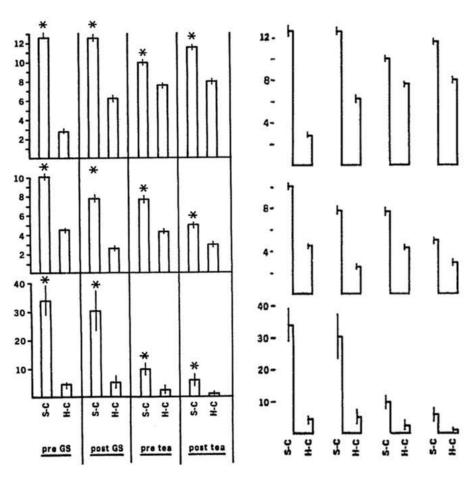




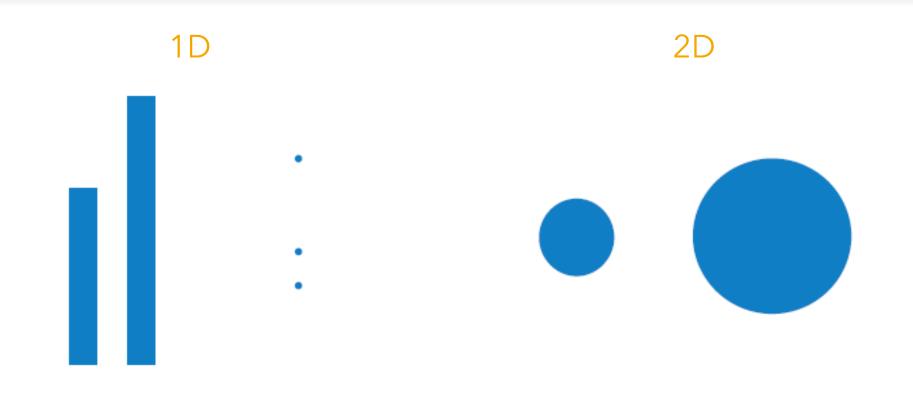


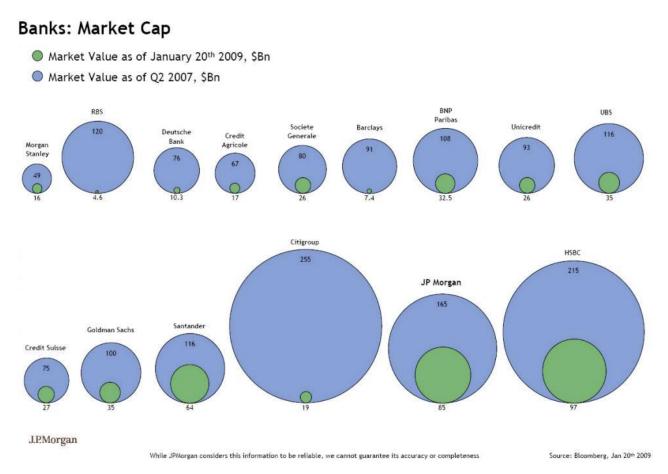


Fuente: Bateman, S., Mandryk, R.L., Gutwin, C., Genest, A.M., McDine, D., Brooks, C. 2010. Useful Junk? The Effects of Visual Embellishment on Comprehension and Memorability of Charts. InACM Conference on Human Factors in Computing Systems (CHI 2010), Atlanta, GA, USA. 2573-2582. Best paper award. DOI: 10.1145/1753326.1753716.

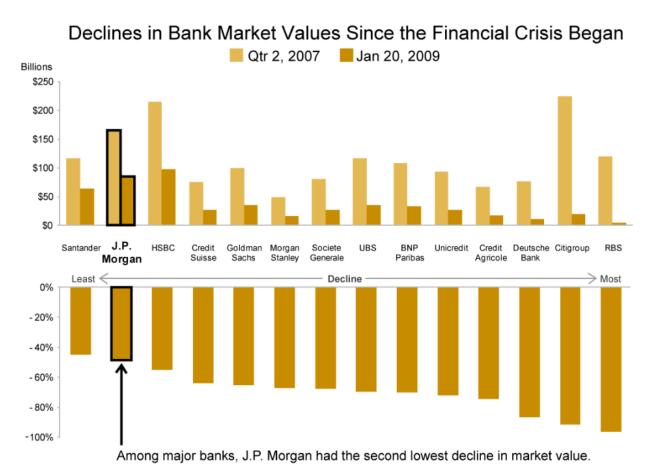


Fuente: Inbar, O.; Tractinsky, N.; Meyer, J. (2007). Minimalism in Information Visualization -Attitudes towards Maximizing the Data-Ink Ratio. DOI: 10.1145/1362550.1362587

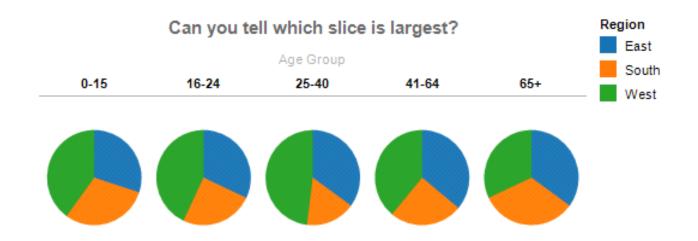


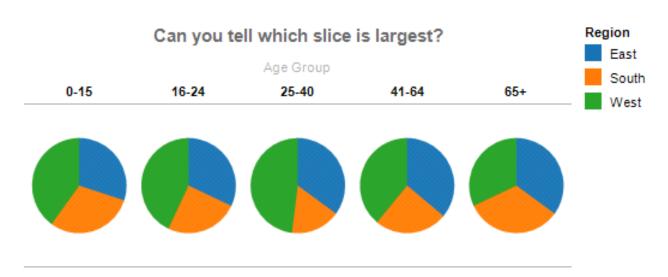


Fuente: Few, S. (2010). Our Irresistible Fascination with All Things Circular. Recuperado de: http://www.perceptualedge.com/articles/visual_business_intelligence/our_fascination_with_all_things_circular.pdf



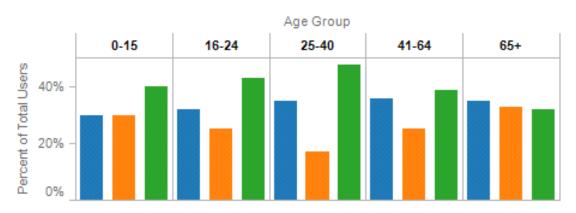
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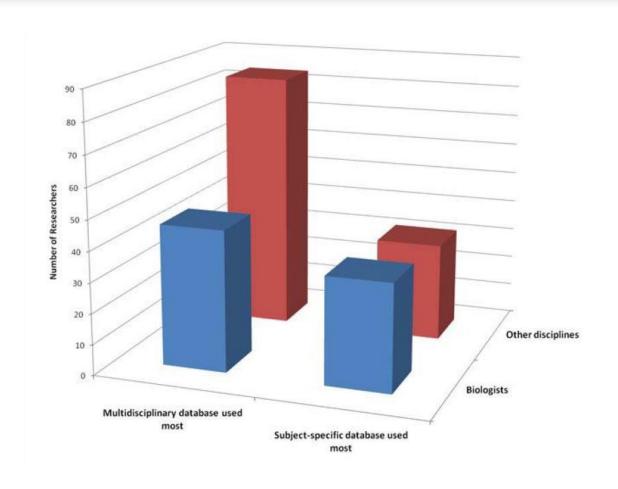


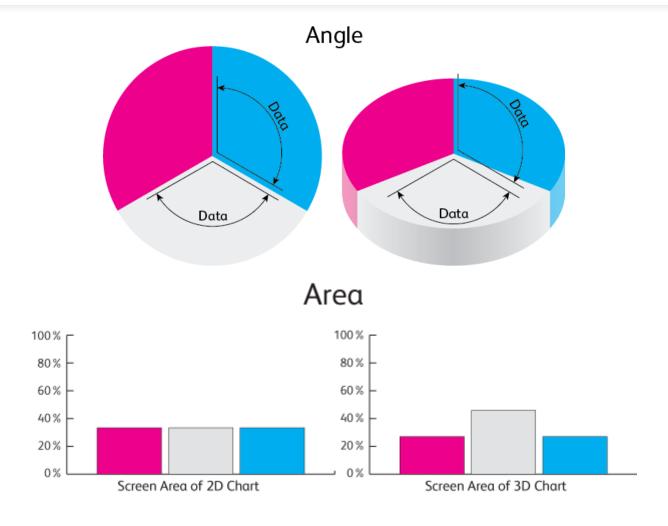


This is the same information represented as bars.

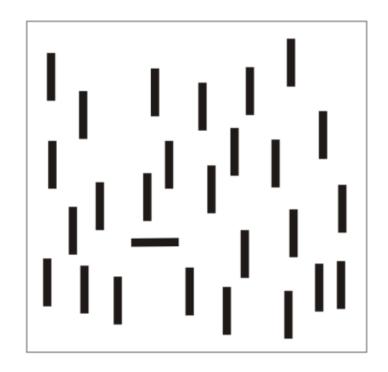
Comparisons are much easier.

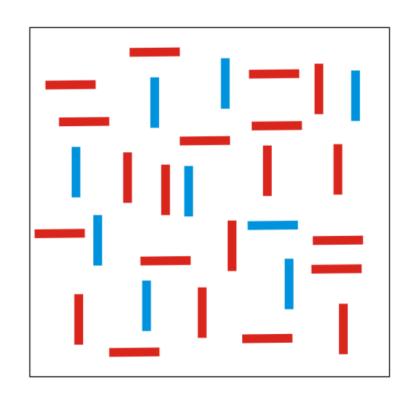


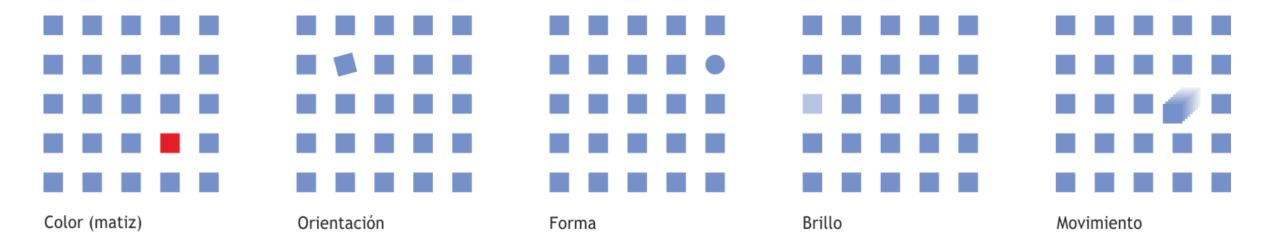




Fuente: Skau, D. (2011). 2D's Company, 3D's a Crowd [Artículo de blog]. Recuperado de: https://visual.ly/blog/2ds-company-3ds-a-crowd/







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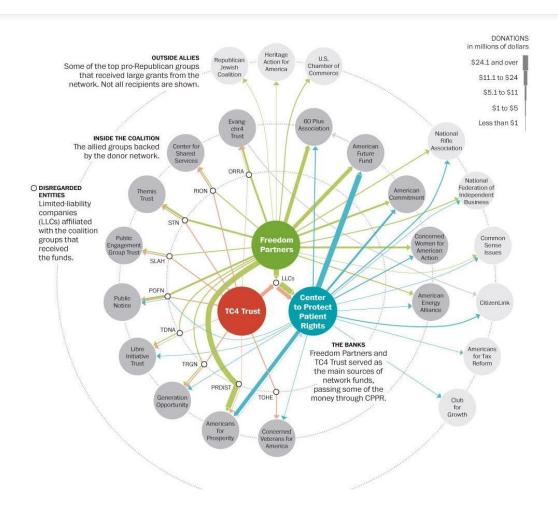
Figure 6-3. Find the values greater than one

0.103	0.176	0.387	0.300	0.379	0.276	0.179	0.321	0.192	0.250
0.333	0.384	0.564	0.587	0.857	1.064	0.698	0.621	0.232	0.316
0.421	0.309	0.654	0.729	0.228	0.529	0.832	0.935	0.452	0.426
0.266	0.750	1.056	0.936	0.911	0.820	0.723	1.201	0.935	0.819
0.225	0.326	0.643	0.337	0.721	0.837	0.682	0.987	0.984	0.849
0.187	0.586	0.529	0.340	0.829	0.835	0.873	0.945	1.103	0.710
0.153	0.485	0.560	0.428	0.628	0.335	0.956	0.879	0.699	0.424

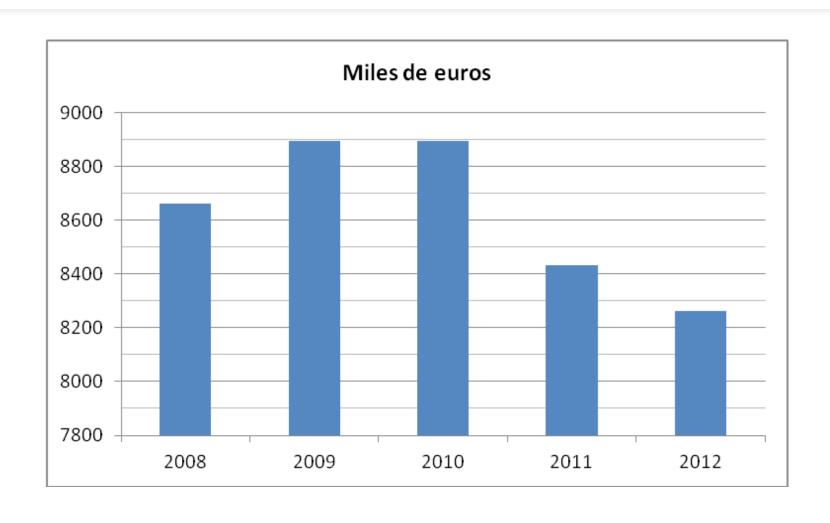
Fuente: Dashboard Spy. (s. f.) Intuitive Dashboard Design -Preattentive Variables. Recuperado de: http://dashboardspy.com/intuitive-dashboard-design-preattentive-variables/

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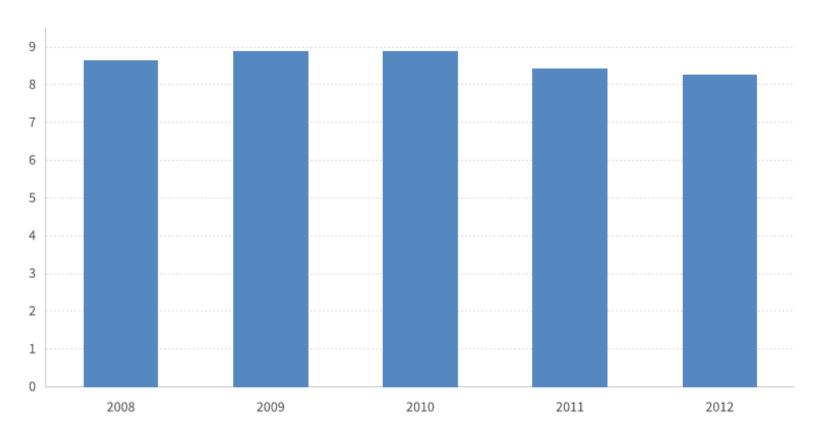
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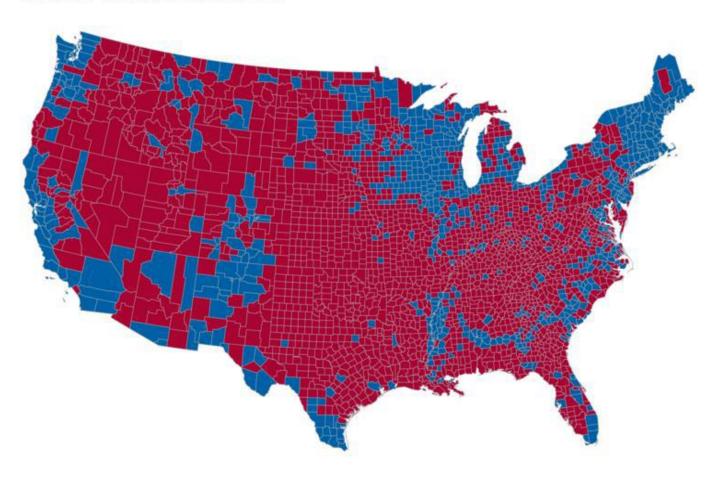
Fuente: Gold, M. y Rivero, C. (5 de enero 2014). Inside the \$400-million political network backed by the Kochs. The Washington Post.

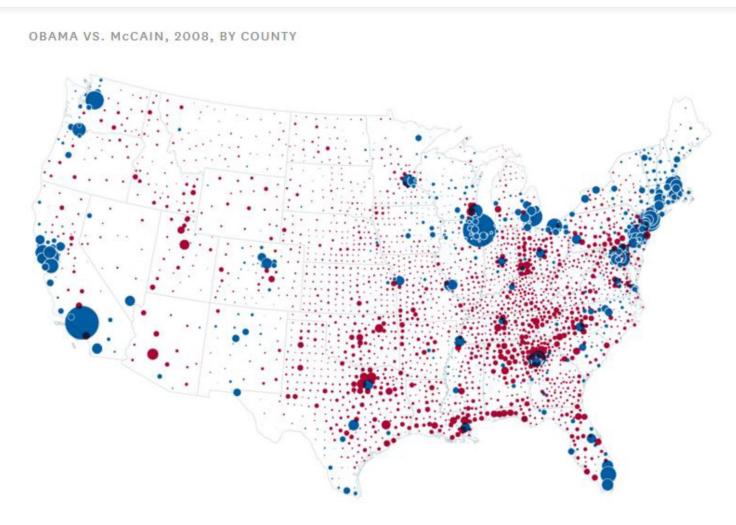


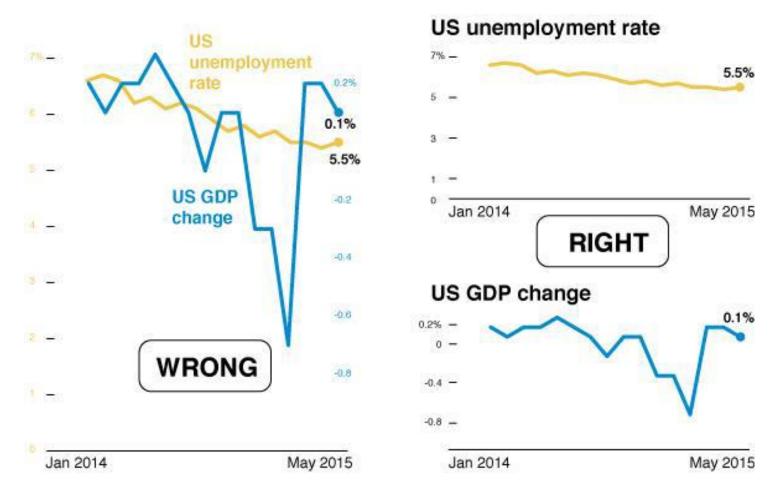
Millones de euros











Esteban, C. (2015). A Quick Guide to Spotting Graphics That Lie. National Geographic.

