

# Assignment 2.1

Posted February 17  
Due before next class



Figure 1. <http://www.informationisbeautiful.net/2014/invest-in-knowledge-is-beautiful/>

## Overview

This assignment is intended to get you to explore the state of the art in interactive data visualization—an emerging field with multiple applications in architecture, design and the arts.

## Part 1: Examples and Resources

Cast a wide net in search of data visualization projects (with a focus on interactive) that are interesting to you. You can use the links below as starting points, but you definitively should explore beyond this list. The projects you choose must involve original software. Do the following: a) choose three different projects, b) document them, describe them, and explain why you chose them; c) describe the kind of data they are based on and d) try to explain how you think they work.

<http://bits.blogs.nytimes.com/2013/06/19/data-driven-aesthetics/>

<http://www.whitehouse.gov/interactive-budget>

<http://lifeanddeathofdata.org/>

<http://www.informationisbeautiful.net/>

<http://www.visualisingdata.com/index.php/resources/>

<http://drones.pitchinteractive.com/>

<http://www.theyrule.net/>

<http://danielsauter.com/gallery.php?category=teaching&keyword=graduate>

<http://www.nature.com/news/humanity-s-cultural-history-captured-in-5-minute-film-1.15650>

<http://www.niemanlab.org/2013/12/interrogating-the-network-the-year-in-social-media-research/livehoods.org>

<http://arxiv.org/pdf/1308.3657v1.pdf>

<http://www.wired.com/wiredscience/2013/12/the-best-maps-of-2013/?cid=co16368954>

<http://www.theatlanticcities.com/technology/2013/07/most-sophisticated-flickr-maps-weve-ever-seen/6186/>

<http://moritz.stefaner.eu/projects/emoto/>

<http://notes.variogr.am/post/53245962722/is-your-movie-and-music-preference-related>

[Cinemetrics](#)

## **Part 2: Obtain a Data Set**

Bring your data!