In my narrative visualization project I am using data collected from a number of US polling sources on the public concern of infection from Novel Corona Virus 2019 and public approval of the president's handling of the pandemic. Through these datasets and annotations of concurrent events I hope to illustrate the danger of treating COVID19 as a partisan issue.

I used the interactive slide show structure for my narrative as I wanted to focus on three main sections of my data set. My narrative is broken up into three distinct pages that can be navigated linearly using back and forward buttons but the datasets for each scene are distinct, as combining them would be overwhelming for the viewer. My narrative also has tooltips for each datapoint and for concurrent world events represented by a line along the bottom axis.

Each scene is separated into two parts: the data section, and the narrative control section. The data section takes up most of the page leading the viewer to look at the data first and attempt to interact with it. The control section is a sidebar to the right of the data section so the viewer must mouse past the data section and likely discover the ability to use tooltips before moving on. The control section has two pieces: a narrative for each scene, and two control buttons to navigate backwards and forwards. The data section also acts as a timeline since the bottom x-axis represents time and move from the past to the future left-to-right. The narrative for each scene also links to the other narratives in order to link data between scenes.

All three scenes in my narrative are individual html pages. The first scene gives an overview by showing public concern over COVID. The subsequent scenes both show public opinion of the President's handling of the pandemic but the third scene is along party lines. I ordered the scenes this way to show a unified public opinion in the first two scenes to show the overall effect of COVID and the President on public opinion. IN the third scene I then show a

disparity between the data along party lines and the generalized data to talk about how COVID has become a partisan issue.

For annotations I created a tooltip that shows exact numbers for data point as well as for giving additional context. I wanted to give numbers on demand and allow for better comparisons so each data point has a tool tip giving its date, numerical data, and any legend info. I also wanted to give a context by annotating concurrent events in order to help separate the long timeline into more manageable chunks of time. The annotations also help to support the narratives on the sidebar.

The main parameter within my narrative is the party for each date's approval percentage. Between the second two scenes I have data available for all polled, democrats, republicans, and independents for presidential approval. Each scene has a combination of these datapoint plotted alongside one another.

The triggers in my narrative visualization are mouse overs of data points and events (which cause a tooltip to appear) and control buttons which switch between the scenes. The tooltip triggers are located between the left side of the screen where most users will start with their mouse and eyes, and the controls, meaning that it is likely a user will mouse over a tool tip before moving on. The cursor also changes when hovering over the graph to show an affordance for user interaction with the graph. Each button also has affordances using color and hover props to show that the button is clickable.