Reflection

How each group member contributed to the final submission
Liberty Lehr:
- Cleaned Sensor Data
- Sketched a possible method of mapping wind directions (wind_direction.heic)
- Wrote introduction to report
- Sketched a possible method of mapping wind directions using (wind_compus.heic)
- Sketched a method of comparing chemical measurements (chem_measurements.heic)
- Produced fig 1a, 1b, 2a, 2b
- Wrote hypothesis 1-3
- Wrote recommendations 1, 3 and 4

Emi Neuwalder :
- Consolidated key points from all of the newsletters and documents
- Contributed ideas during meetings

Elaine Demetrion :
- Sketched visualization for length of stay
- Built length of stay visualization
- Wrote hypothesis 4 and recommendation 2
- Wrote readme

One obstacle you encountered and how you overcame it:
Liberty became very fixated on a particular visualization that was overly complex. She invested way too much time attempting to make it work when the logic behind the idea was not strong. Eventually she approached the problem from a simpler angle and was able to answer the question at hand. However spending too much time on one approach limited the quality of the visualizations the whole group was able to produce as the other group mates also attempted to fix the impossible and convoluted almost sollution. -Liberty

Since we started the assignment late in the week, we had less time to explore the data and figure out what types of visualizations would be most helpful. So, I focused on making a single visualization that would both help us explore the data and that seemed likely to produce interesting insights. -Elaine

I had my own stuff going on this week mental health-wise and was unable to contribute in a meaningful way. I did not overcome this obstacle except by contributing this comment (and some other additions) to this read-me. I did try to make sense of the bitmap for the traffic sensor data but was unable to figure out how to do that. -Emi

If you were to do this assignment again, what would you do differently?

We would get started earlier. Additionally, I (Emi) could have done what I wanted to do and looked at average time spent by vehicle type, and which locations had the most vehicles (particularly looking at trucks). This would have provided additional hypotheses. If we had more time, we would have worked out how to get the sensor map with color-coded wind directions for the data on chemicals. Additionally, mapping out which locations are being frequented the most for the traffic data would also help.