Feedback for Project Number 30

## Instructions

Use the program below (beginning line 13) to figure out who you will be critiquing. You will critique two of your colleagues’ work and provide feedback for them to produce their best work. Make sure you use *your number as it aligns with the Google Document’s Position Number column* in the program below (line 16). Remember this is to help them out so do not be mean, but also do not hold back. Be sure to highlight areas of success as equally as areas of failure. Use the template below the code to provide them this feedback. You can find the [project links here](https://docs.google.com/spreadsheets/d/1o4NtUGopupH2H-3QN1Vg6LbokfASbryqELlAodm4wAY/edit?usp=sharing)

**Be sure to change the name of the project in the title above and in the document title.** This is the project number you are critiquing and should be included in the output file so that the document name reads ‘Critique\_of\_Project##.docx’. Once you are finished, e-mail me both documents (one document per critique) and I will upload them to the ‘Peer\_Reviewed\_Work’ folder so that your peers can view them. Do not e-mail me the .Rmd file. These reviews are due by **Sunday, May 9th at 11:59pm CST**. For ease you can use this markdown file to fill out your responses and knit which will produce a word document for you.

## Feedback Below

**What did you first notice about this project?**

I noticed the subject of the project, and I think this was a great choice! Sadly it is very timely and very much in the news. This topic deserves much thoughtful study, which you have provided here.

**What was this project’s main story?**

This project examines data regarding police shootings in the US; what factors are present in these shootings, like whether the suspect was holding a gun or some other type of weapon, on the attack or fleeing, the race of the officer and the victim, etc.

**What were some areas of improvement?**

Firstly, I believe the project was supposed to have some ability for the user to interact with the data. I could not find an interactive chart. If there was one, I apologize. For me, this is not very important because otherwise the charts were so great.

I might have left off the 2020 data since it was a partial year and I would forget that sometimes when trying to interpret a chart. “Wow, use of body cameras really dropped off in 2020! Wait, that is because it is not all 2020 data.”

Here are some specific things that may have helped some of the charts. I realize this is a **lot** of feedback. I hope you do not feel that I am criticizing; I do a lot of charts for work and know what standards we use for type of chart, color, and so on.

**Count of Shootings in the USA by Year (bar chart)** Normally, gradations of color from light to dark mean some change in volume. I don’t think that is the case for this chart, and I would have made all of the bars the same color of green.

**Count of Deaths by Police in the USA by Month (bar chart)**

Likewise, the colors do not seem to help the user understand the chart (maybe actually distracting) and I would have made them all the same color. Also, no legend needed. Was there a way to spell out the months (“Jan” rather than “1”)?

**Plot of Races (bar chart)**

I think this would have been better as a pie chart. I think the information you wanted to convey is the proportion of each race that were shot, and this is difficult to tell from a bar chart. Was there a way to have the percents as a label?

**Top States for Police Shootings (bar chart)**

I would have sorted the chart from highest to lowest state. Not all of the labels showed up in the x axis and you could only tell what state it was by hovering the mouse over the bar.

**Races killed in CA and TX (bar chart)**

I would have made this a “stacked bar” chart to show the proportions of each race/ethnicity all in one bar for each state. This would have made it easier to compare the two states.

**Signs of Mental Illness (bar chart)**

This might have been better as a pie chart.

The last piece of feedback is that there were quite a few typos. I understand you are an international student, and I think your English is awesome!! I would just say to maybe use a spell checker that might catch some of the spelling issues.

**What elements would you add to this project?**

For the comparisons by state, it might have helped to have a calculation of counts divided by population. Otherwise, this is a very complete and well thought out collection of charts and I wouldn’t add anything.

**What were some successful elements of this project?**

I thought the “use of body camera each year” was very impactful. As with George Floyd and other cases, the body camera footage has become more and more important in prosecuting cases of police misconduct/wrongful death, and as a result it looks like police are more reluctant to use it. The one with the city data was also very interesting!

I also thought you told the story very well. Anyone who read your analysis would understand the major factors in police shootings.

**Any other thoughts you would like to convey to your peer?**

I can tell you put a lot of thought and care into this project, and it was great! I hope you enjoyed doing it!