

Data Vis Process Reading List

Maintained by Scott Murray at: github.com/alignedleft/data-vis-process

Please [send me a note](#) if you know of something that should be on this list.

Last update: July 22, 2014

Books

...that address design *process*

Börner, Katy and David E. Polley. *Visual Insights: A Practical Guide to Making Sense of Data*. MIT Press, 2014.

Cairo, Alberto. *The Functional Art: An Introduction to Information Graphics and Visualization*. New Riders, 2013.

Catmull, Ed and Amy Wallace. *Creativity, Inc.: Overcoming the Unseen Forces That Stand in the Way of True Inspiration*. Random House, 2014.

Ferster, Bill. *Interactive Visualization: Insight through Inquiry*. MIT Press, 2012.

Few, Stephen. *Show Me the Numbers: Designing Tables and Graphs to Enlighten*. 2nd ed. Analytics Press, 2012.

Fry, Ben. *Visualizing Data*. O'Reilly Media, Inc., 2008.

Gertner, Jon. *The Idea Factory: Bell Labs and the Great Age of American Innovation*. Penguin, 2012.

Gray, Jonathan, Lucy Chambers, and Liliana Bounegru. *The Data Journalism Handbook: How Journalists Can Use Data to Improve the News*. O'Reilly, 2012.

Illiinsky, Noah and Julie Steele. *Designing Data Visualizations: Intentional Communication from Data to Display*. O'Reilly, 2011.

Kirk, Andy. *Data Visualization: A Successful Design Process*. Packt Publishing, 2012.

Lankow, Jason, Josh Ritchie, and Ross Crooks. *Infographics: The Power of Visual Storytelling*. Wiley, 2012.

Munzer, Tamara. *Visualization Analysis and Design*. AK Peters, forthcoming (expected in 2014). <https://www.cs.ubc.ca/~tmm/courses/533-11/book/>

Segaran, Toby and Jeff Hammerbacher. *Beautiful Data: The Stories Behind Elegant Data Solutions*. O'Reilly, 2009.

Yau, Nathan. *Data Points: Visualization That Means Something*. Wiley, 2013.

Yau, Nathan. *Visualize This: The FlowingData Guide to Design, Visualization, and Statistics*. Wiley, 2011.

...that primarily address principles of how designs work

Meirelles, Isabel. *Design for Information: An Introduction to the Histories, Theories, and Best Practices Behind Effective Information Visualizations*. Rockport, 2013.

Tufte, Edward R. *The Visual Display of Quantitative Information*. 2nd ed. Graphics Press, 2001.

Tufte, Edward R. *Envisioning Information*. 1st ed. Graphics Press, 1990.

Ware, Colin. *Information Visualization: Perception for Design*. 3rd ed. Morgan Kaufmann, 2013.

Ware, Colin. *Visual Thinking for Design*. Morgan Kaufmann, 2008.

...that primarily document specific design projects

Cook, Gareth, ed. *The Best American Infographics 2013*. Mariner Books, 2013.

Kamvar, Sep and Jonathan Harris. *We Feel Fine: An Almanac of Human Emotion*. Scribner, 2009.

Klanten, Robert, et al. *Data Flow: Visualizing Information in Graphic Design*. Gestalten, 2008.

Klanten, Robert. *Data Flow 2: Visualizing Information in Graphic Design*. Gestalten, 2010.

Lima, Manuel. *The Book of Trees: Visualizing Branches of Knowledge*. Princeton Architectural Press, 2014.

Lima, Manuel. *Visual Complexity: Mapping Patterns of Information*. Princeton Architectural Press, 2011.

Rendgen, Sandra. *Information Graphics*. Taschen, 2012.

Rosenberg, Daniel, and Anthony Grafton. *Cartographies of Time: A History of the Timeline*. Princeton Architectural Press, 2010.

Steele, Julie and Noah Iliinsky. *Beautiful Visualization: Looking at Data through the Eyes of Experts*. O'Reilly Media, 2010.

Wildbur, Peter. *Information Graphics: A Survey of Typographic, Diagrammatic and Cartographic Communication*. Van Nostrand Reinhold Company, 1989.

Online

Process blogs

- chartsnthings.tumblr.com
- economist.com/blogs/graphicdetail/
- theguardian.com/news/datablog
- juanvelascoblog.com
- naturegraphics.tumblr.com
- postgraphics.tumblr.com

Firms and individuals that sometimes post on process

- eagereyes.org (Robert Kosara)
- fathom.info
- fellinlovewithdata.com (Enrico Bertini)
- stamen.com
- visualisingdata.com (Andy Kirk)
- well-formed-data.net (Mortiz Stefaner)

Discussion of process and critique

- datastori.es (podcast with Mortiz Stefaner and Enrico Bertini)
- thewhyaxis.info (Bryan Connor)
- perceptualedge.com/blog/ (Stephen Few)

Brilliant essay and ebook on design process that didn't fit in any category above

Dubberly, Hugh. "What can Steve Jobs and Jonathan Ive teach us about designing?"
ACM Interactions, Vol. XIX.3, 2012. <http://www.dubberly.com/articles/stevejobs.html>

Dubberly, Hugh and Dubberly Design Office. *How do you design? A compendium of models*. Dubberly Design Office, 2004. <http://www.dubberly.com/articles/how-do-you-design.html>