| **Weather Impact on Waste, Scrum Report - Week 0301** | | |
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| Team 2 | Question | Answer |
| Zeqi Wang (Team Rep) | What have I worked on? | Furthering analysis on the mass data. Using the combined device data, I make a scatter plot based on temperature(Fahrenheit) and psiValue. The using k means clustering to analyze the data but it turns out no relationship to be found. |
| What will I be working on next? | Now planning to breakdown the data set based on each device and make analysis for each of them |
| Have I run into any issues? Do I need help? | The issue is we are still not able to locate the location of the devices based on the updated data |
| Team Lead/Rep: Have I talked to the client recently? When are we meeting with them next? | We'll be meeting on Friday March 3rd from 3:30pm to 4:00pm. Talks about what we have analysis so far. |
| Student Name  Timur Zhunussov | What have I worked on? | Worked on analyzing the types of waste generated and tried to plot some of it to see if there is any relation for type of waste and temperature. |
| What will I be working on next? | Try to cluster data by highest lowest temperature and see if extreme cases or average cases have patterns. And try to do the same but on a smaller scale like one month. |
| Have I run into any issues? Do I need help? | Same problem as our team having connecting devices to locations will try to resolve it at the Friday meeting. |
| Baicheng Fang | What have I worked on? | Generate some heatmaps of FY22's annually mean material weight, including trash, recycling and compost. Moreover, generate detailed monthly mean weight heatmap. |
| What will I be working on next? | Try to find the factors that affect the weight of materials, i.e. trash, recycling and compost and extract the key features in factors. |
| Have I run into any issues? Do I need help? | 1. Lack of precise locations of some sites makes visualization difficult.  2. Problem of matching devices’ serial numbers with sites hasn’t been resolved yet. |
| Akshad Ramnath | What have I worked on? | I made a scatterplot of temperature in celsius and their respective psi values and it seems like most readings fall into a similar region. Also made a line plot to compare if temperature and psi values had any correlation and it seems that drops in psi values have some effect on the temperature following these drops. |
| What will I be working on next? | Performing further analysis and trying to find more correlations and factors by also performing this analysis and more of the datasets |
| Have I run into any issues? Do I need help? | Still have not resolved last week’s issue of serial number matching. |