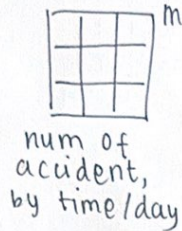


1. IDEAS

heatmap/tree map



bar chart



dist of accident by state or crash type

stacked bar



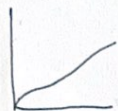
crash types by age or gender

pie chart



accidents involve bus/truck

line



trend over time

violin



dist of age by road user

box plot

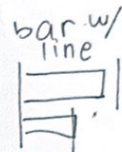


compare speed limit

density



frequency by day (time)

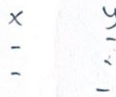


choropleth



dist of accident based on state

sankey



flow of crash by road user vs crash type

radar chart



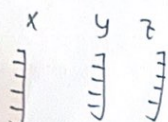
compare attributes vs single category

sunburst



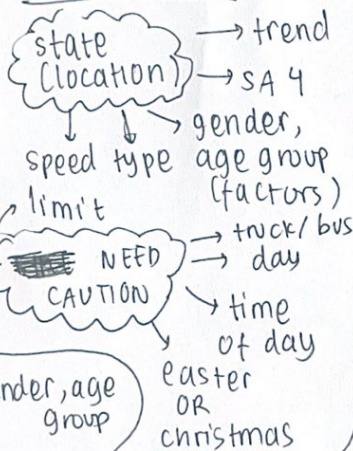
day and time

parallel coordinate

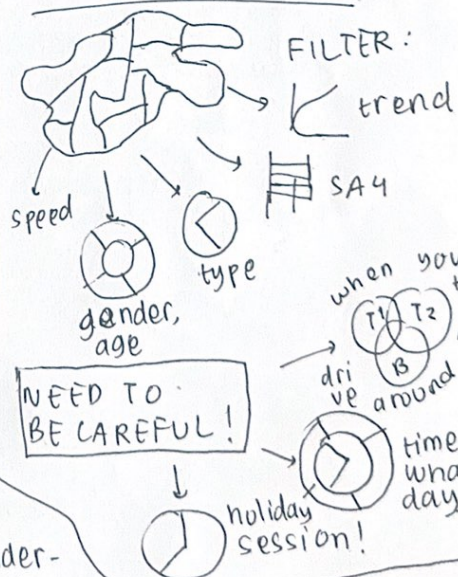


relationships between attributes

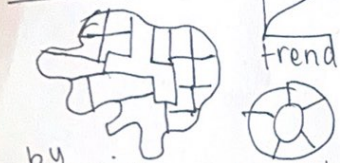
3. CATEGORIZE



4. COMBINE & REFINER



2. FILTER



by location



day & time, gender, age group



for SA 4



for type and another one for easter/christmas, ~~also for gender, age group~~



for bus & truck involvement

5. QUESTION

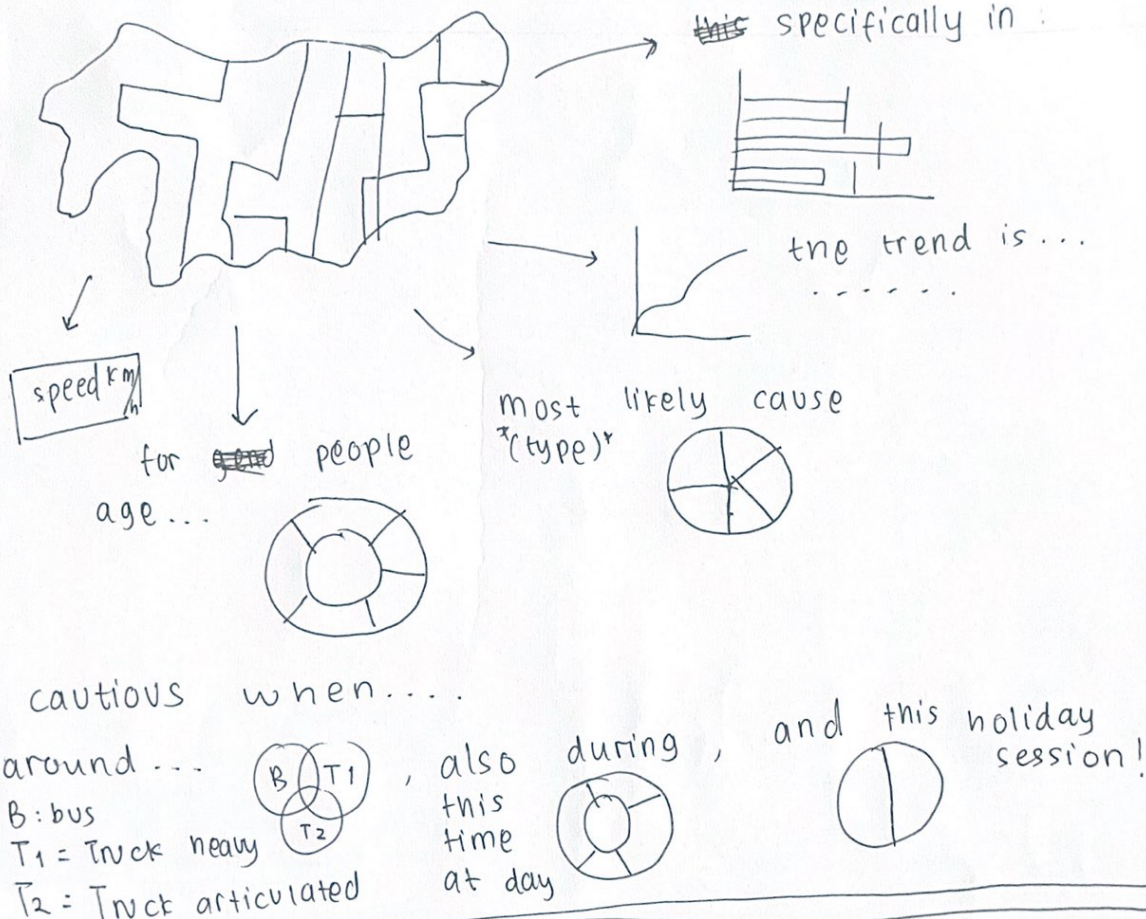
- will the user understand the factor that likely to cause accident in their area?
- is there too many graphs? might cause confusion but also have statistic proof!

venn for truck, bus involvement

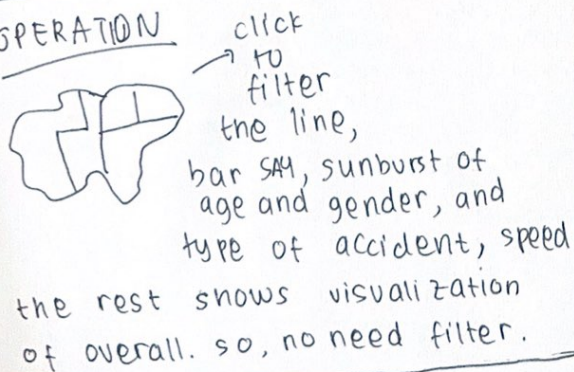
LAYOUT

TITLE: DV2 road crash
NAME: cindy patricia
DATE: 14/9/2024
SHEET: 2
TASK:

ROAD CRASH in AUSTRALIA



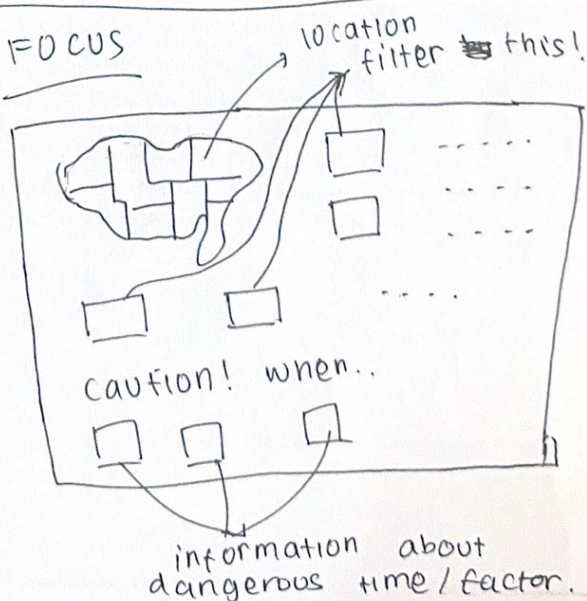
OPERATION



DISCUSSION

the information flows are clear, however, it might not be nice to see when the diagram inside the text area!

FOCUS



LAYOUT

ROAD CRASH IN AUSTRALIA



be careful
at this
speed!



the trend in xxx change
this is because ...



the accident most likely happen in



because

x x x x

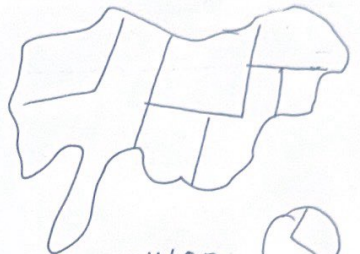


CAREFUL when??



TITLE : dv2 road crash
NAME : cindy patricia
DATE : 14/9/2024
SHEET : 3
TASK :

OPERATION



click to filter



when click ,
highlight the info!

FOCUS



first section
abt the
location

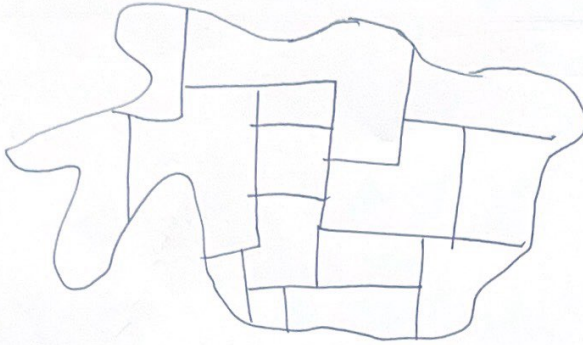
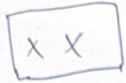
second
section
abt warnin
readers!

DISCUSSION

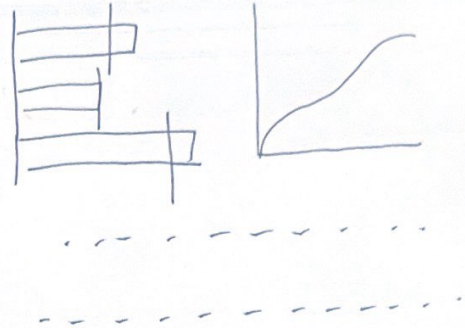
more neat and structured, horizontally. it easy to find information.
However, it needs more space, the user need to scroll.

LAYOUT

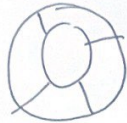
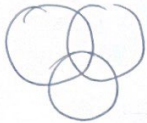
ROAD CRASH IN AUSTRALIA



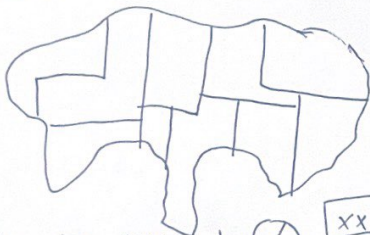
TITLE : DV2 road crash
NAME : cindy patricia
DATE : 14/9/2024
SHEET : 4
TASK :



CAUTION!




OPERATION



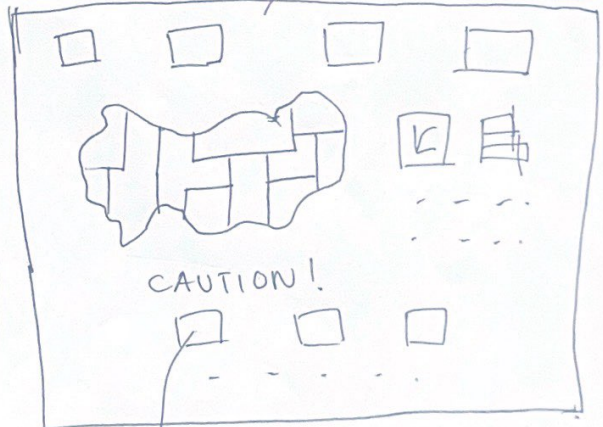
click to filter!



when click the , highlight!
the 4 top text boxes also change
when choose location.

FOCUS

first section!



CAUTION!

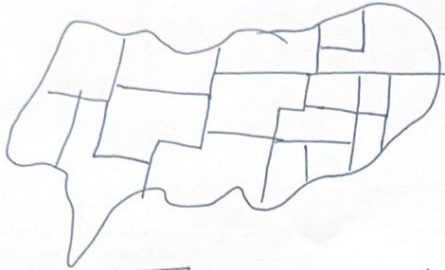
second section!

DISCUSSION

more ~~the~~ interesting, as we can access everything in one glance,
the disadvantage ~~high~~ is due to the ~~high~~ highlighted
text that make poor data to ink ratio.

LAYOUT.

ROAD CRASH IN AUSTRALIA



In xxx, the road crash are shown:



most likely to happen..., because

the trend also...



where ...% are type of and ...%



HOW TO BE CAUTIOUS!

> when you around the ...



> when (holiday) season, as ...



> and during weekend, night-
Because ...

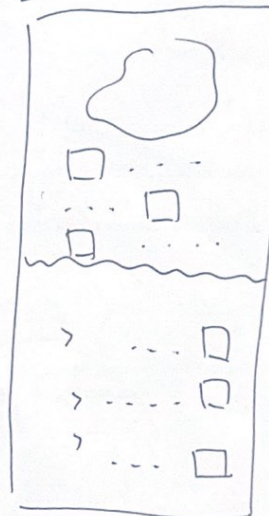


TITLE: DV 2 road crash
NAME: cindy patricia
DATE: 14/9/2024
SHEET: 5
TASK: FINAL.

OPERATION

when click the map, the xxx, and graphs before - how to be more cautious' can change based on the location.

FOCUS



first section
abt everything
that can be
filtered by
location.

second section
information
about pre
caution w/
the visualization
and highlight
the key measure

DETAIL.

- database using csv.
- use vegalite, css, java, html.
- html for ~~overall~~ key structure.
- java, css for design.
- vegalite for graph.
- vegalite > html > java, css
> put vegalite inside!
- 2 weeks? OR 3 to complete.