Mock Showcase

DSC 106: Data Visualization

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Announcements

Today: Mock Final Project showcase

Fri Mar 14: Final Project video highlights

Mon Mar 17: Final Project due

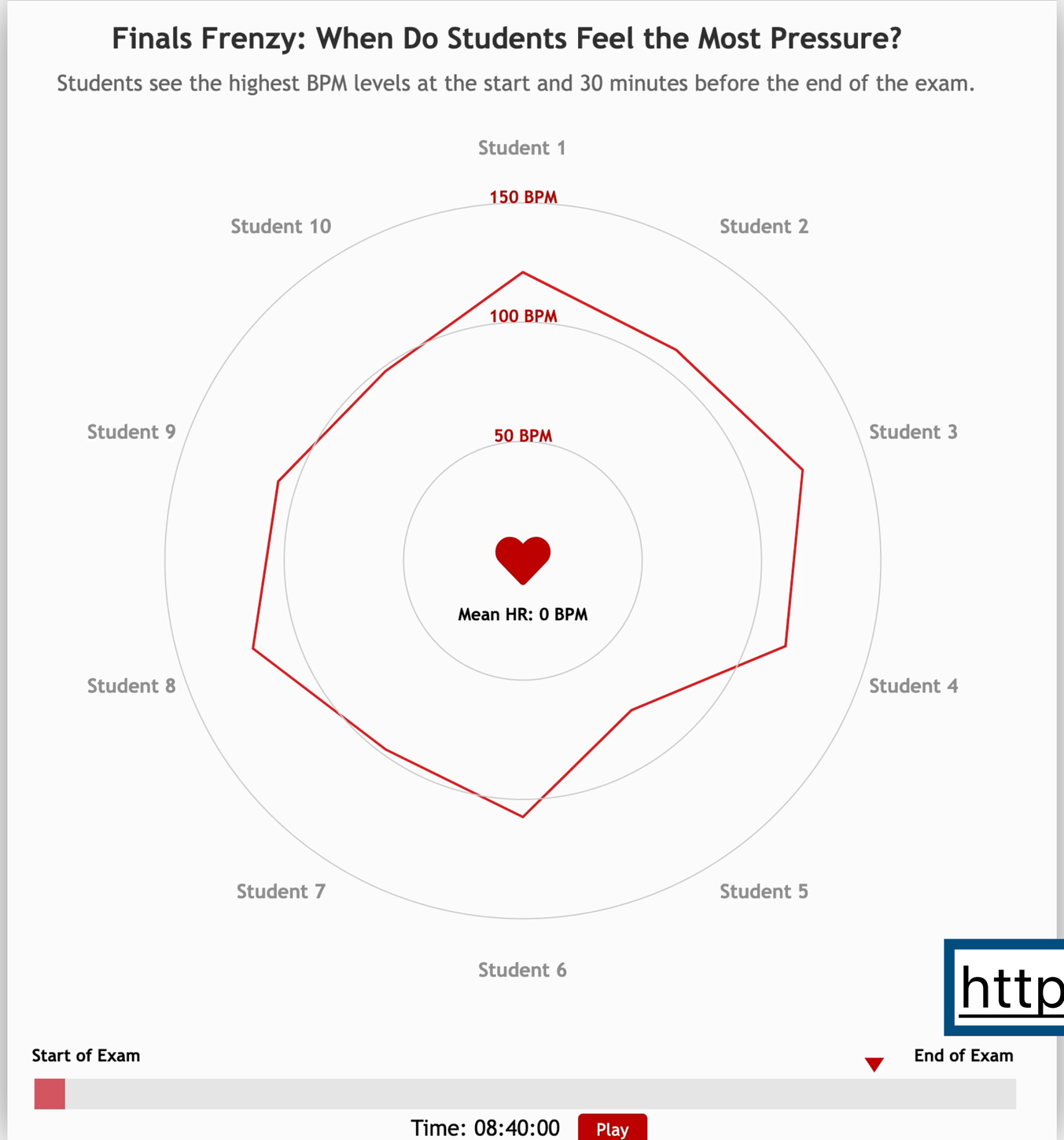
Tue Mar 18: Final Project Showcase

You should have gotten an email about showcase logistics. If you didn't, email our TA Giorgia ASAP.

Project 3 Best Project Awards

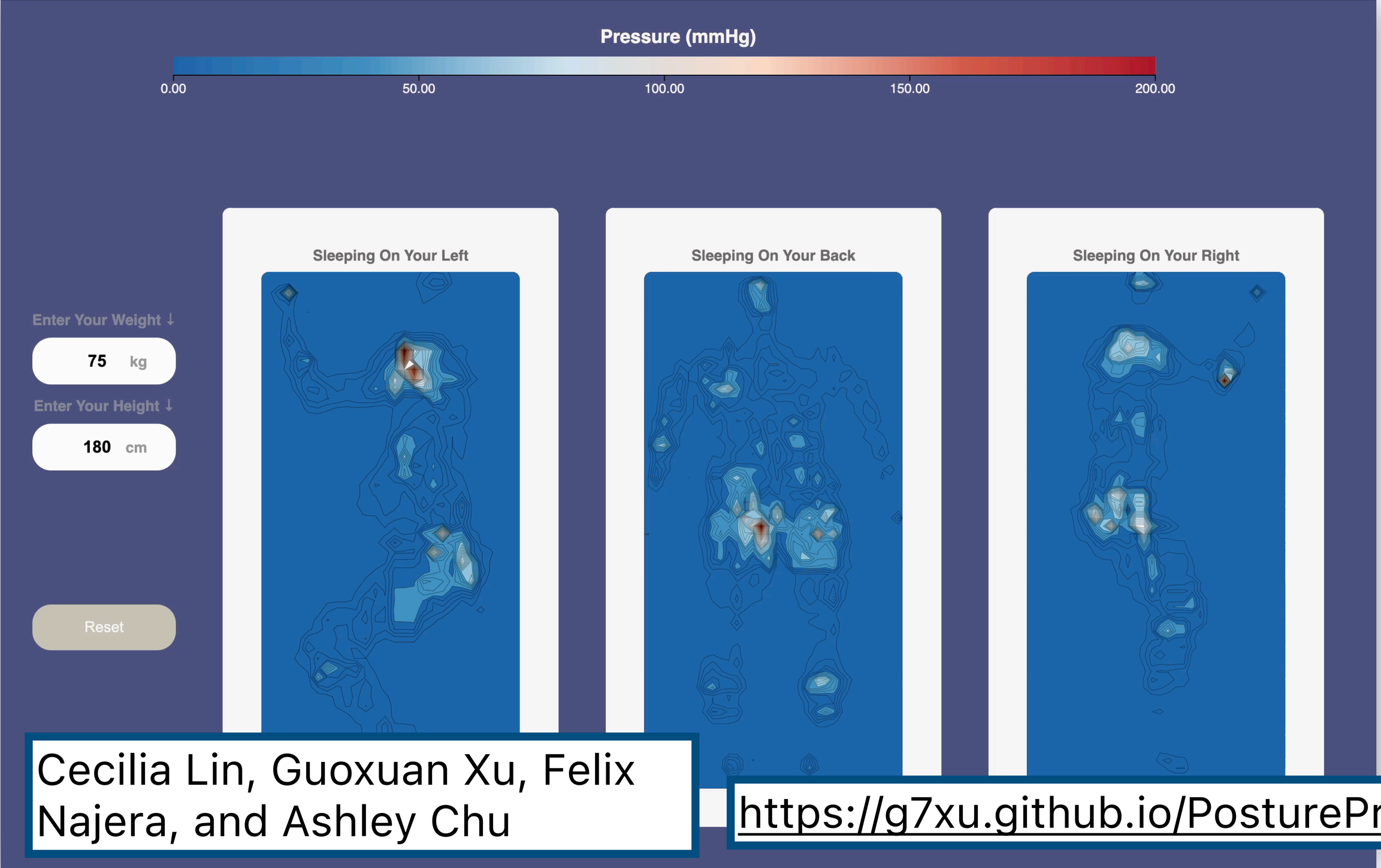
Given to 8% of project submissions, chosen by me and Ben

Include this on your resume!



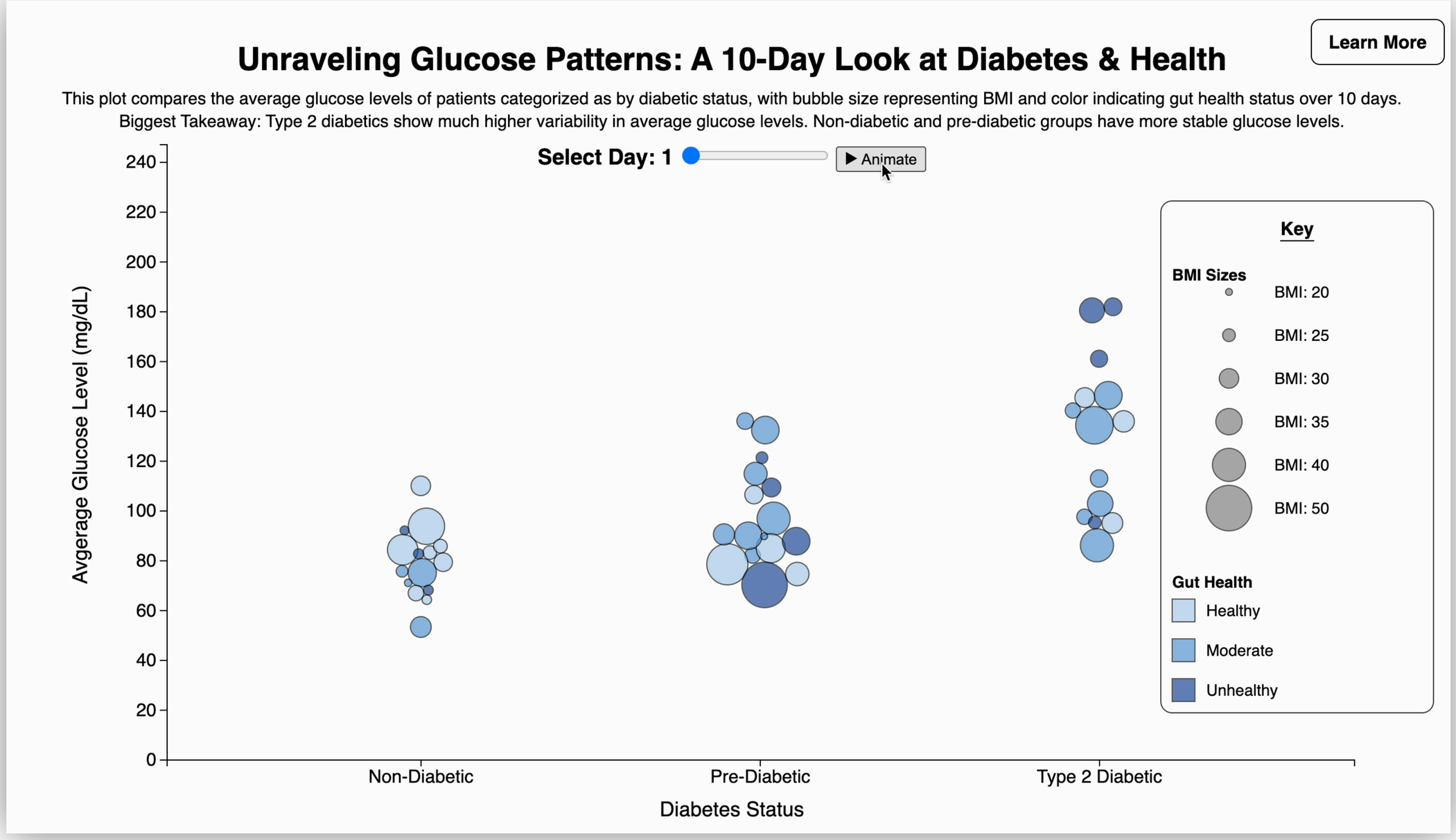
Alyssa Tallada, Katelyn Villamin, Nancy Shen, and Ryan Ly

https://nglyry.github.io/dsc106-proj3/



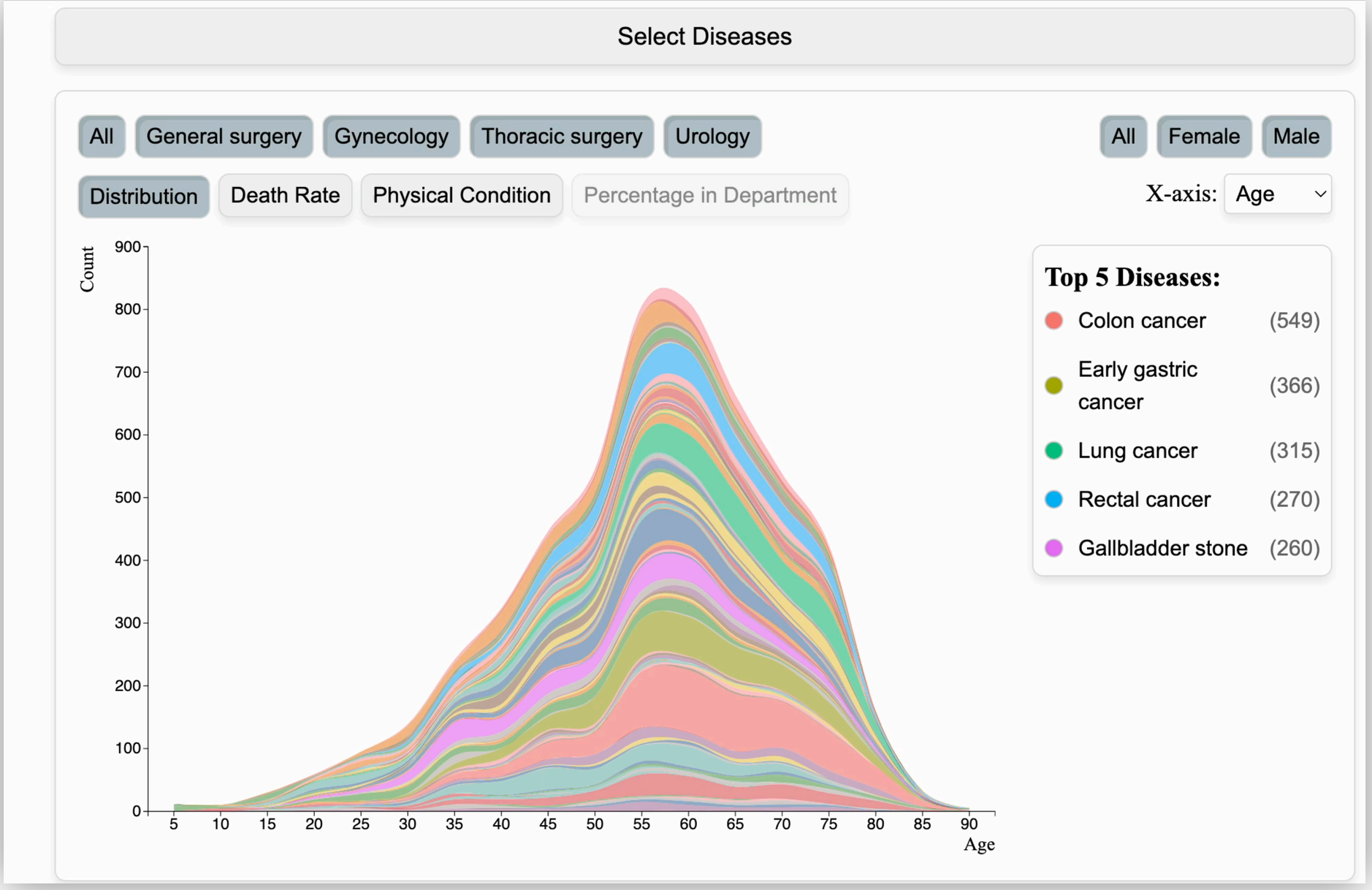
Cecilia Lin, Guoxuan Xu, Felix Najera, and Ashley Chu

https://g7xu.github.io/PosturePress/



Avi Mehta, Idhant Kumar, Kevin Souder, and Neil Dandekar

https://neildandekar.me/glucose-levels-visualization/



Hargen Zheng, Kaijie Zhang, Minghan Wu, and Rihui Ling

https://hgnzheng.github.io/CopyPasta/

How good are humans at gauging their actual vs. perceived stress?

Hongn, A., Bosch, F., Prado, L., & Bonomini, P. (2025). *Wearable Device Dataset from Induced Stress and Structured Exercise Sessions* [Data set]. PhysioNet. (Version 1.0.0). https://doi.org/10.13026/zzf8-xv61

Understanding how well people can assess their own stress levels is crucial for mental health awareness and effective stress management. While we often rely on self-reported stress measures, these subjective assessments may not always align with our body's physiological response to stressful situations. This disconnect between perceived and actual stress levels can impact our ability to recognize when we need to take action to manage our stress effectively.

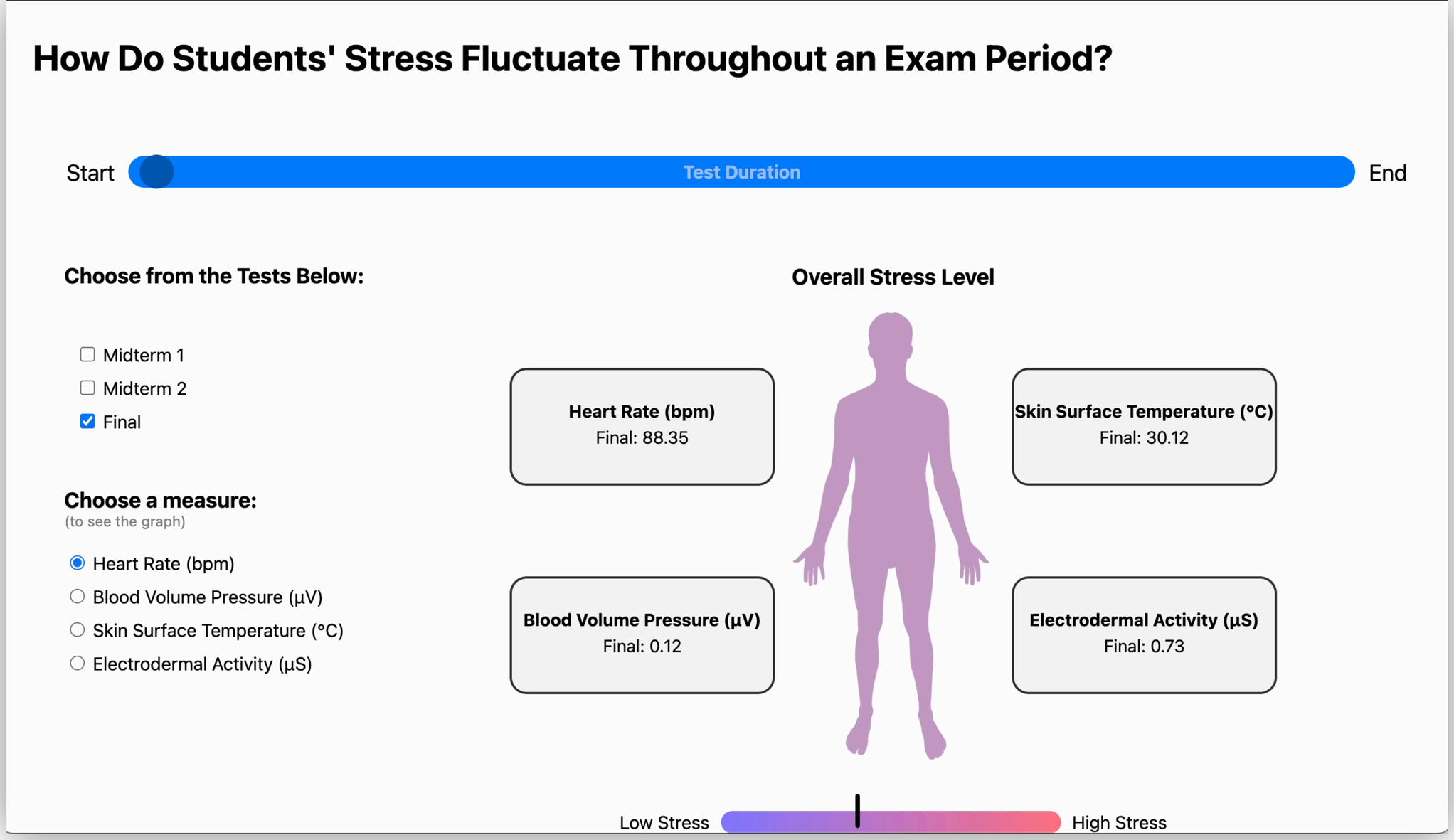
This interactive visualization compares an observed stress metric, derived from physiological signals, with self-reported stress levels. We focus on a stress induction protocol from the *Wearable Device Dataset from Induced Stress and Structured Exercise Sessions* (Hongn et al., 2025).

Various measurements, including heart rate, electrodermal activity, and blood volume pulse, were collected through a wristband during an experimental protocol. Each phase of the protocol is designed to either induce or alleviate stress through specific tasks and recovery periods. The protocol is broken down into 7 phases:

Claire Wang, Emily Yip, Fong Vo, and Jason Tran

https://clemhubble.github.io/jecc-stressors/

How Do Students' Stress Fluctuate Throughout an Exam Period?



Ada Mo, Claire Lee, Jenny Xu, and Michelle Hong

https://clairelee-ucsd.github.io/dsc106-project3/index.html

Mock Showcase Round 1

Half of your group are Presenters, other half are Audience.

1. Presenter group sets up laptop, presents work to people walking by.
2. Audience group walks around and looks at presentations, interacts with website, asks followup questions.
3. Audience shares: What were the strengths about the presentation and visualization? What could be improved?

What ideas did you find valuable from your peers?

tryclassbuzz.com
Code: **mock1**

Mock Showcase Round 2

Half of your group are Presenters, other half are Audience.

1. Presenter group sets up laptop, presents work to people walking by.
2. Audience group walks around and looks at presentations, interacts with website, asks followup questions.
3. Audience shares: What were the strengths about the presentation and visualization? What could be improved?

What ideas did you find valuable from your peers?

tryclassbuzz.com
Code: **mock2**