

## Design Studio Feedback

Michelle Danoff, Mirhee Kim, Emily Lovett

Feedback from:

Anastesiya Boyrs: [anasteysiyaboyrs@college.harvard.edu](mailto:anasteysiyaboyrs@college.harvard.edu)

Mick Kajornattana: [ckajornrattana@college.harvard.edu](mailto:ckajornrattana@college.harvard.edu)

Anasteysiya and Mick's feedback was constructive and helpful. They helped us discuss the pros and cons of various design choices, such as how to present the data that compares currently displayed bike travel to travel on the other days.

The main design choices we discussed were

1. How to present comparative aggregate data
  - a. We initially planned to compare the shown day's data to other days data -- for example: today vs. the average day this week, average day this month, average day this year.
  - b. After discussing with our partner group, we agreed that it makes sense to display two comparison graphs. One graph will display the current day compared to other days (average this week, average this year, etc.) and the other will compare this hour compared to the rest of the day (this hour vs. the average hour this day).
2. Bike movement
  - a. Our partners were generally very enthusiastic about our plans to have bike movement, though they expressed concerns that it might be challenging to make the animation work. As a result, we got started on the animation right away, and already have the animation up and running for the first milestone.
3. What other data to display
  - a. Our partners agreed that it made sense to display additional information about the current day, such as precipitation levels and maximum temperature. While we had initially planned to present specific information for selected bikers, Anasteysiya and Mick convinced us to conceptualize this visualization as more comparative -- to focus on overall trends that compare the current display to other points in time, rather than giving specific information about individual bikers, which might be less useful for CitiBike. We agreed and will focus more on presenting data that is comparative and aggregate rather than specific to individuals not only in this aspect of the visualization, but in the project as a whole.

Please note that the PDF of the document we sketched incorporating the changes we discussed during the design studio is below. Nothing from our initial proposal has been removed, except for biker-specific info, which we decided detracts from understanding overall patterns.