

Team Name: baseFunctionality

Team Members: Wilson Berkow, Chloe Delfau, Lawrence Liu, Fortune Soleil

Project: Stuy Diversity - Creating graphs and representing data of Stuyvesant students' races and ethnicities.

We will bring this data alive by drawing sets of bubbles representing the frequency of each demographic group in a part of the school system--one set for the whole DOE, one set for Stuyvesant, and sets for the boroughs. The page will visualize these bubbles changing in size over time.

It will use dots to represent individual students, moving from the DOE-wide bubbles to the Stuy-specific bubbles representing how many students are admitted from each demographic group.

Sources

- Stuy demographic data from the Spectator:
<http://www.stuyspec.com/news/deconstructing-race-at-stuyvesant>
- NYC school system demographic data from the DOE:
<http://schools.nyc.gov/Accountability/data/default.htm> (specifically [this spreadsheet](#))

Components

- HTML
 - index.html = Flask + Jinja
- Python
 - app.py = converts csv data
- JavaScript
 - bubbles.js = D3 + SVG
- CSVs
 - Student demographic data

Roles

Lawrence: Project Manager + D3

Chloe: Python backend + D3

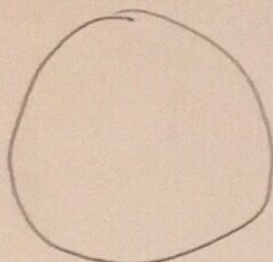
Wilson: Javascript + D3

Fortune: Flask/other things maybe + D3

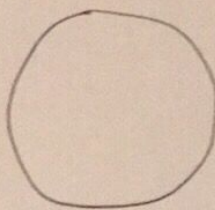
Site Map

Text or something — description of
data set and/or findings?

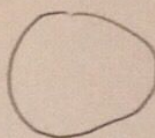
DOE



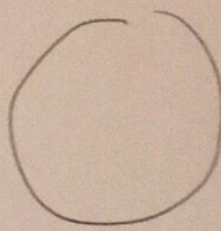
Each



Demographic

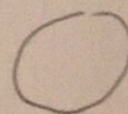
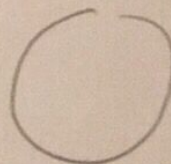
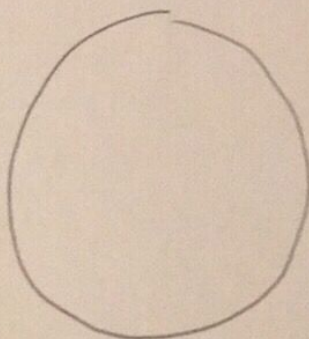
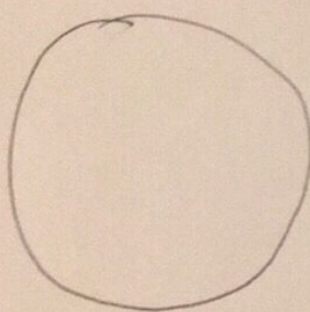


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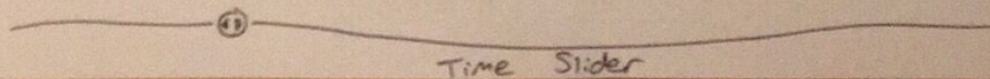


bubble

Shy



Manhattan, etc.



Time Slider