Progress report: Design Week 1

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Description of Idea

For our design project, we first decided to individually look for interesting datasets to use. We then decided to focus on health related topics, but eventually came across data on mass shootings in the US over the last 50 years. Our aim is to visualize these mass shootings over time (possibly) per state, and relate these shootings to political and socio-economic factors such as gun laws and mental health.

Description of Data

We will mainly be using the dataset "US Mass shootings" from Kaggle (https://www.kaggle.com/zusmani/us-mass-shootings-last-50-years) which contains the following information about US mass shooting in the past 50 years:

- Location
- Date
- Incident area
- Open/close location
- Target
- Cause
- Summary
- Fatalities
- Injured
- Total victims
- Policeman killed or not
- Age
- Employed y/n
- Employed at
- Mental health issues
- Race

- Gender
- Latitude
- Longitude

We might also use data from the following sources to add other factors to our visualization:
- Brady campaign score per state
  (http://www.crimadvisor.com/data/Brady-State-Scorecard-2014.pdf)
- Homicide reports
  (https://www.kaggle.com/murderaccountability/homicide-reports/data)
- State-firearms regulations (https://www.kaggle.com/jboysen/state-firearms)
- Gun violence database
  (https://www.kaggle.com/gunviolencearchive/gun-violence-database)