Project 3 Proposal

Brian Quintero, Jennifer Tran, Sumain Hemani

Group Name: **Data Van Gogh**

Dataset source: <https://api.covidactnow.org/v2/counties.json>?

GitHub Repo: <https://github.com/shemani2/project_3>

**Topic:** Overall evaluation of COVID-19 vaccination in US counties

Rationale:

The analysis of vaccinations is informative for health promotion and to visualize the growth of the covid outbreak. It allows us to reflect on our experiences and how it shapes the healthcare field in the future. There was controversy around the validity and reliability of the vaccines, and we now have data to understand the concrete value of them. We can analyze the effectiveness of vaccine based on data availability.

Texas counties: 254; Historical data (March 2021-March 2023)

Metrics/ Questions to evaluate:

1. Brian - Vaccination doses (2+ doses or J&J)
2. Sumain - Hospitalizations (w/COVID per 100k)
3. Jennifer - Weekly cases reported per 100k

Our story - following chronological events:

* reported cases in March 2021- March 2023
* hospitalizations: as they were being reported, how many people were hospitalized again in March 2021- March 2023
* vaccinations: based on disbursement, more and more people are getting the vaccine and rates dropped from March 2021-March 2023

Ideal Visualizations:

* Choropleth map
* A map of the united states

  Description automatically generated
* Bubble map
* A chart of different colored circles

  Description automatically generated
* Bar chart for years
* A graph with green squares

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