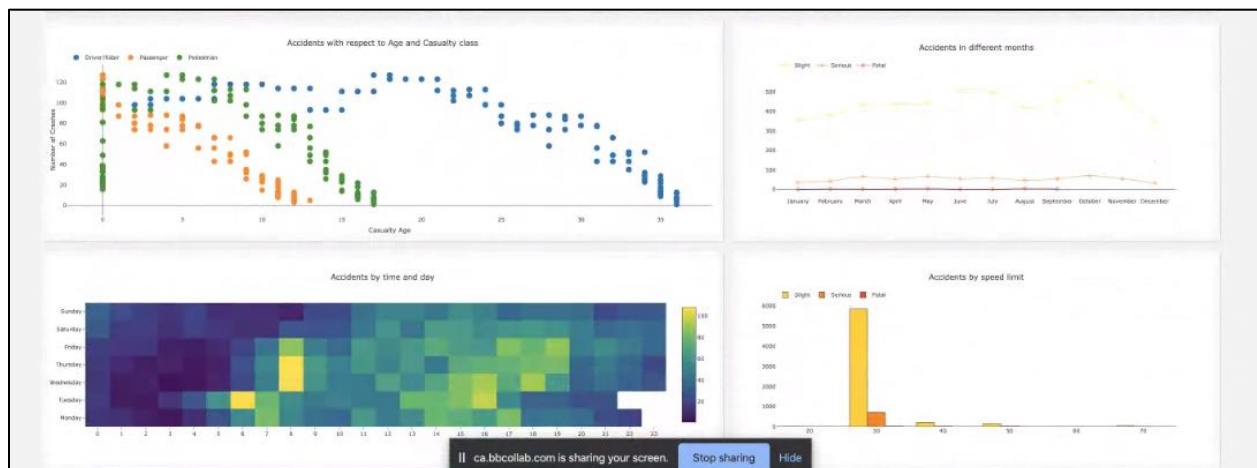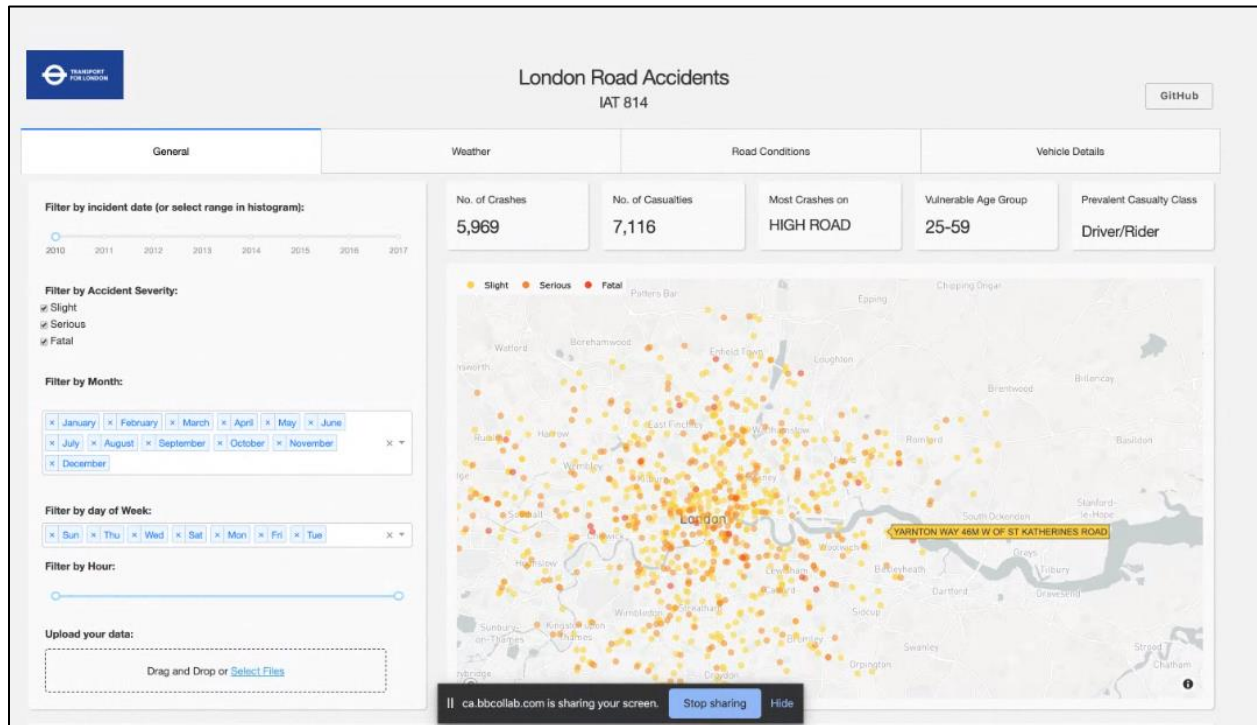# Team08 – Accident Rates in London: Summary Comments

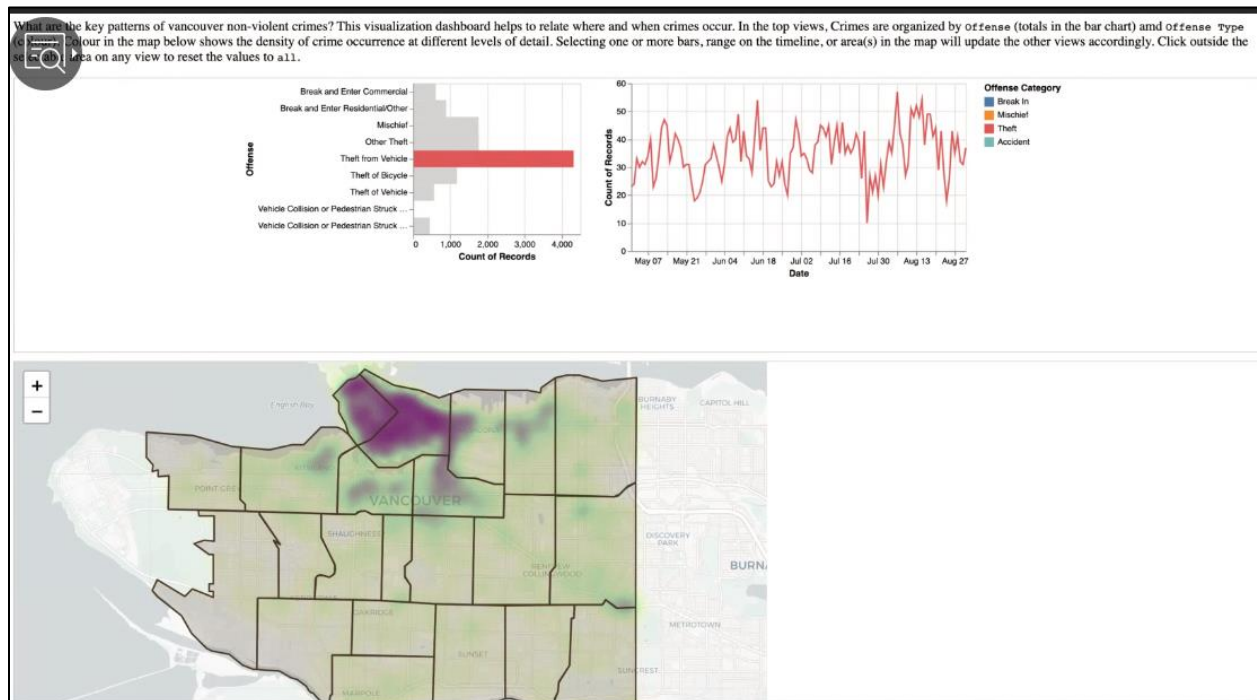

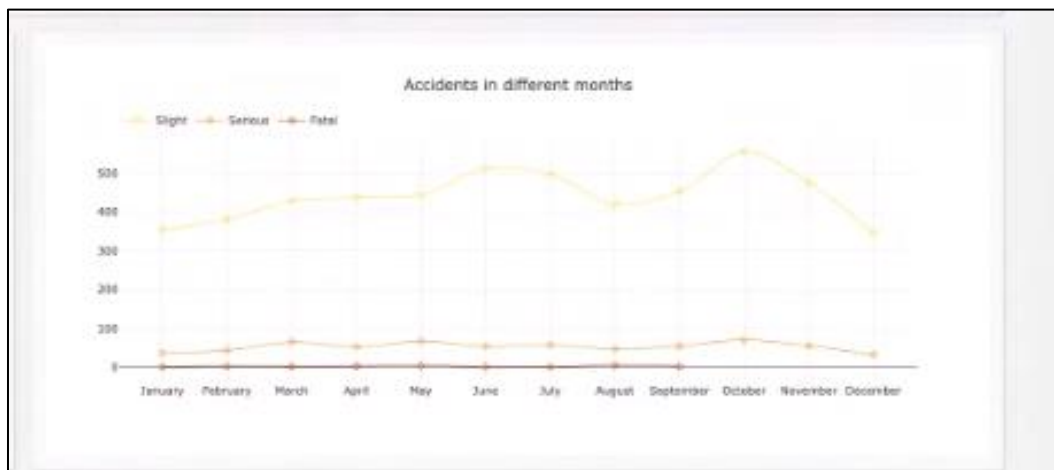*Dashboard Overview*

Comments

- The current dashboard invests a lot of area for the filter, how is this use of space useful? Optimize space!
  - Filters take away data
  - Brushing highlights it
- Reduce the amount of buttons that don't have any data
  - Consider adding a vis that shows patterns and can be used for selecting.

Suggestions:

- Point of the example: bar chart serves as a filter (See image below)

Suggestion for Implementing Visual Brushing/Filtering
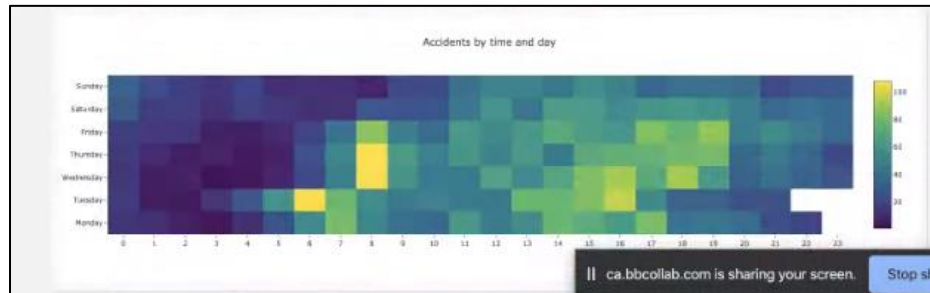

Accidents in Different Months

With the data, it's not easy to see the comparison between light to severe accidents, since the quantities are so different

Comment1: For this vis filters as buttons would come in handy (i.e. severity)

<u>Comment2:</u> You can identify the issue with the axes as a design challenge!

<u>Recommendation 1</u>: You could use a log scale (but it's hard for people to understand!)

<u>Recommendation 2</u>: a line graph that shows just the light accidents, then severe and then moderate.

Heatmap

<u>Comments:</u>

- Have a separate view for the days of the week.
- You should be able to select a rectangle in the heatmap to interact with the data
- the heat map gives a general idea, but it's hard to use when asking about patterns: like what happens on a Friday?

3 levels of temporal patterns you want to show (This argues for 3 bar charts)

- Hour of the day
- Day of the week
- Month/season of the week

Future work

Hint about being able to create a box selection in the map

Overall comments

You could do more slightly visual / more efficient visualization.

Good work! You're on the right track!