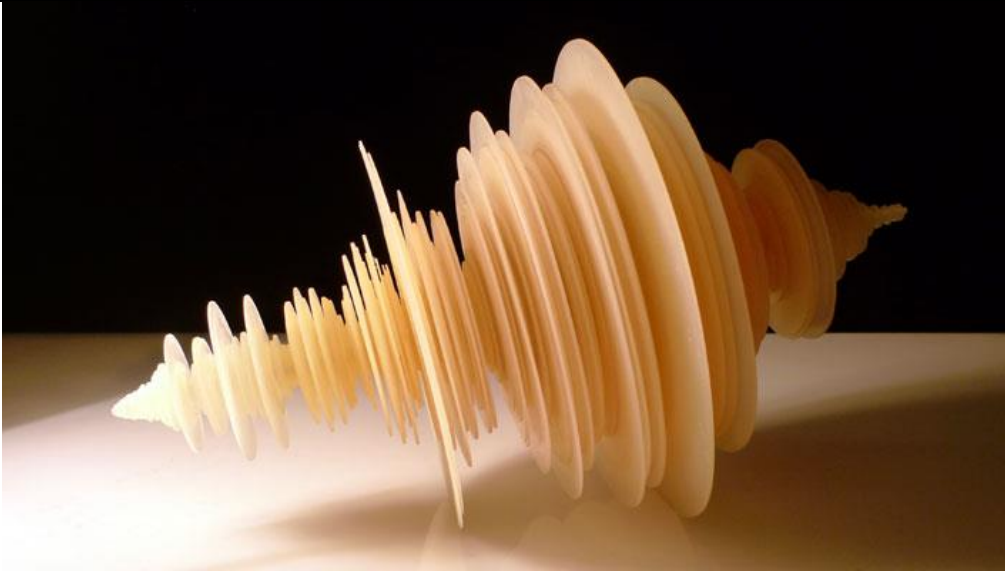


CMPT 767 – Visualization – Week 3 Journal – Physical Visualization

Date: 24th September 2019

Name: Anurag Bejju (301369375)

Visualization 1



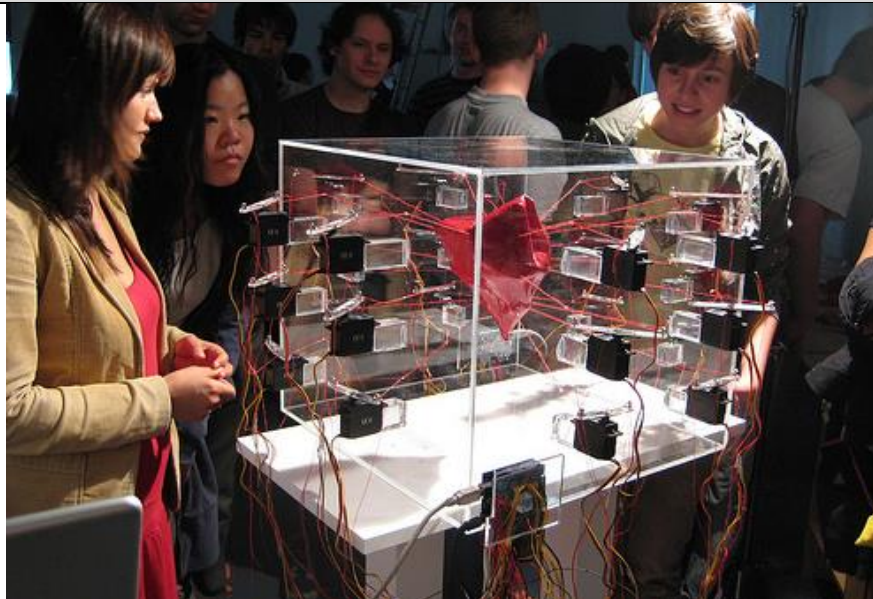
Opinion

I really like the data sculpture by Luke Jerram that depicts nine minutes of seismographic readings during the 9.0 earthquake.

Reference

<https://gizmodo.com/british-artist-remakes-nine-minutes-of-japans-destructi-5855077>

Visualization 2



Opinion

This is a live-visualization of emotional expressions (8 of them - joy, trust, fear, surprise, sadness, disgust, anger, and anticipation), written on private weblog communities. It analyses these blogs and dynamically change accordingly

Reference

<http://www.markuskison.de/kinetic.html>

Visualization 3



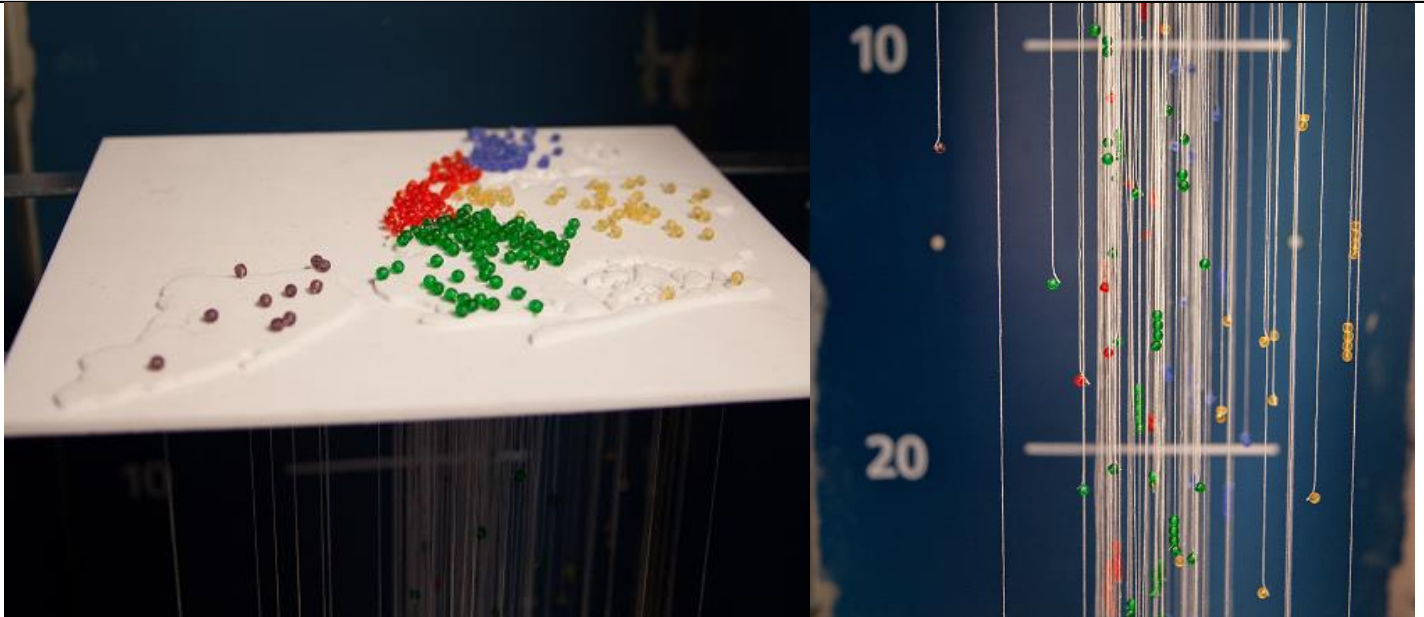
Opinion

This physical visualization called Prism shows migration patterns in America. Each Lego brick represents 10,000 people.

Reference

<https://flowingdata.com/2011/03/03/lego-cartograms-show-immigration-and-migration/>

Visualization 4



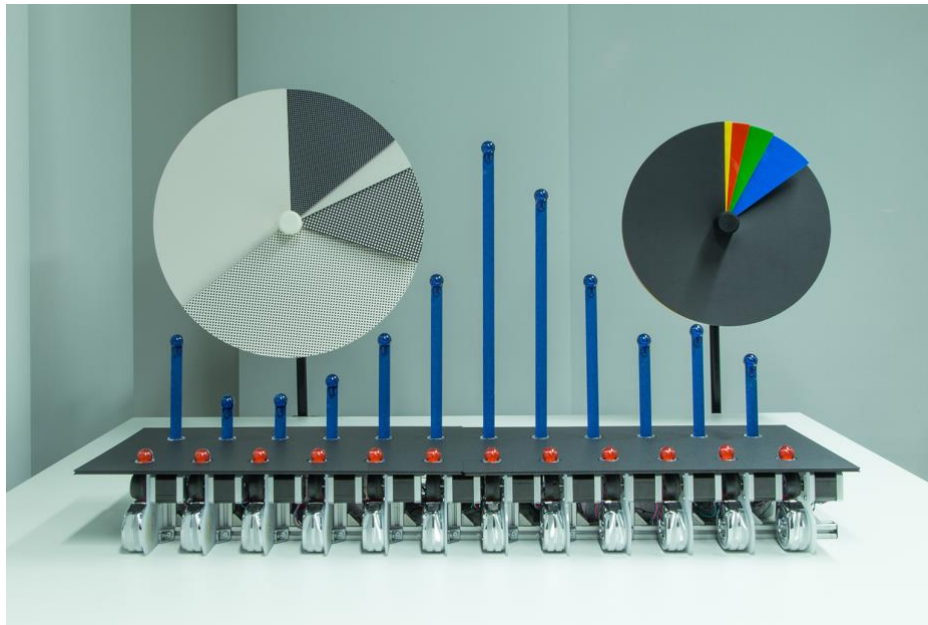
Opinion

This visualization is a combination of a 3D-printed relief map of New York City with beads where each bead represents one school location. Each bead on top of the relief map is connected to a string below whose length indicates the number of students who dropped out of that school.

Reference

<https://benkauffman.com/NYC-High-School-Dropouts>

Visualization 5



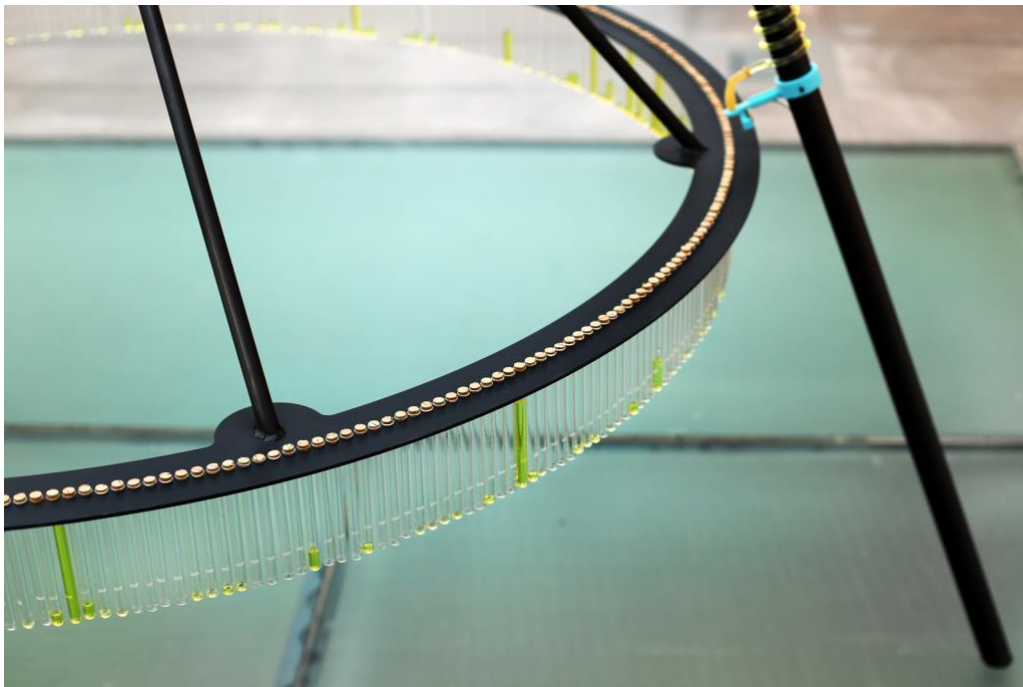
Opinion

This visualization is designed by Microsoft Research and uses beautiful, mechanically driven, physical charts to communicate data to people living or working on Tension Road in Cambridge, UK.

Reference

<https://www.microsoft.com/en-us/research/project/data-street-life/>

Visualization 6



Opinion

This visualization done by Domestic Data Streamers creates a real-time physical visualization of votes for a graphic design contest. A person can vote for a specific piece by sending a tweet, after which the machine releases a drop of yellow liquid and sends it to the corresponding test tube.

Reference

<http://dataphys.org/list/drip-by-tweet-each-vote-is-a-drop/>

Visualization 7



Opinion

This visualization uses 3500 hand-written toe tags representing the recovered body of a migrant who died while crossing the US/Mexico border

Reference

<https://www.undocumentedmigrationproject.com/>