

Group 7

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*we have been having issues getting in contact with our team member

<https://www.data.gov/>
<https://www.freecodecamp.org/news/https-medium-freecodecamp-org-best-free-open-data-sources-anyone-can-use-a65b514b0f2d/>

Your final project must:

- Include a database with at least one relational table *
- Include at least two controllers
- Include several views
- Use css for a consistent color and style

The goal of your final project is to use an Open Data Set to create a web based project that you group thinks would be useful to society.

Task #1) List at least 3 potential data sets and ideas (20 points)

Task #2) Describe each idea in a paragraph explaining the goals and major features of the project . Identify who your customer would be and how your web based project would be useful to society (30 points)

1. Election Results Data
 - a. The goal of this project would be to accurately display the 2020 United States Presidential Election results from open data that is available. The core features would be graphs indicating the population that voted for each party and detailed graphs that show this data on a smaller scale from National to State. Additionally, it would divide this data into age segments if possible. The customer would be political analysts who are looking into the changing political climate of United States citizens and could even be used by politicians to see what demographic they have been missing or more likely, what demographic favors them the most.
2. Covid-19 Data
 - a. The goal of this project would be to provide an accurate representation of the current state of the Covid-19 pandemic. Major features of this project would be a heat map of up to date active Covid-19 cases separated by state. Another feature would be the inclusion of important numerical statistics on the deaths and percent of deaths due to the virus in the United States. The customer for this project would be citizens of the US because of the focus this application would have on the Covid numbers in the United States.
3. [Traffic Data](#)

- a. The goal of this project would be to provide traffic data to the citizens of the City of Bloomington. Major features would be displaying interesting statistics about past incidents and showing trends over time. Then people can make informed decisions about their modes of transportation. The customer would be city officials of Bloomington because this application would add value to their city by offering such useful insights. The application would allow users to determine better routes to their destination as well as planning for the timing of their activities. The application would be a fun and easy way to keep the citizens of Bloomington informed.