

Features to implement in next Sprint:

- **Geochart #3 - Inclimate weather (unfinished from prior sprint)**
 - **Feature 1:** Displays geochart based off accidents which occurred in inclimate weather (i.e, conditions such as rain, snow, hail, winds of 30 mph or greater, visibility of less than 0.25 miles, temperatures below freezing (32°F), etc)
- **Statistics Page**

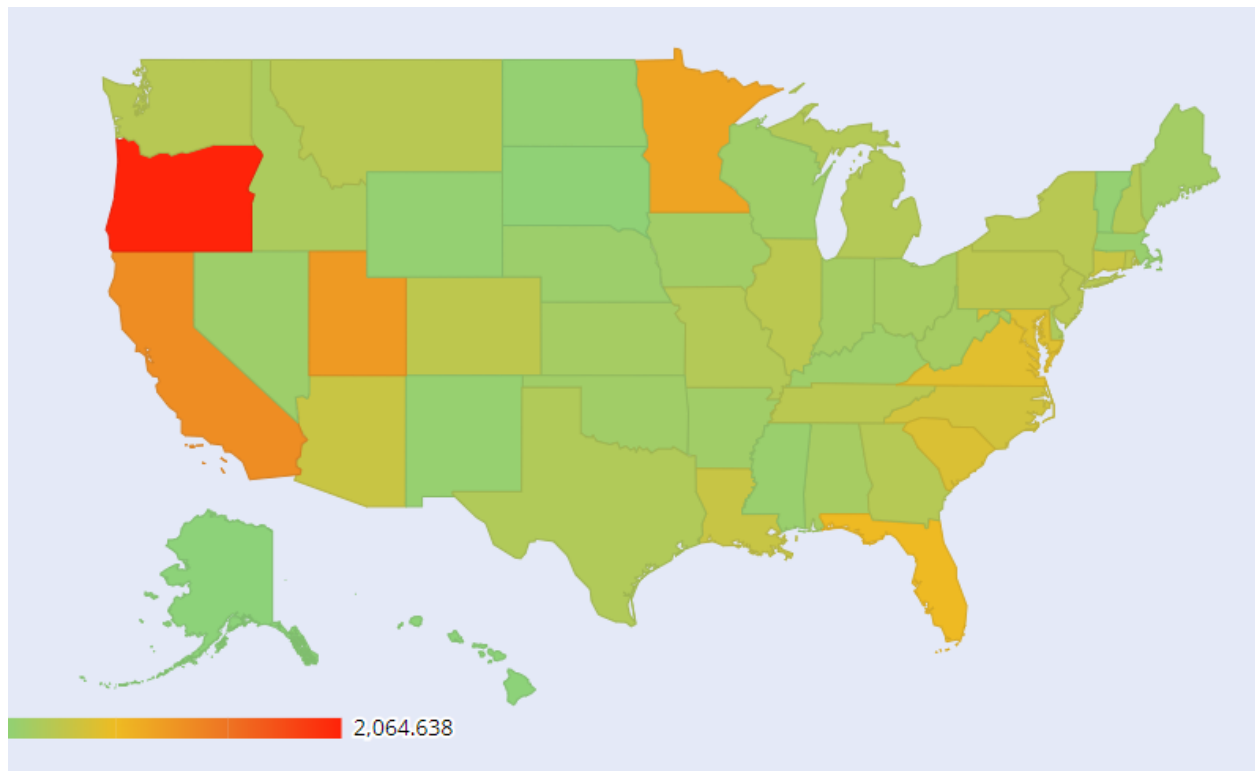
Show various statistics regarding the original dataset.
Uncertain if histogram can support these, or if a new visual needs to be created.

 - **Feature 1:** Top 10 days with most accidents and Top 10 days with fewest accidents.
 - **Feature 2:** Average severity score for each state and country.
 - **Feature 3:** For each state, show the % change in the number of accidents on a year-to-year basis (2/8/16 to 2/7/17, 2/8/17 to 2/7/18, etc).

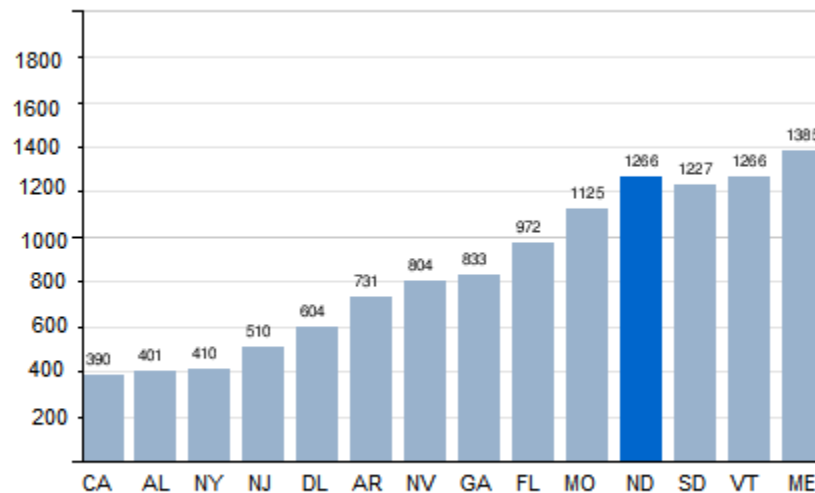
GUI Mockup:

Geochart #3

Example coloring, not accurate



Example histogram of accidents (not accurate)



Test cases:

- **Feature 1 Test Cases (Geochart #3 - Inclimate weather):**
 - **Test Case 1:** Select the option to change Geochart to display according to inclimate weather.
Correct Output: Geochart changes coloring to be based on accidents inclimate weather.
 - **Test Case 2:** Select any combination of weather conditions.
Correct Output: Geochart changes coloring to be based on the selected weather conditions.
 - **Test Case 3:** Deselect a previously selected weather condition(s).
Correct Output: Geochart will no longer include the deselected weather condition(s) as part of the accidents it is based on.
- **Feature 2 Test Cases (Statistics Page):**
 - **Test Case 1:** User selects the Statistics Page to load from any prior page.
Correct Output: The page properly displays the described analytics.

TODO LIST

Done list of last sprint

- Data import .csv file
 - [Finished by Gellert]
- Geochart #2
 - [Finished by Luke, Jacob]

- Histogram (functional, needs to be implemented into project)
 - [Finished by Daisy]

Upcoming Sprint:

- Finish Geochart #3 - Inclimate weather
- Integrate histogram into project
- Add suggested analytics into Statistics page

