



RUCD160-1DL Week 5 Assignment

Due Date: Each assignment is due on Tuesday for the week they are assigned

I. Bar Chart

Assignment Overview:

Given a scenario where you have to present data to make your case, create a bar or column chart applying effective data visualization principles. Add a brief paragraph explaining how you chose to represent the data.

Details:

- 1) Imagine your boss asks you to develop a bar chart to back up his point of view by showing a comparison that supports his position.
- 2) Make up and state your boss' point of view that you will help support with your chart. You can either hand sketch a bar chart illustrating the comparison or if desired you may create your chart in a digital format (fidelity however is not important).
- 3) Annotate the bar chart that you created describing your use of data visualization principles you learned pertaining to bar charts from your readings.
- 4) Cite relevant class readings and your own research that informed your suggested enhancements.

Some things to include in your exercise:

- Appropriate orientation of labels.
- Consider appropriate spacing between bars (1/2 bar width).
- Consider your Y-axis starting point to avoid distorting the story.
- Consider your use of consistent color and only use color to highlight an element if necessary to help tell the story.
- Consider how you order your data in the bar chart (e.g. alphabetically, sequentially or by value depending on your story).

Rubric

This exercise will be graded using the standard class rubric.