Feedback for Project Number 10 –

Covid 19 Infection and Super Spreader Events

## 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. 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/1TeRLCCzdV_1e2hx4JIrIS8X9S_h21IHqvWNv02Q226s/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 **Friday, March 26th at 5:30pm 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 is their topic on?**

The project is about comparing super spreader events to the overall covid-19 infection rates to see how likely it is that an attendee could get Covid 19 at super spreader events. The title accurately describes the project.

**Are the objectives of the project clearly identifiable?**

The presenter wants to show a connection between Covid 19 infection rates and super-spreader events. The objectives were to pull information about events in San Antonio for the month of December 2020 to cross-reference with the Covid 19 dataset. The presenter is hoping to demonstrate a relationship between the events and the infection rates.

**What data are used?**

The website scraped was [www.visitsanantonio.com/events](http://www.visitsanantonio.com/events) and searched for the events of December 2020. Additional data was also used from the City of San Antonio datasets for Covid 19 daily surveillance.

**What is your overall impression of the project?**

Overall, the project was very well done. The presentation has a nice logical flow and the graphs/visualizations used were relevant and enhanced the overall message.

**Other encouragements/critiques you would like to provide to your colleague in order for them to have a more refined project.**

I like how the presenter included comments in the code that explained to the observer what the code was intended to accomplish. It was extra work from the presenter, and wasn’t needed by the presenter at all, but was entirely for the benefit of the audience. I also like how the topic is incredibly relevant and meaningful to a very large audience and is very definitely current. With symptoms of Covid 19 showing anywhere from 2 days to 2 weeks after infection, I wonder how the presenter chose to use markers for 3 and 5 days. I also wonder what criteria were used by the presenter to select the 4 events that were analyzed. I wonder if the number of attendees, if the type of event, or if the actual date of the event mattered in the selection process. I wonder about the actual strength of the conclusion because two events (12/16 and 12/24) appeared to have 3 and 5 day markers that had lower case values as compared to the values on the dates of the events. I like how the presenter used dual axes to show both infections and deaths (and both hospitalizations and ventilator usage) on the same graphs, and how is was easier to see how the two measures moved together. I like how the 3 and 5 day markers were colored separately and how that made those markers much easier to see on the graphs. I like the hospital and ventilator graph and how it shows the increasing trend in severity of Covid 19 for the month of December 19. A possible next step to expand this project could be to add 3 and 5 day markers for days that did not have any events as a comparison to the event days.