

Data Visualization and Storytelling

Exercise 2.9 Storytelling with Data

Preparing for Influenza season 2018-2019

1. The beginning

Motivation: The United States has an influenza season where more people than usual suffer from the flu. Some people, particularly those in vulnerable populations, develop serious complications and end up in the hospital. Hospitals and clinics need additional staff to adequately treat these extra patients. The medical staffing agency provides this temporary staff.

- Objective: Determine when to send staff, and how many, to each state.
- Scope: The agency covers all hospitals in each of the 50 states of the United States, and the project will plan for the upcoming influenza season.

A visualization of the total deaths in US from 2009-2017

The questions I aim to answer in this project will focus on three parts as follows:

The beginning will have a visualization of the total deaths of Influenzas in the United States from 2017-2009

2. The middle:

Pie Chart visualization of Number of influenza death vulnerable compared to non-Vulnerable.

Bar Chart Visualization of Number of Death vulnerable and non-vulnerable deaths in each state.

Visualization With Line Chart for forecast on the upcoming influenza season.

3. The End

Findings, recommendations.

Next Steps

Tableau Link

https://public.tableau.com/app/profile/nonso.ezeoma/viz/PreparingforInfluenzaSeason2018_16957923233980/PreparingforInfluenzaseason2018?publish=yes