USING PLAYDOH IN THE STATISTICS CLASSROOM SAMPLE ACTIVITY

Background:

The 2018 Perceptions of Academic Advising Survey was administered to undergraduate students from nine colleges of the University of Tennessee. The survey assessed the advising experiences of these students to accomplish the following goals: identify the strengths and weaknesses of the advising programs, raise awareness of academic advising departments and its functions, and to ultimately improve academic advising across the campus. The data for this survey can be found in the Week 11 dataset.

Directions:

Break into groups of 3-4 students. Using the Week 11 dataset conduct a variety of descriptive and inferential analyses (any that we have learned this semester) that you think your client would be interested in. You are free to use/modify any of the variables in the dataset.

Using playdoh/markers create short, simple visualizations based on this data (5-6 total). Be creative and design your visuals with the audience in mind in terms conveying the information in a way that is easy to comprehend but also makes an impression in other words, simpler is better. Make sure to include titles, descriptors, and values as part of your visualizations. The goal is to create 5-6 visualizations that succinctly and clearly tell your client a story about their survey data.

Data Visualization Resources: Refer to the data visualization handouts on Canvas (Week 2) and the following websites:

- https://www.amycesal.com/day-doh-viz-all
- http://annkemery.com/
- http://stephanieevergreen.com/
- http://visualizationuniverse.com/charts/
- https://datavizcatalogue.com/
- https://www.creativebloq.com/design-tools/data-visualization-712402