

Task 2.10 - Presenting Findings to Stakeholders

Link for the Tableau Workbook:

https://public.tableau.com/app/profile/bryan.lim3944/viz/Task2_9-StorytellingwithData_16604430071130/U_S_InfluenzaStoryboard2?publish=yes

Link to the video presentation: <https://vimeo.com/740936964>

Project Data Limitations and Metrics

1. Were there any limitations that prevented you from conducting an analysis? Think of these in terms of a future project or wish list (i.e., "If I had x, I would have been able to do y.").
 - One limitation was that there were no datasets with how many people received the flu shot. There was one with a survey of flu shot rates in children, but since it was a survey, the results may not be accurate. Based on the visualizations, many adults over the age of 65 had a higher death rate but it wasn't specified if they were vaccinated or not.
2. Did your data have any limitations that may have affected your results? Consider this in terms of data quality and data bias.
 - CDC Influenza Deaths: Data is based on death certificates for U.S. residents, based on a single underlying cause of death. Individuals may have multiple health concerns in addition to influenza, but that is not accounted for. For this reason, some of these deaths may be a misrepresentation of influenza being the main cause.
3. How might you monitor the impact of the staffing changes you recommended?
 - I would conduct a questionnaire or survey for both medical staff and patients. It would be ideal to have them fill it out before and after the plan, so I can compare if our intervention has helped. In addition, seeing if the number of influenza deaths changed (decreased) would notify us if we were successful or not.
4. Is there a metric that could be used for monitoring this impact?
 - The biggest issue is that vulnerable population deaths are very high each year. One metric is to compare the number of deaths and see if our contribution has helped reduce the number.

