

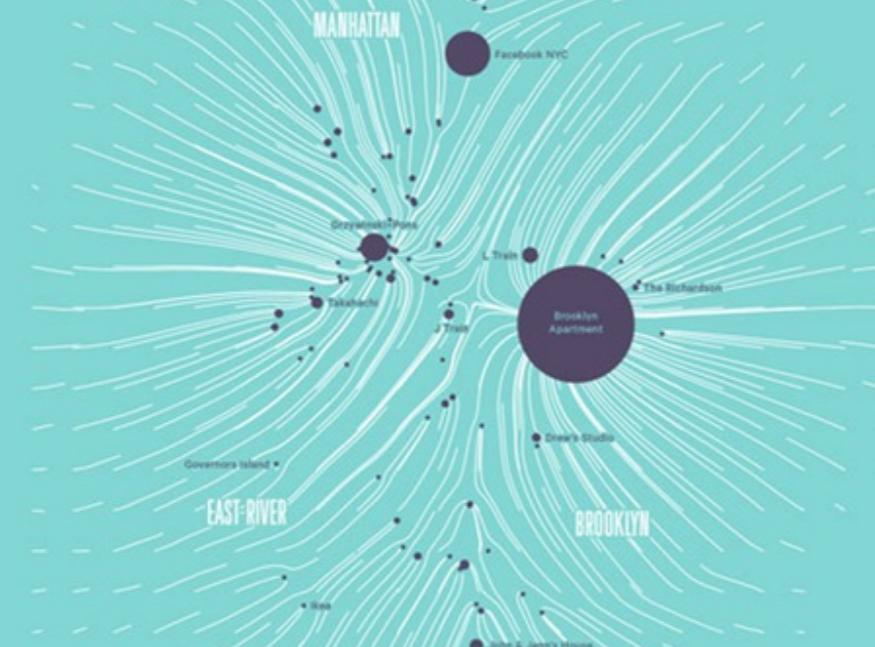
Expressing Data

XY Feng

Introduction

LOCATION

NEW YORK CITY



PLACES REPORTED

496

Transportation (x 104), restaurants (x 97), streets (x 47), stores (x 33), residences (x 32), outdoors (x 29), venues (x 26), bars (x 19), Facebook (x 19), hotels (x 18), offices (x 18), airports (x 14), coffee shops (x 8), museums (x 7), cinemas (x 6), landmarks (x 6), delis (x 5), homes (x 2), a bank, a bowling alley, a church, a hospital and a library

STATES REPORTED

FOURTEEN

Alaska, California, Illinois, Maryland, Michigan, Minnesota, New Jersey, New York, North Carolina, Oregon, Pennsylvania, Rhode Island, Virginia, Washington and Washington D.C.

FLYING VS DRIVING



AIRPORTS REPORTED

SIXTEEN

SFO (x 24), JFK (x 18), CLT (x 4), PDX (x 3), VVR (x 3), MUC (x 3), ANC (x 3), NRT (x 2), BEG (x 2), LAX (x 2), MSP (x 2), EWR, LHR, PAK, PVD and SJC

COUNTRIES VISITED

FIVE

Japan, England, Canada, Serbia and Germany

MOST REPORTED CITIES

Merlo Park	1,285
New York City	1,159
Palo Alto	931
Mill Valley	409
San Francisco	128
Minneapolis	63
Tokyo	49
Belgrade	40
Anchorage	37
London	33

DAYS INCLUDING A FLIGHT

49

Most frequent flight: VX29-JFK-SFO (x 7)

RESTAURANTS REPORTED

103

0.8% of all places reported

MOST REPORTED PALO ALTO RESTAURANT
FUKI SUSHI

7 reports

NEW YORK RESTAURANT REPORTS

FOORTY

Miller's Tavern (x 12), Takabachi Tribeca (x 7), Bonz (x 6), Diner (x 4), Dolek's (x 4), M Sheng-hai (x 3), Spice Market (x 3), Walter Foods (x 3), BAM cafe (x 2), Blouson Gums (x 2), DBCB (x 2), Dumont (x 2), Eataly Brievery (x 2), Fette Sau (x 2), L'Assou (x 2), Milk Bar Williamsburg (x 2), Parish Hall (x 2), Roehling Tea Room (x 2), Takabuchi Ave A (x 2), Vinegar Hill House (x 2), WDSO (x 2), Colonia, Deesder, Dumont Burger, Fanelli, Five Leaves, Ghent Brooklyn, Khao Sarn, La Superior, Les Halles-John Street, Lure, Made Fresh Daily, Marlow and Sons, Nha Tai, Qoo Robata, Rouge Tomato, Soggy's Good Food, Taro, The Good Fork and The Smile

BEST ASIAN FUSION IN A STRIP MALL
MOKOMANDY

Sterling, VA -- Dec 20, 2012 at 8:07 PM

DAYS WITH A REPORT AT HOME

310

85.7% of all places reported

MOST FREQUENTLY REPORTED LOCATION
PALO ALTO BEDROOM

502 reports

MOST REPORTED HOME LOCATIONS

Bedroom	679
Living room	343
Dining room	107
Bathroom	58
Kitchen	32
Stairs	30
Stairwell	6
Roof	3
Garage	3
Courtyard	2

AVERAGE REPORTS AT HOME PER DAY

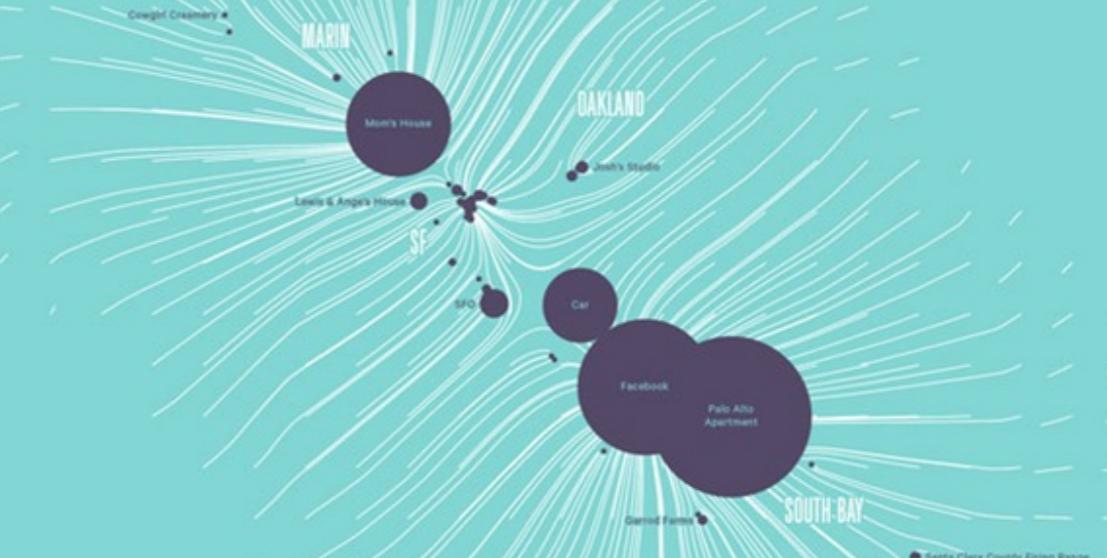
FOUR

32.8% of reports

DAYS WITH A HOTEL REPORT
FOURTY-SEVEN

At 19 different hotels

THE BAY AREA



REPORTS AT WORK

1,268

26.7% of reports

MONTH WITH MOST REPORTS AT WORK
FEBRUARY

207 reports

MOST REPORTED WORK LOCATIONS

Desk	731
Conference room	206
Co-worker's desk	97
Cafe/B	54
Gym	45
Hallway	34
Parking lot	27
Courtyard	22
Epic Cafe	22
Orange	20

CONFERENCE ROOMS REPORTED

SIXTY-TWO

Option Value (x 35), The Aquarium (x 17), Minerweeper (x 14), Apothecary Aristotle (x 11), Cherries Garcia (x 11), PC Load Letter (x 9), Canada (x 8), Skor Bar (x 8), Graph Coloring (x 7), Berried Treasure (x 6), Do NOT ACCESS_ME, OH_YOU_WILL_BE_FIRED (x 6), IO Error (x 4), It's Miller Time (x 4), Naming Conference Rooms (x 4), Son of Ping and Pong (x 4), American Dream (x 3), Dumb Dumb (x 3), Off by One (x 2), Trokilo (x 2), 156 University (x 2), 3-Sat (x 2), Cartography (x 2), Phish Phood (x 2), Pina Pancalata (x 2), Thighmaster (x 2), ballroom, OnDeadbed, Animal, Anonymous, Be Open, Beaker, Bubblesort, Cognito, Conceivable, Cookie Monster, Eat Legs Star Destroyer, fall on future=true, Finote, Genius, Holy Hand Grenade of Antioch, Imagine Whirled Peace, LIPPy Sour, Live From New York, Max Cut, Mens, Nuts, Out of Memory, Pennywise, R-Guitar, Ruby on the Rocks, Pop-Plop, Snapple, Taxt, The BeatTTYLA, Traveling Salesman, Vertex Coloring, Waldo!, Wall-E, XOXO Gossip Girl and Yip Yips

CONFERENCE ROOM REPORTS PER DAY

ABOUT ONE

16.2% of work reports

REPORTS AT A STANDING DESK
SEVENTEEN

2.0% of desk reports

REPORTS IN CAR

LIBRARY REPORTED

185

4% of reports

RISD FLEET LIBRARY
Providence, RI -- Jun 1 (x 2)

MUSEUMS REPORTED

SEVEN

Walker Art Center (x 12), Brooklyn Museum, Governor's Island Building 100, London Science Museum, MoMA, Point Reyes Information Center and SF MoMA

SAFeway
Middlefield Road, Palo Alto (x 8)

BOWLING ALLEY REPORTED
BEL MATEO BOWL

Sausalito, CA -- Nov 5 at 6:08 PM

AVERAGE TEMPERATURE

58.7

°F

Average wind gusts 4 MPH

COLDEST TEMPERATURE
14.3°F

Brooklyn, NY -- Jan 4 at 7:07 AM

HOTTEST TEMPERATURE

102.2°F

Brooklyn, NY -- Jul 7 at 1:42 PM

HIGHEST ALTITUDE

7,989 FT

El Dorado National Forest -- Aug 25 at 6:13 PM

MOST COMMON WEATHER CONDITION
CLEAR

37.1% of reports

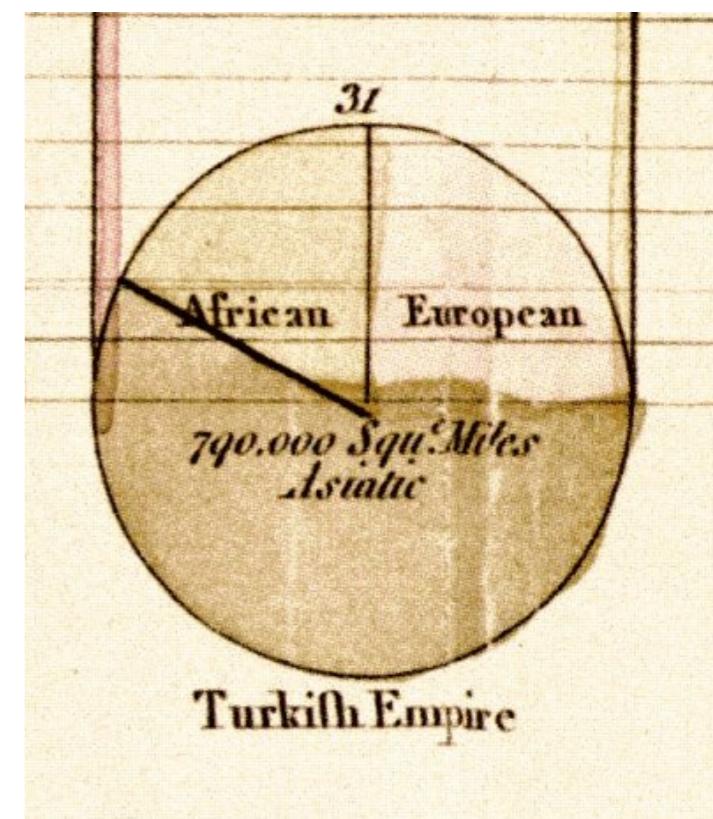
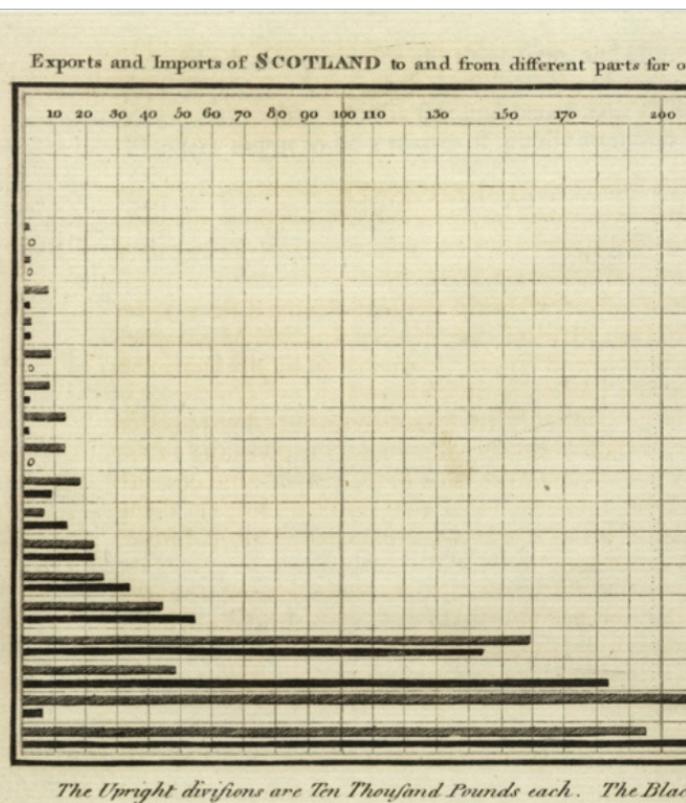
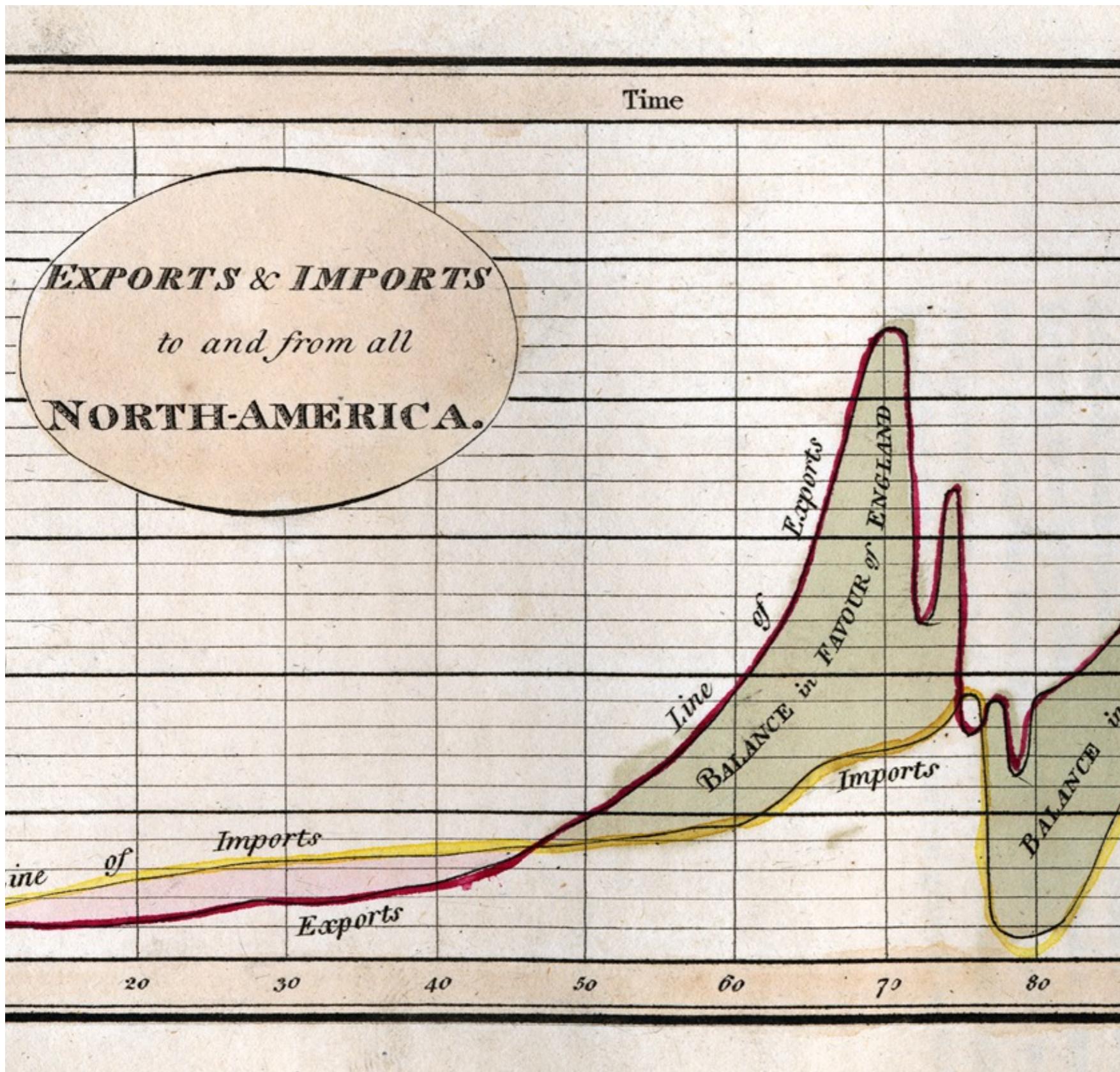
LOUDEST LOCATION
THE INDEPENDENT

Chairlift Show -- Apr 30 at 10:08 PM

Annual Report, 2012

Nicholas Felton
[link](#)

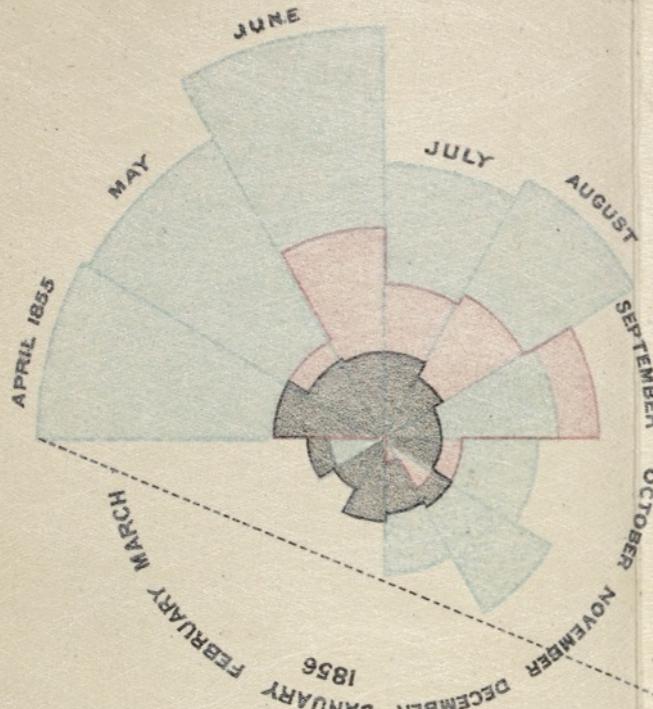
Research



William Playfair
[link](#)

Problem Solving

2.
APRIL 1855 TO MARCH 1856.



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 Preventible 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^r 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.

DIAGRAM OF THE CAUSES OF MORTALITY IN THE ARMY IN THE EAST.

1.
APRIL 1854 TO MARCH 1855.

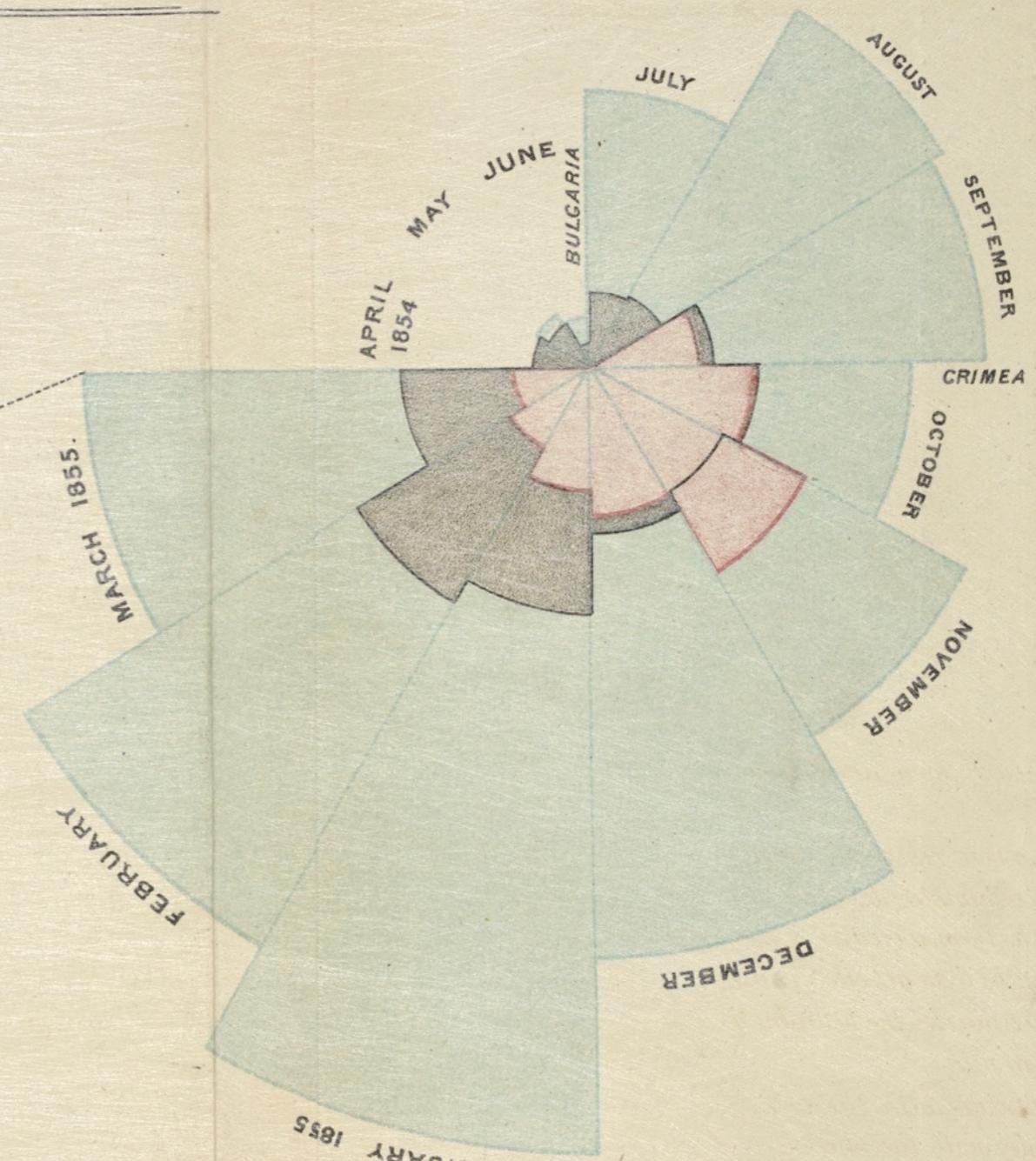
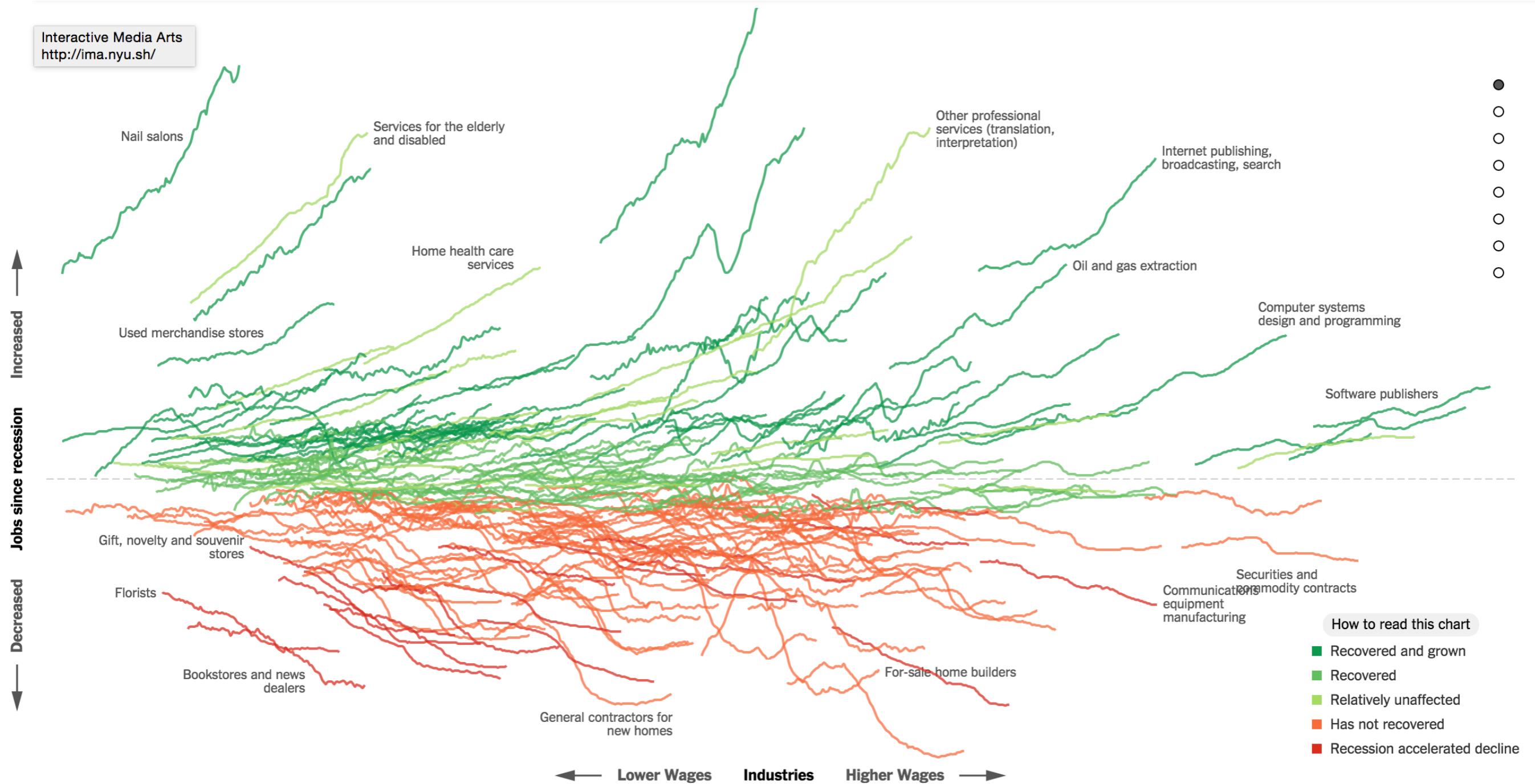


Diagram of
the causes of mortality

Florence Nightingale
[link](#)

Story Telling



Interactive Story

NYTimes
[link](#)

Expressive Art



Jumping The Great Firewall

Columbia University
[link](#)

Principles

Start with a
Question / Purpose



A MORE PERFECT UNION

Luke Dubois

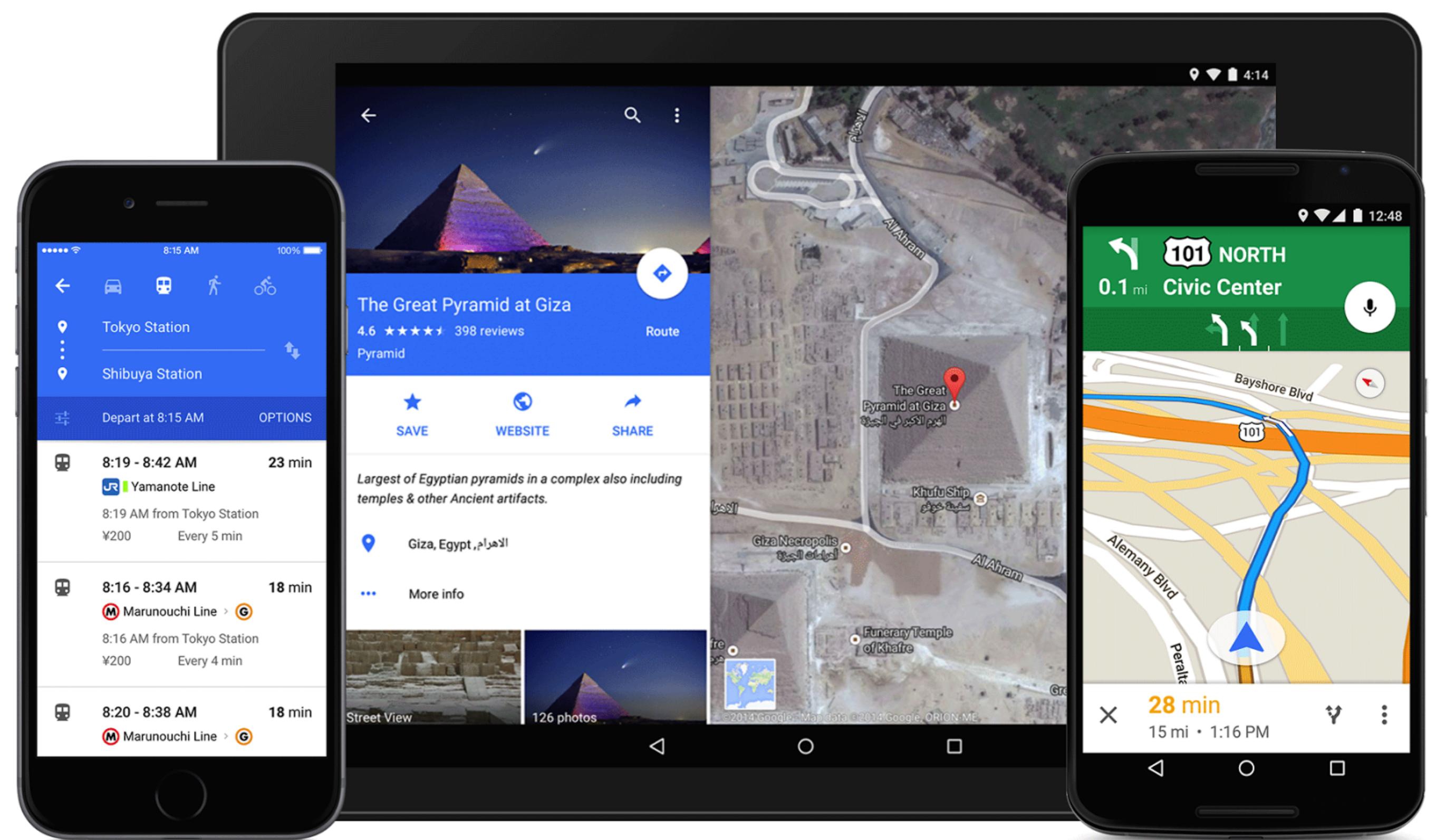
Data without Analysis
is Meaningless



9/11 Memorial Names

Jer Thorp
[link](#)

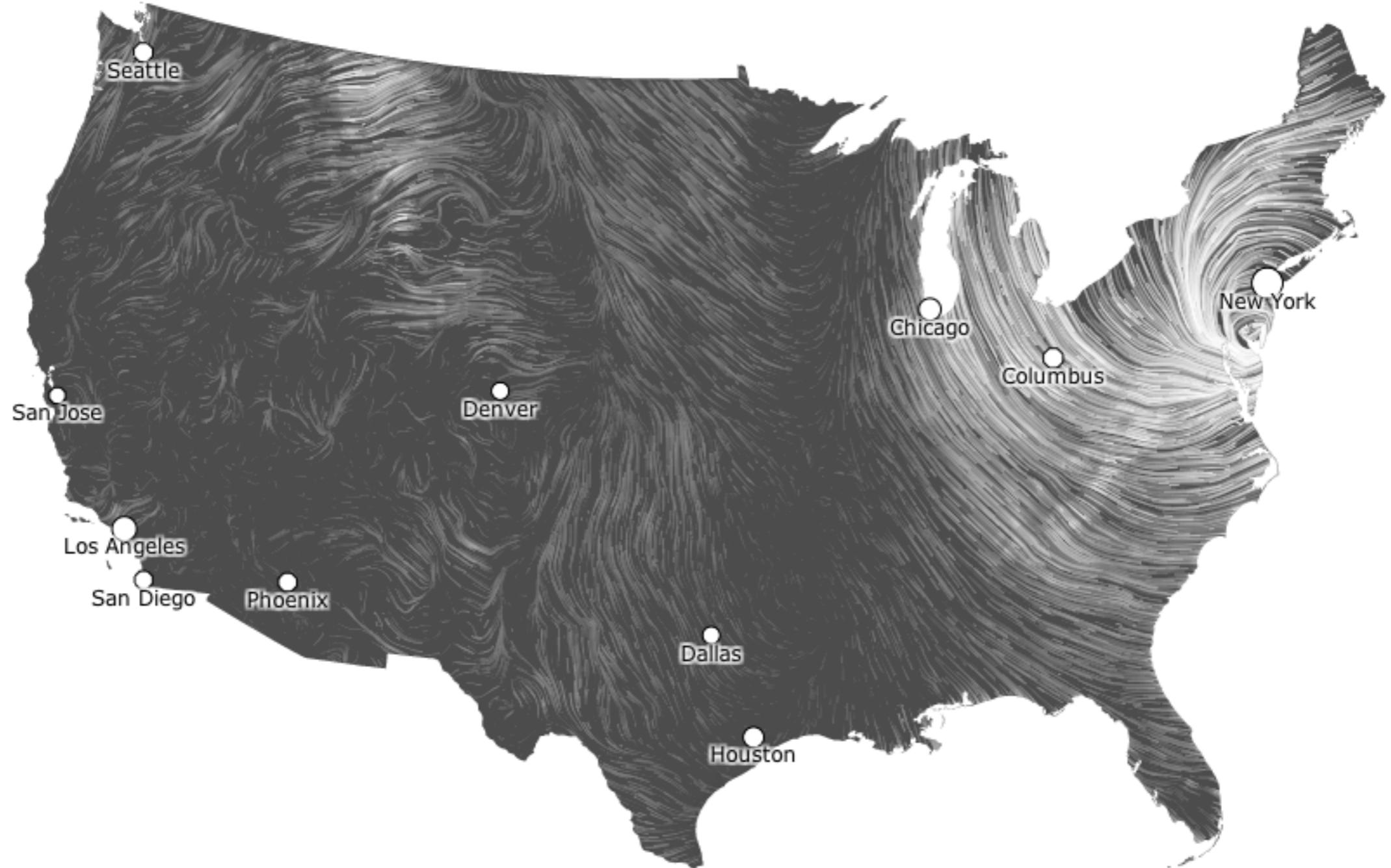
Think about
the canvas



All devices

Google Maps

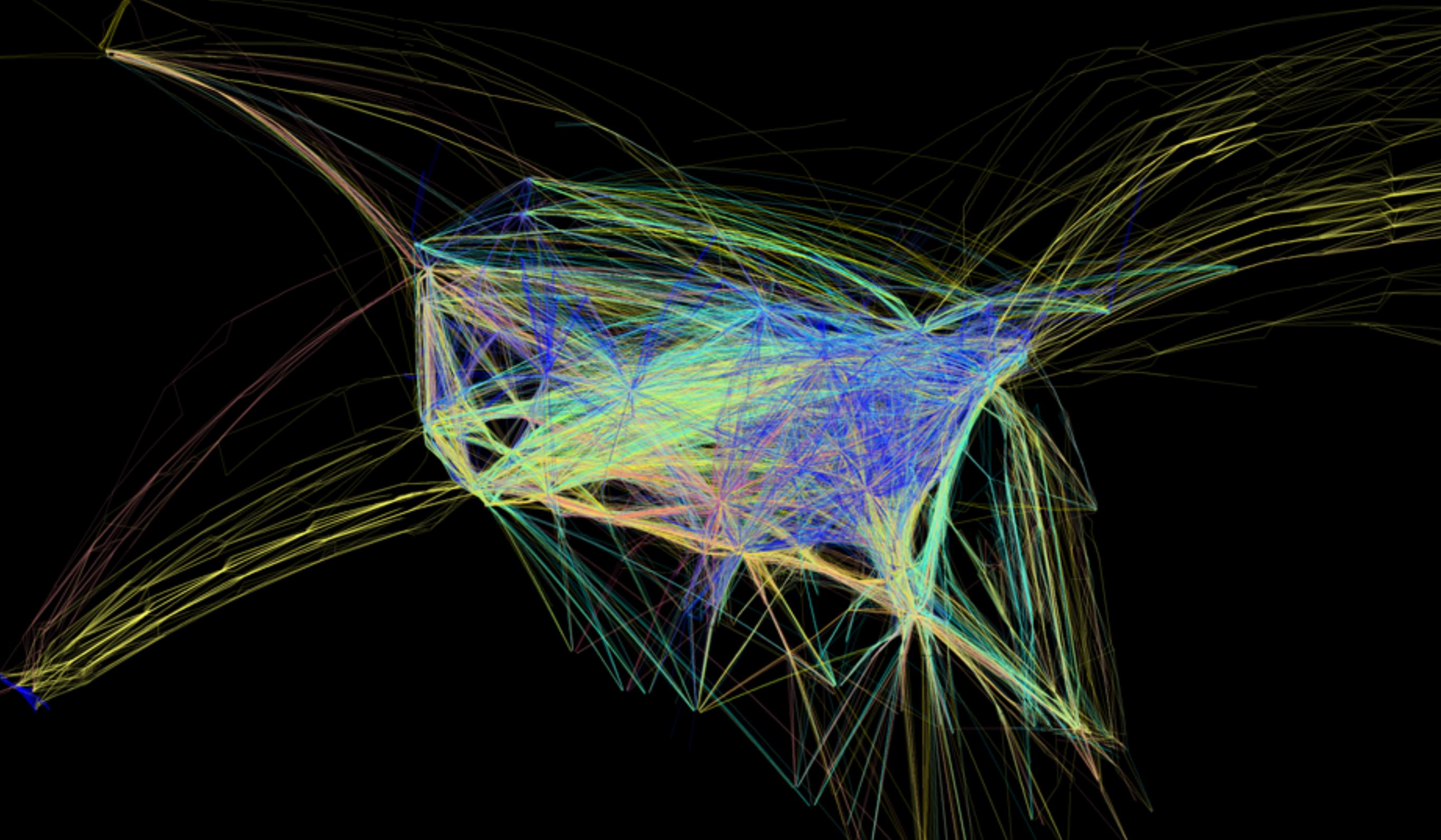
Data is Changing
Constantly



Wind Maps

HINT.FM
[link](#)

Avoid
Conventional Diagrams



Pattern

Aaron Koblin
[link](#)

Process

Acquire

Analyze

Filter

Represent

Refine

Interact

Monday, November 11th 2013

🕒 2:46 pm

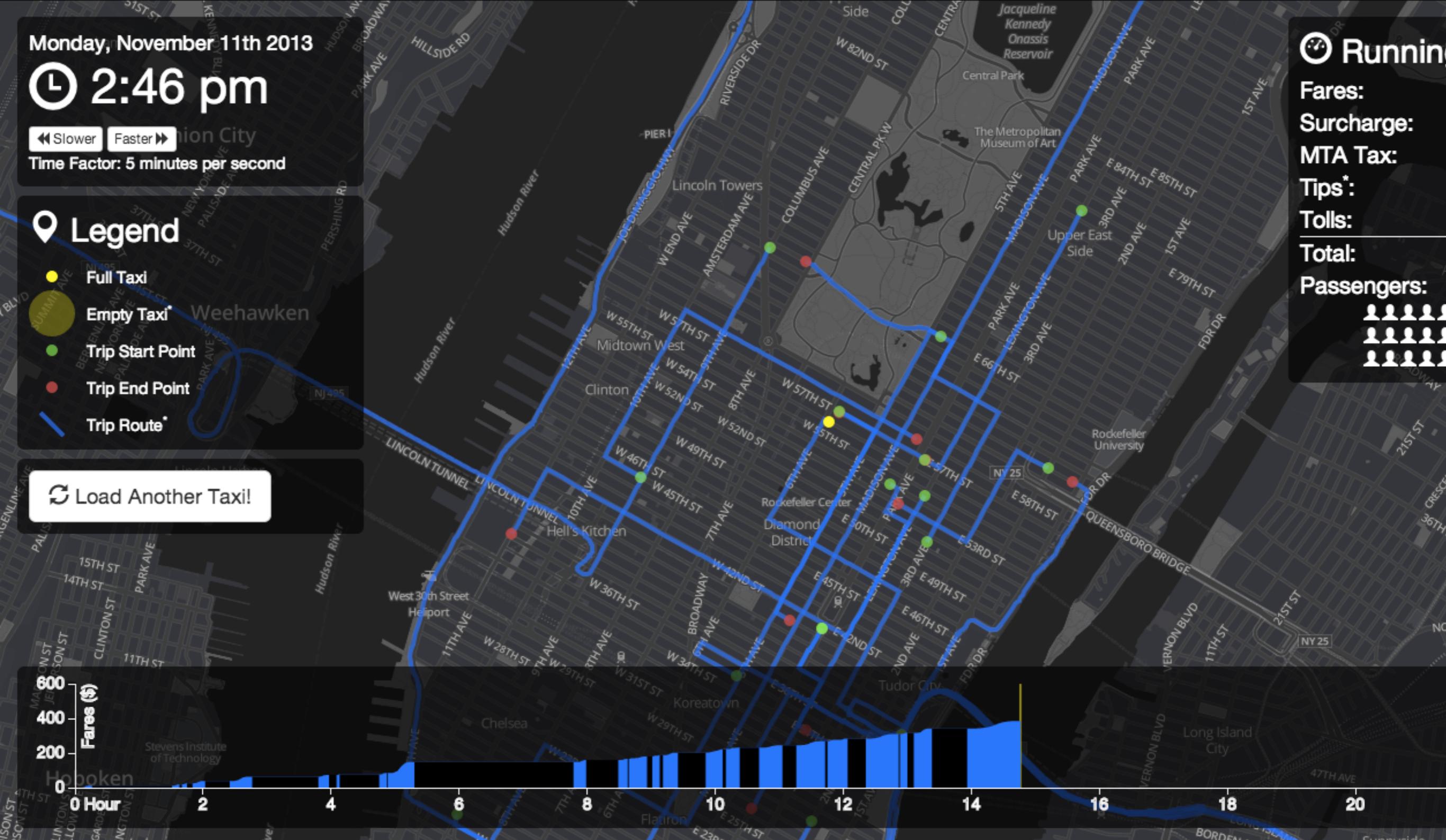
◀ Slower Faster ▶

Time Factor: 5 minutes per second

📍 Legend

- Full Taxi
- Empty Taxi*
- Trip Start Point
- Trip End Point
- Trip Route*

⟳ Load Another Taxi!



NYC Taxis
A Day in the Life

Chris Whong

🕒 Running

Fares:

Surcharge:

MTA Tax:

Tips*:

Tolls:

Total:

Passengers:



Equality

Floodwatch

The O-C-R
[link](#)

“Let’s turn data into a verb. I data you, you data me, they data us, we data them...

If we verbified data, rather than having to say that the NSA is collecting data on our every interaction, movement and metabolic function, we could simply say: They data us.

Data is not inert, yet its perceived passivity is one of the most dangerous properties. When we are warned that a government is collecting data about its citizens, we may be underwhelmed specifically because this act of collection seems to be so harmless, so indifferent.

Putting an active form of the word data into common parlance could serve as a reminder that the systems of data collection and uses are humming with capacity for influence, action and violence.”

-Jer Thorp

“In our lived data experiences we are objects, rather subjects. Google reads our every e-email, placing us ingloriously in marketing buckets based on what we write to our friends, colleagues and lovers. Uber’s algorithms note our late night voyages as records of romantic trysts. They data us, then they data us again.

Even the innocent fitness tracker, on paper an embodiment of ‘I data myself,’ isn’t so much about quantified self as it is about quantified selves, less a tool for individuals to track their own beating hearts than a system to find an aggregated 24-year-old Bay Area resident that can be marketed against...”

—Jer Thorp

“...I think there is a massive inequality between information that services, companies, and governments have about people versus what individuals have access to. That needs to at least be made level...

I’m trying to lift the veil on the size, power, humanity, humor, and narrative potential of our data by making tools that allow people to leverage it. I hope that by making people more aware of data and its value, it will have consequences in terms of what services, companies, and governments do with it and how they share it.”

–Nicholas Felton

[link](#)

What if we can sell our own data?

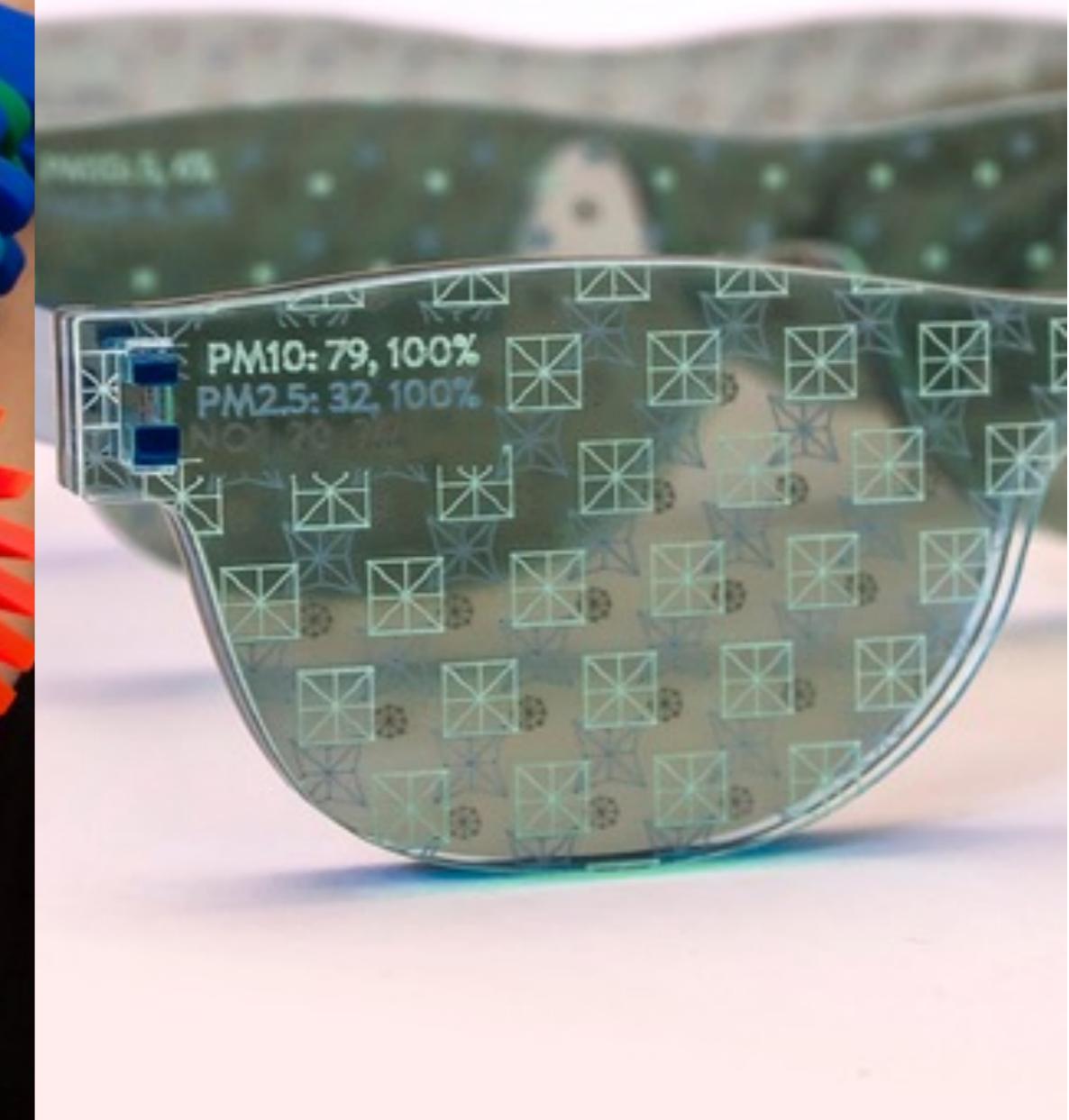
Schedules

Schedules

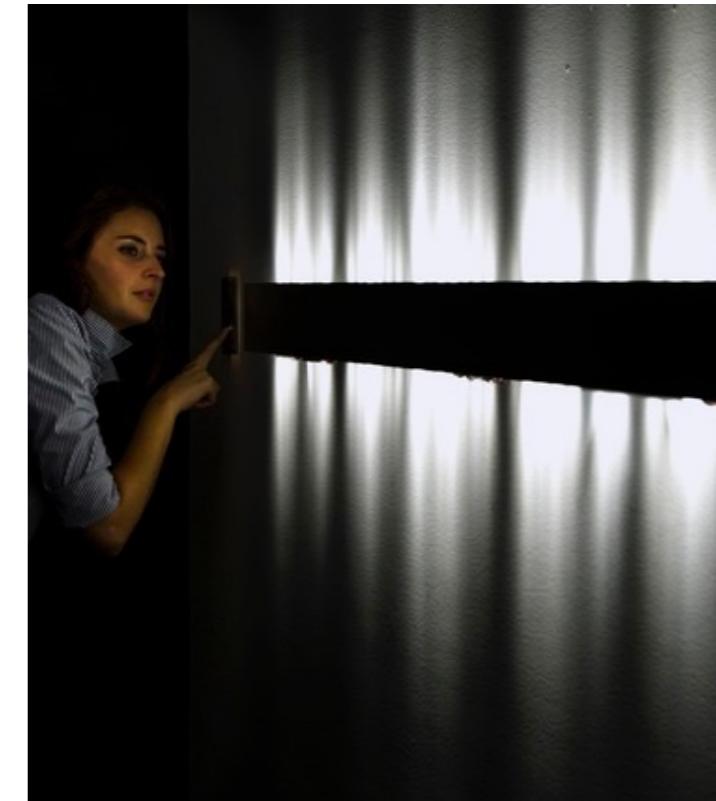
- Week 1~2
- Week 3~4
- Week 5~6
- Week 7



Air Transformed



Stefanie Posavec & Miriam Quick
[link](#)



5 senses

Assignment