

### 3 Ideas for Final Project for DVIA2018:

- What are some observations you find noteworthy?
  - What insights could this offer?
  - How is it related to visualization, what can visualization reveal here?
  - What new ideas came out of the process of sketching and research?
  - What are the next steps?
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I work full-time at an LGBTQ health clinic as the Manager for TGNB Programming where I specialize in transgender health access and social services. I do everything from patient support and education to program development, health policy, research, and training and technical assistance. Our trans patient population is above 5000+ making it the largest trans medical practice in the country, if not the world, so there is plenty of data where I work, and very little data in the wider world to use due to the historic lack of interest in trans people. This is a good opportunity to take a deep dive at demographics, diagnoses, and other social determinants of health to look for trends. To that end, I have two proposals (without sketches).

\*\* There is a dataset that does look at the changes in our world over time with very useful data over time on the "Our World In Data" website. This might be an interesting data source to bring into any project I end up working on.

Overall Data Source  
<https://ourworldindata.org/>

## 1) Visualize 2015 National US Trans Discrimination Data

The National US Trans Discrimination Survey completed in 2015–2016, is hands down the largest data set of transgender people in existence, with over 28,000 participants who commented on their experiences with discrimination over their lifetimes.

### Data Source

- <http://www.ustranssurvey.org/>

### Data Requests for Students

- <http://www.ustranssurvey.org/datarequest-approval-criteria-for-academic-and-researchrelated-institutions>

- If I can't get a csv file from them, I will need to create my own.

The categories of covered by the study are vast and reveal a lot about the current state of transgender and non-binary people living in the United States. **They include:**

- Family Life and Faith Communities
- Identity Documents
- Health Insurance and Health Care
- Psychological Distress and Attempted Suicide
- HIV
- Experiences in Schools
- Income and Employment Status
- Employment and the Workplace
- Housing, Homelessness, and Shelter Access
- Sex Work and Other Underground Economy Work
- Police Interactions and Prisons
- Harassment and Violence
- Places of Public Accommodation
- Experiences in Restrooms
- Civic Participation and Party Affiliation

**Break Out Reports of Experiences in National Report include:**

- Military Service
- Bisexual Trans People
- US State
- People of Color (POC)
  - Black
  - Latino
  - API
  - American Indian/Alaskan Native

### **Proposed Sketch**

US Map with links to data & pop ups etc.

## **2) Visualizing Perceptions of Sex by Trans patients at Callen-Lorde Community Health Center**

Confidential file via CLCHC Population Health Department showing 2017 data for trans ID'd patients about their perceptions of what sex is,

how they have sex, and STI risk. There is no other data available like this.

**Data Source:**

It's a local csv file that includes chart reviews of "Active Patients" (a patient seen within the past year), totaling over 4500 patients.

**Proposed Sketch**

Diagrammatic website with mouse events & popups

### 3) Soundwaves: Current Club Sounds

I have had a longstanding academic, artistic, and personal interest in studying the influence of cultural production practices on social norms and changes in cultural attitudes. I may sound a bit naive or romantic, but I really do believe that social and political progress has and continues to evolve from the existence and proliferation of music and art subcultures (like the Beats, Hippies => growth of cynicism & calls for transparency, etc.), and my interest has grown to look more deeply at the Internet's influence on speeding up this process.

I've always wanted to map out all of the activity happening in the nightlife & music scenes I've been a part of for so long because of the focus on creating "safe spaces" for queer and trans POC to come and feel free. The larger music and art culture media began to take a closer look at our world and suddenly our experience became of interest from a larger audience. Nationally, there has been a move towards hybridity in people, cultures, languages, religions, music, and art via the influence of the Internet and thus "Internet Culture", so our nightlife scenes also began to congeal under a single aesthetic as well as sound, and sociologically I think it's worth a deeper look.

**Source Ideas**

- 2011 <http://rougesfoam.blogspot.com/2011/01/artl-night-slugs.html>
- 2015 <https://www.thefader.com/2015/07/09/system-focus-cybernetic-club-music>
- Loudness Wars: [https://en.wikipedia.org/wiki/Loudness\\_war](https://en.wikipedia.org/wiki/Loudness_war)
- Sound System Culture: [https://en.wikipedia.org/wiki/Sound\\_system\\_\(Jamaican\)](https://en.wikipedia.org/wiki/Sound_system_(Jamaican))
- 2017 <https://www.redbull.com/us-en/how-jamaican-soundsystem-culture-conquered-music>

**Proposed Sketch:**

Trigger clips and run through online Spectrogram filter or Ableton?  
Something like this, but can definitely change it up!

