What questions can and can't be answered with the data you have. What other data do you need and how will you get access to it?

Questions that can be answered:
- Where the water fillers are currently located.
- Which building has air ventilation or not?
- Which building has a kitchen or not?
- Which places hold big events?
- Number of people connected to the wifi in certain locations at a specific time
- Number of people/capacity of a few locations at Boston University

Questions that can't be answered:
- How were the current water filling stations beneficial?
    - We can estimate it based on the WiFi data but such information would be improved with additional data explained below
- We assume that most of the buildings have air conditioning and there are water bottle filling stations in buildings that have air conditioning. How much of a factor does air conditioning play in the decision-making process?
- The prioritization of the factors we believe are important
    - We believe that the order goes from
        - high-density/foot-traffic
        - Kitchen
        - Maintenance
        - Cost
        - Air ventilation
    - Is this true or do you require an update?

Additional data needed, and how to access it:
- A lot of the data still needs to be completed, and many important columns need to include data. If updates are made to these data, it would be beneficial to our decision.
- The counts of water bottles saved for each water filler. So that we can find the correlation between the wifi data and water filler usage.
    - No database that houses this data and many of them are also broken/incorrect
    - The last time we asked about it, the response was that there is no technology available for this and installing it would be costly. We suggest asking Sustainability to have people visit the stations to collect the number and make a CSV file.
- The maintenance status for the various buildings/locations at BU
    - As mentioned above, maintenance can be an important factor in our decision-making process since water bottle filling stations require constant

maintenance. Most of the CSV files do not have maintenance records and an update of it would be beneficial.

- Installing a water bottle filling station near the existing plumbing is prioritized for cost. It would be beneficial to know all the plumbing locations on campus or whether the buildings located in the CSV files have existing plumb locations