



Data Storytelling Studio
participatory data games

CMS.631/831
Rahul Bhargava



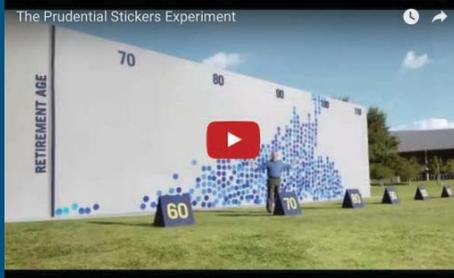
Agenda

- [30] Inspirational examples
- [15] Readings
- [15] Brainstorm
- [15] Datasets and team-forming

Real World Examples

Courtesy of [Nancy White](#) on Flickr, license CC BY NC SA.

© Prudential. All rights reserved. This content is excluded from our Creative Commons license. For more information, see <http://ocw.mit.edu/help/faq-fair-use/>



Prudential Stickers Experiment



Spectrograms (Aspiration Tech)

SCAP YRBS Data Game

What percent of Somerville middle school students did NOT drink alcohol during the past 30 days?

- a) 46%
- b) 61%
- c) 79%
- d) 91%

Somerville Cares About Prevention.
Courtesy of City of Somerville. Used with permission.



Migration Board Game (Data Studio course 2016)
Courtesy of MIT students. Used with permission.

[Biking to a Healthier MIT](#) (Data Studio course 2016), using Hubway data to create an interactive video game.

Spectrogram

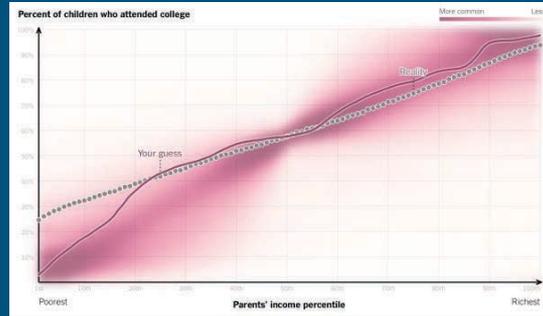
- [30] Inspirational examples
- [15] Readings
- [15] Brainstorm
- [15] Datasets and team-forming

Digital Inspirations

Upper left © Atlantic Monthly Group; upper center and upper right © New York Times. All rights reserved. This content is excluded from our Creative Commons license. For more information, see <http://ocw.mit.edu/help/faq-fair-use/>



[Super Campaign Dodger](#) *The Atlantic* (2/2016)



[You Draw It](#) *New York Times* (5/2015)

Party, Gender, Whiskey: How Campaigns Place Ads to Reach New Hampshire Voters

By NICK CORASANTI and JOSH KELLER FEB. 9, 2016

A who prefers , has in the house, goes to church , consumes media mostly on and graduated from .

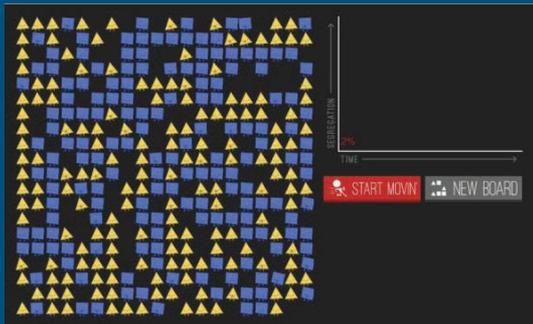
A political firm thinks this New Hampshire voter might watch

THE GOLDBERGS

and watch other shows on this network:

TNT

[Party, Gender, Whiskey](#) *New York Times* (2/2015)



[Parable of the Polygon](#) *Vi Hart & Nicky Case* (2/2016)

Public domain image.

[SNAP Judgements](#) - 2015 *Data Studio* class project, a text-based game about the Supplemental Nutrition Assistance Program

Readings: Engagement Games

- How do "engagement games" differ from other types of social games for change?
- How do you assess if an "engagement game" is working?
- What kind of problems are well-suited to an "engagement games" approach?

Grad Reading

Student

- MyPosition



Brainstorm Activity

- Make small groups
 - Take a look at the [Somerville Tree Data](#) again
 - Brainstorm a data-game you could make for a specific audience and a goal in mind
 - Present it back to us in 1 minute
 - You have 10 minutes
-

Suggested Datasets

[Kyoto Flowering Dates \(info\)](#)

[Sea Ice Coverage](#)

[Fuel Economy Measurements](#)

[Hubway Data](#)

[Somerville](#) or [NYC](#) Tree Data



Team Forming

Find people to work with

What do you know?

What do you want to make?

What dataset are you interested in?



MIT OpenCourseWare
<https://ocw.mit.edu/>

CMS.631 Data Storytelling Studio: Climate Change
Spring 2017

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>.