Task 2.4

[Task 2.4 Influenza Line Charts | Tableau Public](https://public.tableau.com/app/profile/alex.kaplan3758/viz/Task2_4InfluenzaLineCharts/InfluenzaDeathsLineChartForecastfor2018)

1. Line Chart

A screen shot of a graph

Description automatically generated with low confidence

1. Line Chart Forecast with Seasonality

A screen shot of a graph

Description automatically generated with low confidence

1. Line Chart Forecast Without Seasonality

A screenshot of a graph

Description automatically generated with low confidence

1. Line Chart with Seasonality for 2018

A screen shot of a graph

Description automatically generated with low confidence

Checklist:

* **Are the title and text descriptive enough? (i.e., do you understand what the visualization is trying to convey just by looking at the title and text?)** I believe the title and text are descriptive enough for the viewer.
* **Are there text labels?** There are some text labels throughout this visualization. I did modify the x any y axes to year and total flu deaths respectively.

**Does the text portray any redundant information that could be gotten rid of?** For the most part, there is not too much redundant information. **I grouped the states into 4 separate regions based on their geographic location so that the viewer can see a more condensed list of each region. It also makes the visualization less clustered and easier to see.**

* **Do colors, shapes, and size scales come with legends?** The legend clearly displays the colors. However, I didn’t create one for size and shape for this visualization.

**Color**

* **What does the color scheme signify?** There is no major significance in the color besides separating each state from one another.
* **Are there more than five colors?** No
* **Does the color scheme make sense? Are colors analogous, complementary, monochromatic, or intuitive?** The color scheme seems to make sense. I used monochromatic colors for each state.
* **If color is used to draw attention to important information, is the darkest color representing the most important information?** The darkest color represents the states with the highest number of influenza related deaths.
* **Is there (enough) whitespace?** For the most part, I think this visual has enough whitespace to make it easy for the viewer to understand.
* **Is the visualization accessible?** I think it is somewhat accessible but I am not sure if maybe there’s more I can do with the color to make it more viewer friendly.