Over the course of the last 6 months, I have learned a great deal regarding data analysis and visualization. Initially I signed up for the course for fun and something to do in my down time. This has not only been quite interesting and fun but also helpful in my work life. I immediately began using the skills learned starting with the very first week and continue to enhance the support role I play in creating useful dashboards for Critical Care Practice.

This culminated in a group project looking at heart failure survival in hospitalized patients with a data set of over 1000 patients with 51 columns of data. This needed to be cleaned and the columns narrowed into useful information. We were able to narrow down to 10 key indicators regarding mortality prediction and created a web based predictive model for user input. Tableau was utilized to visualize the data set on the same web interface.

I have done many group projects over the years and have found the teamwork of this group to have the most even work distribution and helpful knowledge across the members. All worked well together, met deadlines and were on the same page with goals. It challenged me to work on a format I do not generally use which made it even more interesting.