2.10: Presenting Findings to Stakeholders

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1. **Create a document reflecting on your project data limitations and metrics.**
   Limitations:
   There are two objectives to be achieved in this project. First, when should the agency send additional staff? Second, how many additional staff should be sent? The first question has been answered: the agency has to send additional staff between October and March of the following year. In addition, sending staff to each state can be prioritized based on the percentage of deaths. However, determining the second question, namely how many staff should be sent, is challenging. This is because there is no historical data regarding the number of additional staff sent in previous years. This is a limitation, and the analysis of how many staff to send is challenging to carry out. Therefore, if I had data on the number of additional staff, I would be able to determine how many staff to send to each state.

   Since the mortality data has a lot of suppressed data points, I cannot accurately determine how many deaths are under the age of 65. Thus, this causes the quality of the data to be not very good.

   ➢ **How might you monitor the impact of the staffing changes you recommended?**
   The impact of staff turnover can be monitored by comparing the mortality rates between the years before and after the recommendations are implemented. If there is a reduction in mortality, the suggested staff changes are effective. However, because historical data on the number of staff sent in previous years could not be obtained, an analysis to determine how many staff should be sent could not be carried out.

   ➢ **Is there a metric that could be used for monitoring this impact?**
   Yes, the metric is influenza death rate.

   Video Recording: https://vimeo.com/user188793280

   Tableau Link:
   https://public.tableau.com/app/profile/keerthana.sampath.kumar/viz/Achievement2_PreparationforInfluenzaSeason/Story1