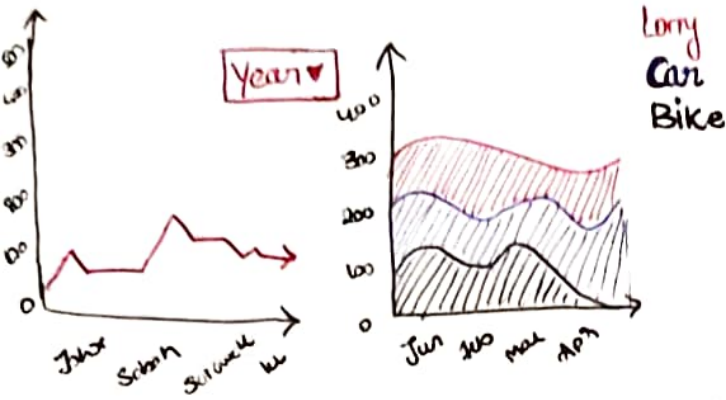


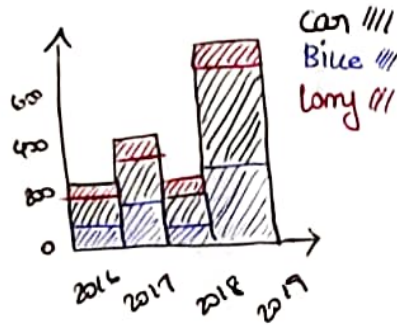
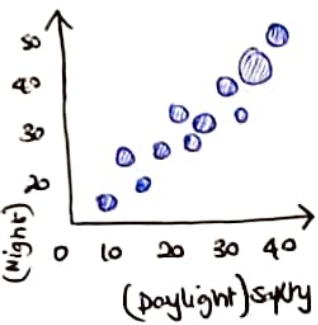
IDEAS FILTER



① Range Filter — (slider)

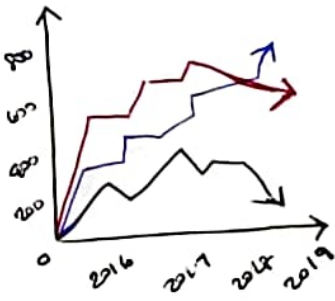
* Filters data to show records within a range of values.

* Can use this in line graph as from which year to which crime trends to visualize

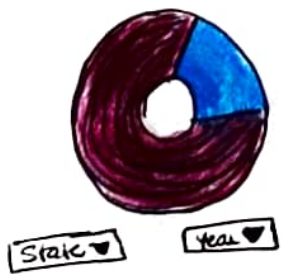
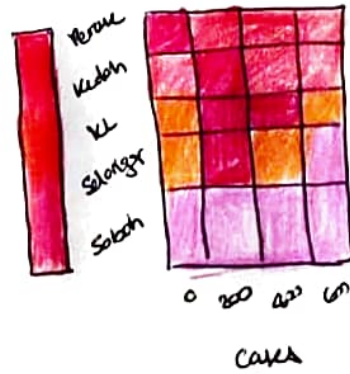
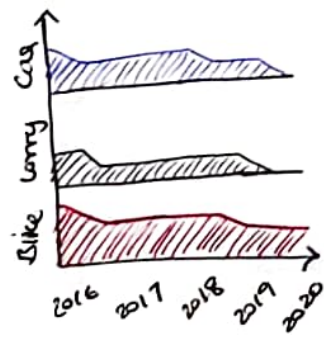
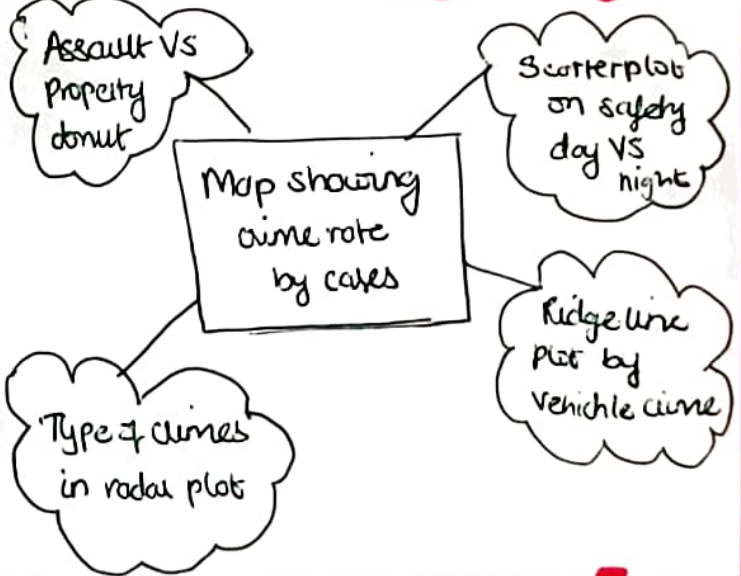


② One of Filter (dropdown)

* Filters data to show records matching one region. To see region specific data on the graph



Category



● No. of Cases in Malaysia.

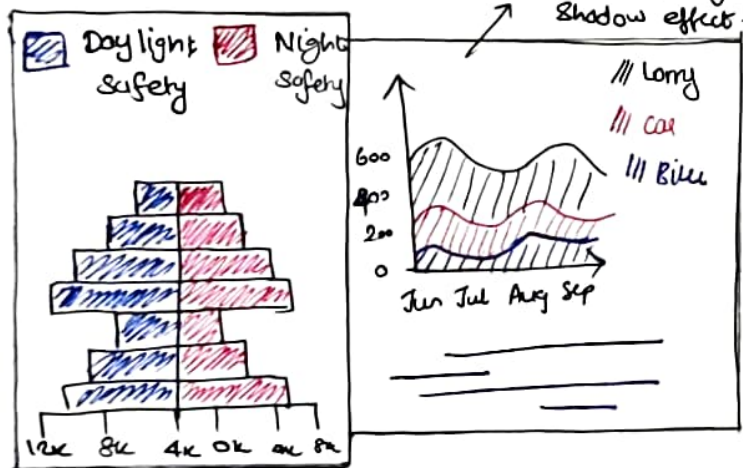
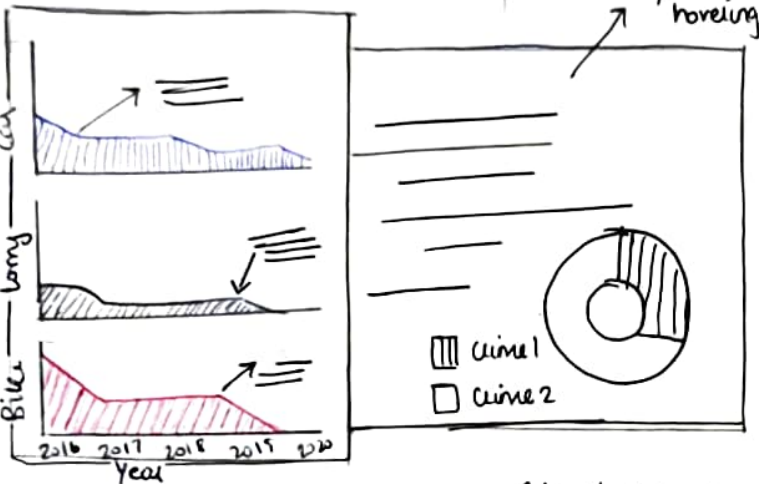
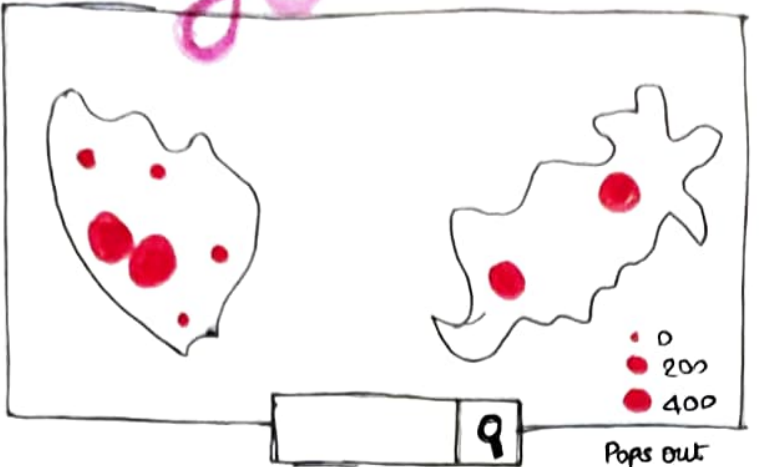
COMBINE & REFINE :

Crime cases in Malaysia
Types of crimes
Vehicle theft cases
Assault VS property
Conclusion +
Safety in MY

QUESTIONS ??

- * Is the implementation doable?
- * Does it lead to a clear story?

Layout



Focus

- * Compells user exploration as the animations make it encouraging.
- * No main focus but some graphs are larger to emphasize their features.

TITLE : CRIME RATES IN MALAYSIA

AUTHOR : ABBIRAMI JEGAN

DATE : 15 OCT 2024

SHEET : 2

TASK : INFOGRAPHIC POSTER

Operations

- * Shadow effect makes word content more engaging.
- * Pop up card makes it more interesting to explore website.
- * Filter to get more details through tooltips.
- * Line annotations for vibrant information retrieval.

Discussion

Advantages :

- Allows users to explore data through filters & clickable elements enhancing engagement.
- The pop-up cards captures attention

Disadvantages :

- The hidden details may go unnoticed
- Design space may not be sufficient.

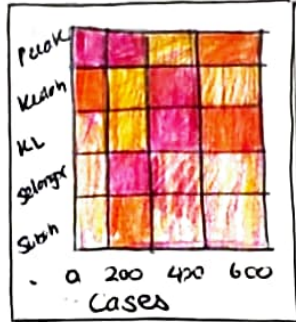
Layout

CRIME IN MALAYSIA

TRENDS AND IMPLICATIONS

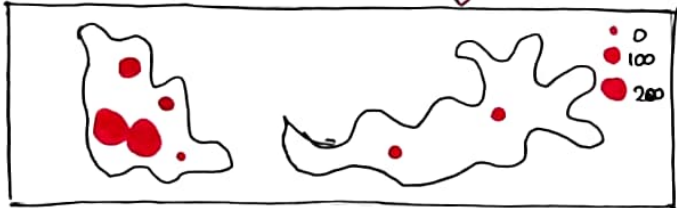
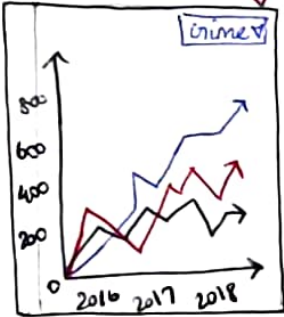
telecommunication
fraud across
regions

No. of Cases



(Scroll down
animation)

Yearly trends in
crime types.



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Focus

- The visualization focuses on all types of crimes and their trends in Malaysia.
- Heatmap provides a granular view of crime cases per state.

TITLE: CRIME RATES IN MALAYSIA

AUTHOR: ABBIRAMI JEGAN

DATE: 15 OCT 2024

SHEET: 3

TASK: ENTOGRAPHIC POSTER

Operations

- * Users can filter by type of crime.
- * Hover and tooltip provides more eccentric details from all charts.

Discussion

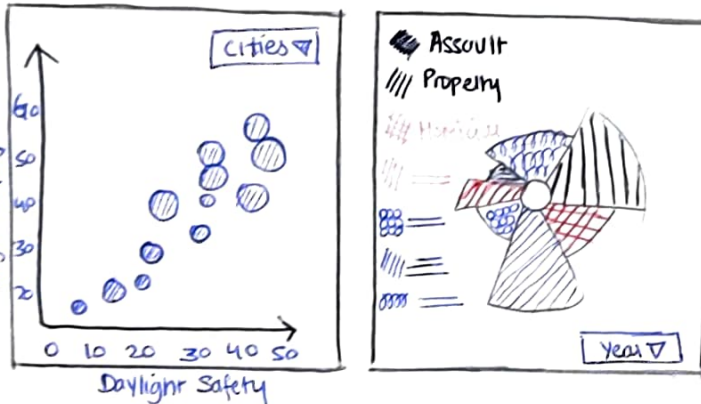
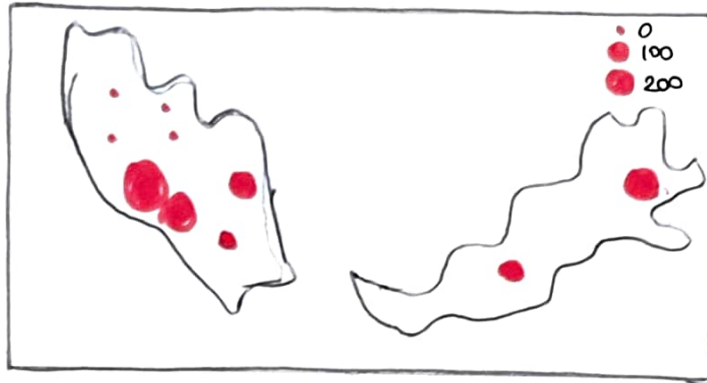
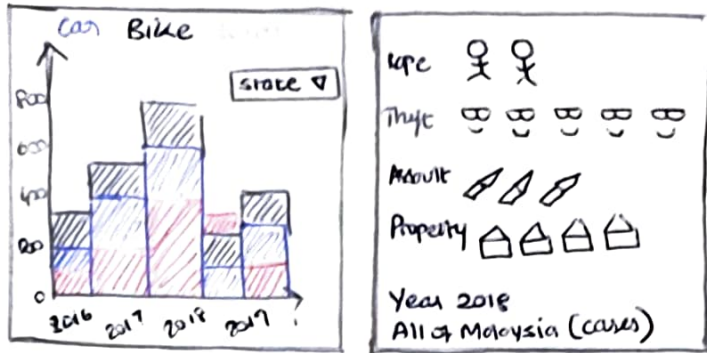
Advantages:

- * Allows users to compare crime trends by type of crime.
- * Provides user with adequate information to analyze crime pollution in Malaysia.

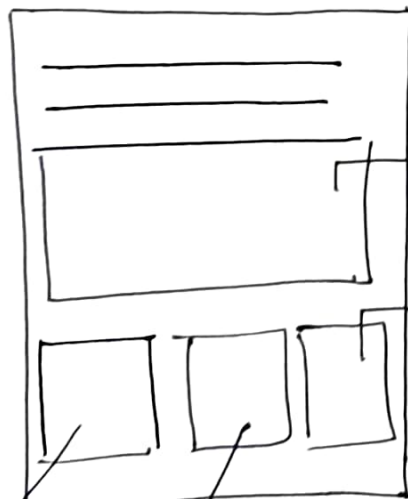
Disadvantages:

- * Not enough visual elements.
- * Too many words and whitespaces.

Layout



Focus



TITLE : CRIME RATES IN MALAYSIA

AUTHOR : ABBIRAMI JEGAN

DATE : 15 OCT 2024

SHEET : 4

TASK : INFOGRAPHIC POSTER

Operations

- Stacked bar chart and Scatterplot. With dropdown menus.
 - User input city or state to view crime information
 - Interactive elements in the map.
- Hover and tooltip for all charts and graphs.

Discussion

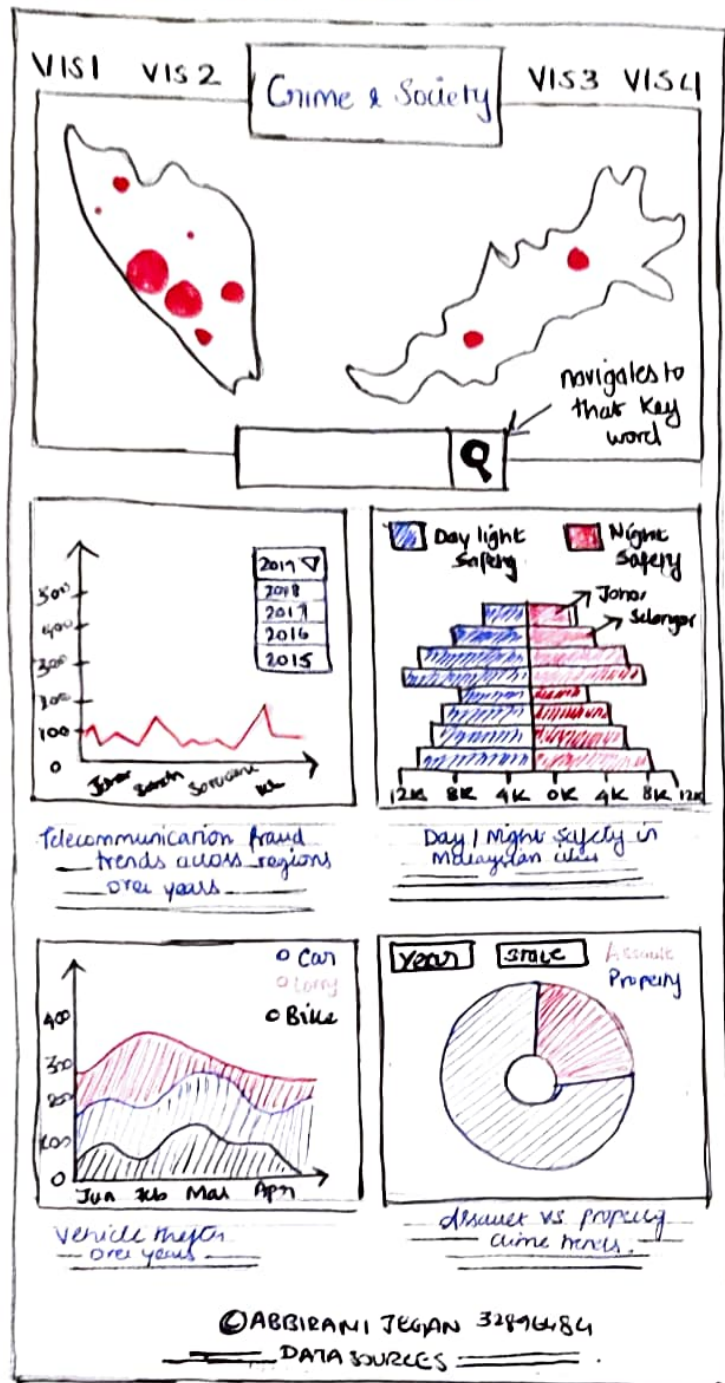
Advantages :

- * Holistic Insights
- * User Engagement
- * Clear communication
- * Data accessibility

Disadvantages :

- * Technical demands
- * Design complexity (Interplot charts)
- * Overwhelming Information.

Layout



Focus

- Main focus is the Malaysian Map which shows the number of cases in each state.
- Storytelling and tying all paragraphs together.
- Emphasis on annotations to guide the user.

TITLE : CRIME RATES IN MALAYSIA
AUTHOR : ABBIRAMI JEGAN
DATE : 15 OCT 2024
SHEET : 5
TASK : INFOGRAPHIC POSTER

Operations

Hover or tooltip :

- * Line chart, stacked area chart, map, horizontal butterfly chart and donut charts all when you hover over them gives more details like crimes, number of cases, types, etc.

Filter :

- * Filter detailed yearly fraud cases.
- * Selective interactive filter to see only item you chose and gray out the rest.

Discussion

Advantages :

- Comprehensive data representation
- Interactive Elements.

Disadvantages :

- Visual Clarity
- Performance issues