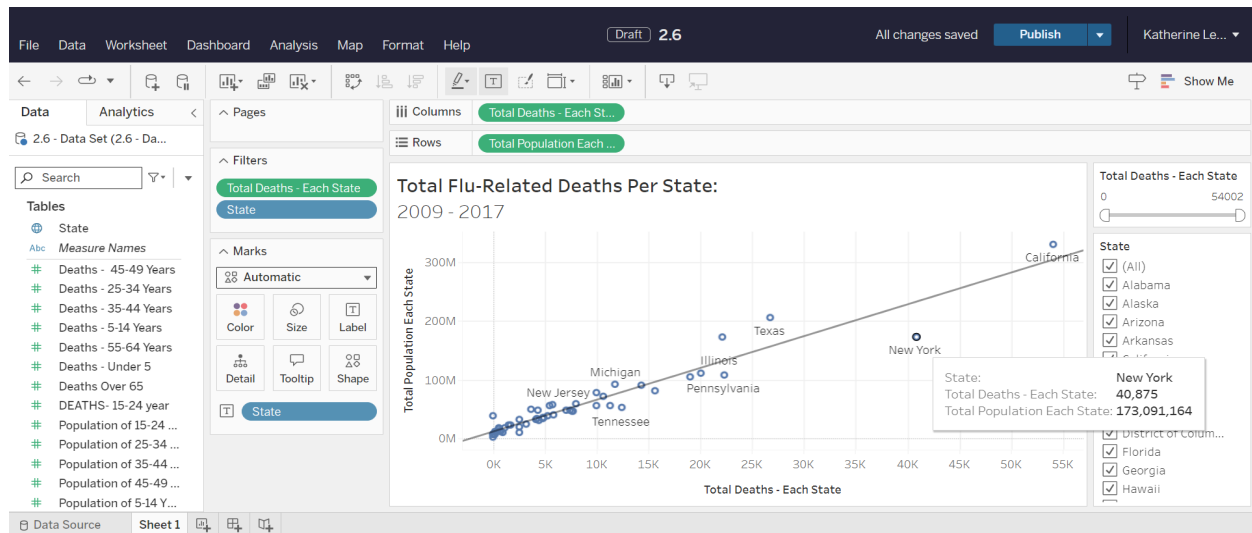


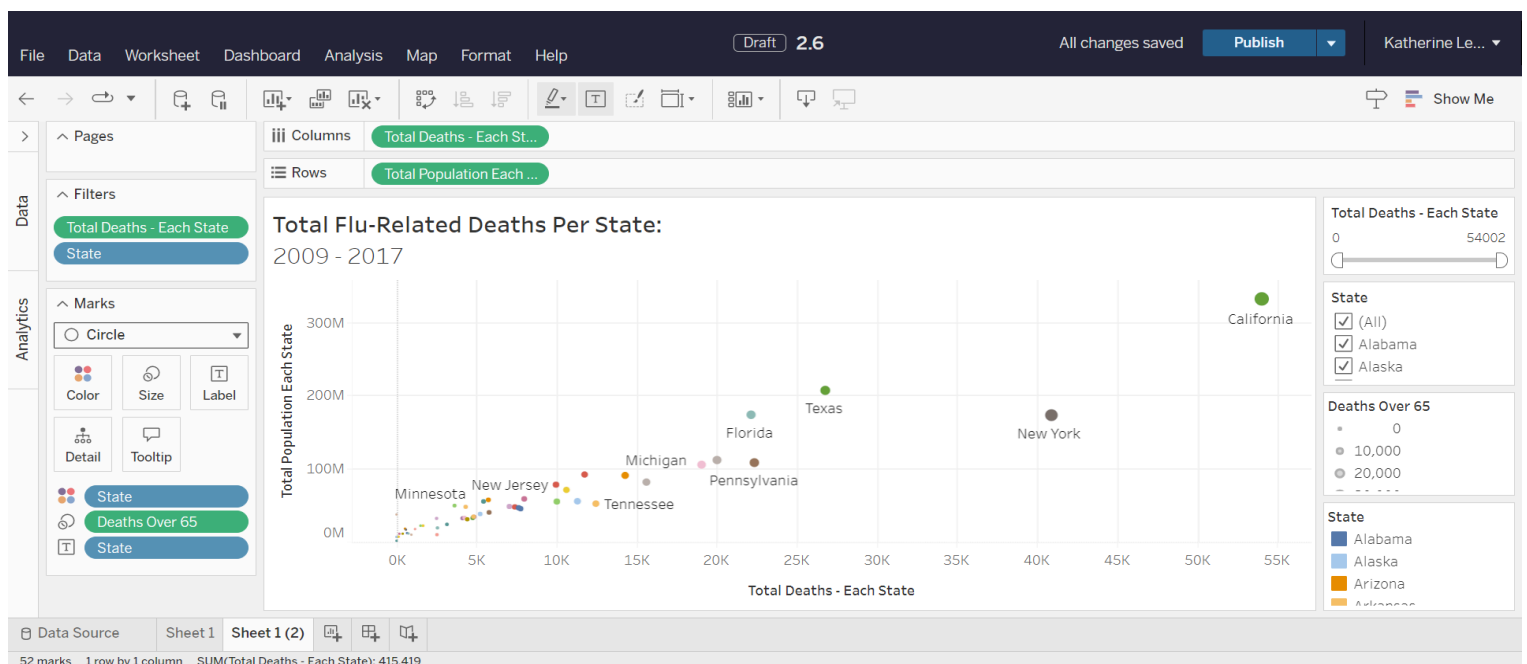
2.6: Statistical Visualization

Katherine Lecce

1. Refer back to the task in [Exercise 1.8: Conducting Statistical Analyses](#) where you examined correlations. Use those same variables to create a scatterplot in Tableau.



2. Add a trend line to the scatterplot you just created.
3. **Are all the data values tightly clustered around the trend line or are there a few extreme values?** The trendline of all of the states are overall consistent with the trend line, especially with smaller states with fewer population. You can see the states that are off the trend line include Texas and New York. These states might be skewed since they have a higher population with a lower amount of Flu related deaths within those states that are outliers along the trend line.



4. Create your bubble chart - State Population vs. Deaths over 65+

- Add a third numeric variable to your scatterplot to create a bubble chart.
- Add a categorical variable to the scatterplot using color as the visualization method.