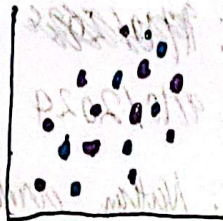
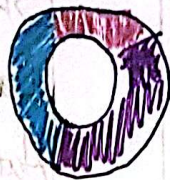


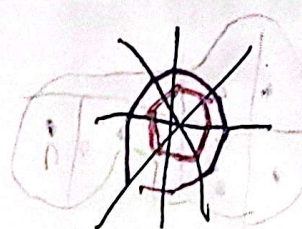
stacked bar



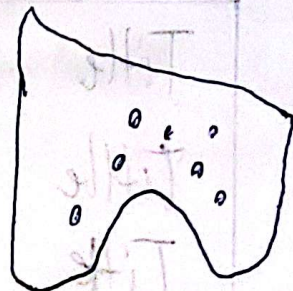
scatter



Donut



Radar



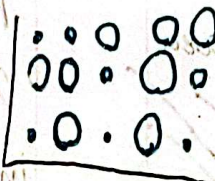
symbol map



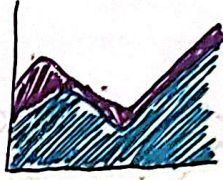
parallel sets



line graph



Punchcard



Area chart



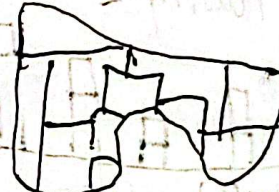
Pyramid



histogram



Bubble chart



choropleth

Combine and re-use

can combine symbol and choropleth for comparison.

line and area can be used for over time

filter - parallel X pyramid X

line & area ✓
stacked bar ✓

punchcard for time

Questions

is there enough diversity in displays?

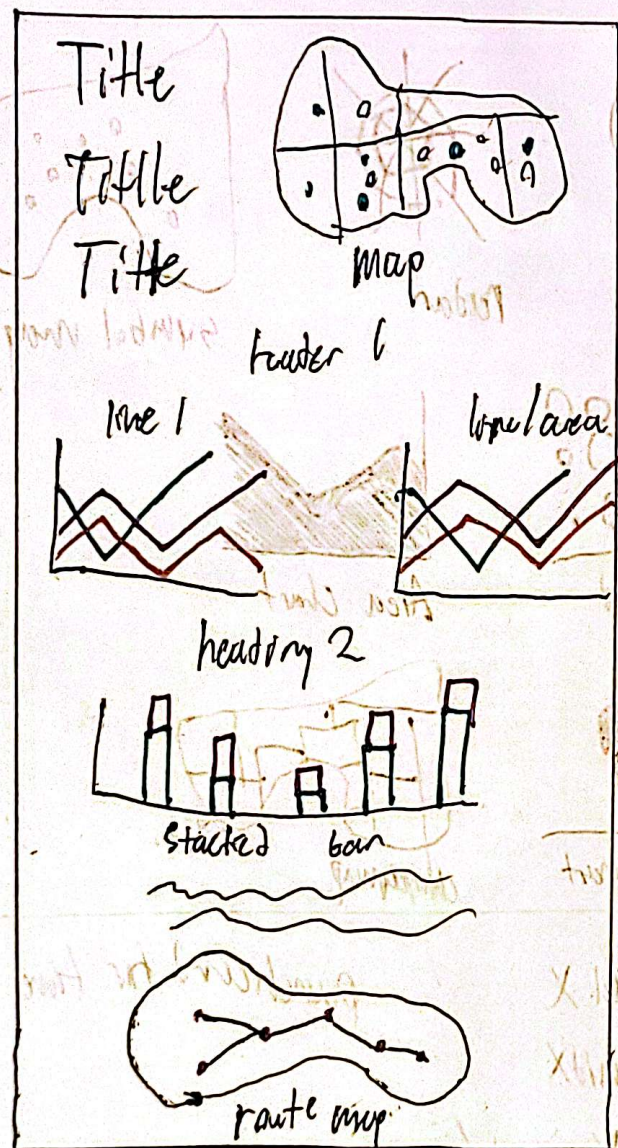
will the visualization be intuitive

Categorize

Categorical
line name
station name
station ~~name~~ location
origin station
day of week
day type

Quant
passenger - boarding
- alighting
- arrival lost
- departure lost
station lost & long

lay out



Title: ~~Australian~~ transportation
Victorian

Sheet: ~~1/10/2024~~ & 2

Date: 9/10/2024

Author: Nathan - andrew Howard

Operation

main VR is the map
at the top while bottom
map allows viewers to see the
routes and connections of the
PTV network

2nd section will contain over time
data on ~~the~~ cars vs train passengers
over time

3rd will be daily information on
PTV passengers

focus

The main focus will be the 1st section
with the symbol-dot-plot map that
will be zoomable and allow users to
filter through time.

Discussion

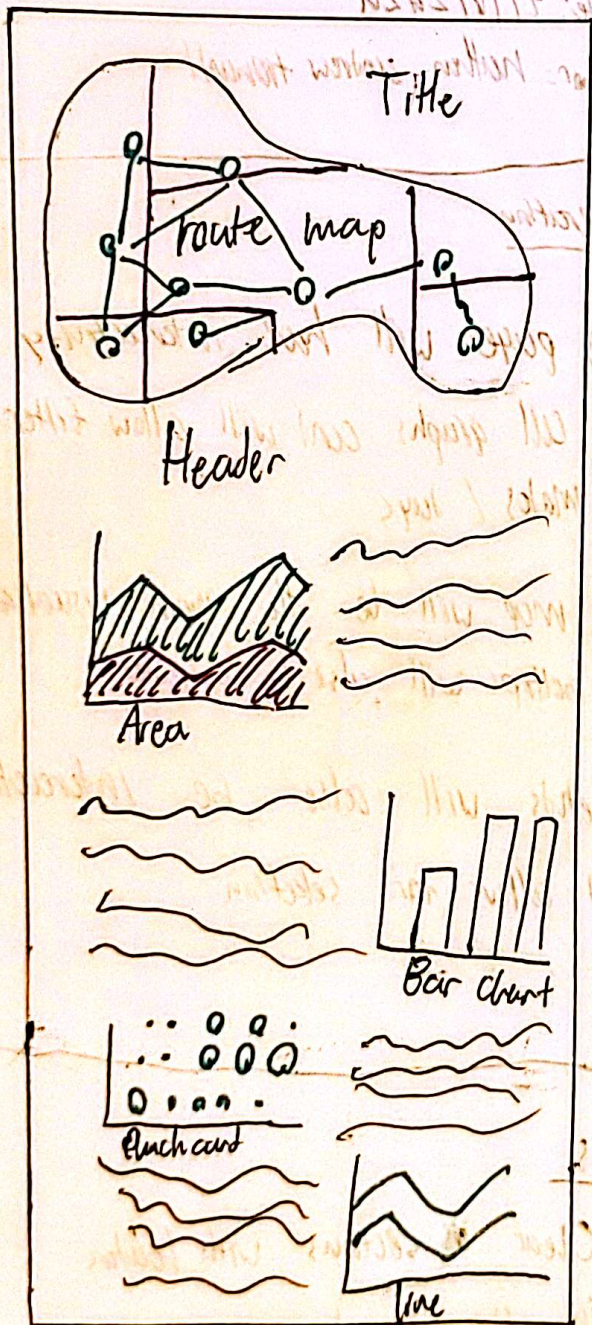
Pros

- structured flow

Cons

- too much space given to bar
- not enough space for line
- not enough text

Layout



Focus

The main map will allow users to see the correlation between access to stations vs the need for a personal vehicle

Title: transport interface
Sheet: 2
Date: 9/19/2024
Author: brendan carter/tonard

Operation

The first map will show the availability of metro

routes and the registry of new vehicles which will allow users to hover over their chosen station to see the connectiveness

The bar and line chart will be able to show a time filter to enhance interactivity

Discussion

Pros

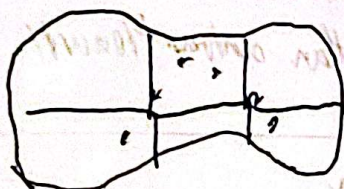
- newspaper style
- can be created to flow

Cons

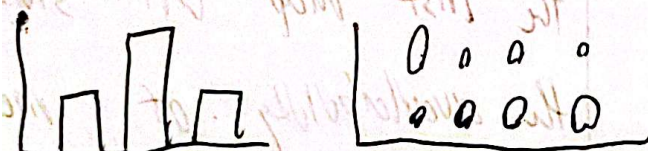
may be too much text

- hard to keep viewer engaged

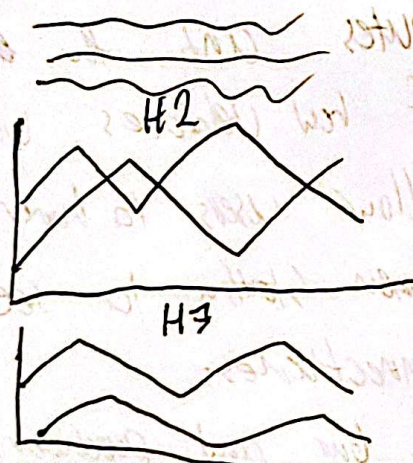
Title



Heading 1



0 0 0 0
0 0 0 0



Title: transport in australia

Sheet: 4

Date: 9/10/2024

Author: Nathan Andrew Tranter

Operation

This page will have interactivity on all graphs and will allow filters for males / boys

The map will be the main visualization the tooltips will also be adjusted

legends will also be interactive and allow for selection

Pros

- Clear sections with leaders
- Interactive elements

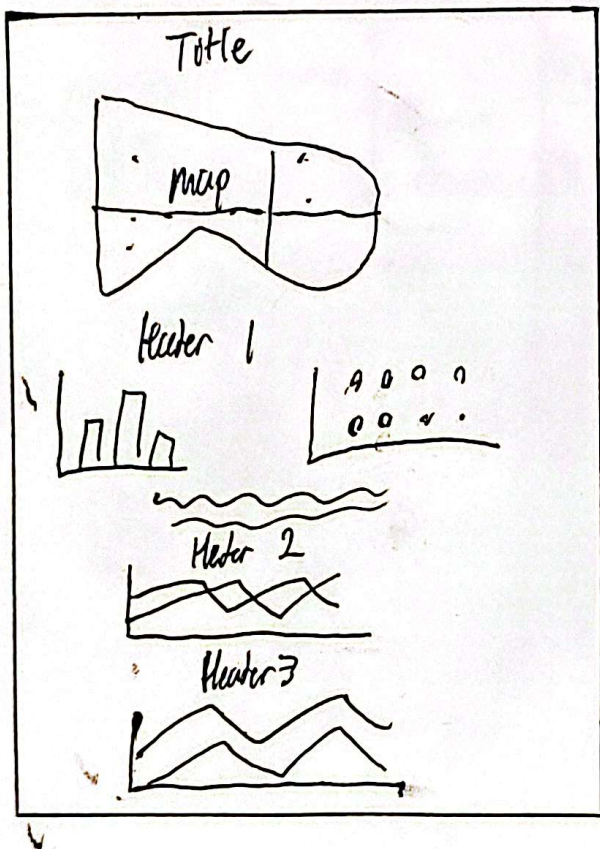
Cons

- May be lacking in text
- ~~over~~ simplistic style

The focus is the map, line & area which all have some interactivity allowing the user to come to conclusions themselves

Layout

Based off sheet 4



Focus

The visualisations will be interactive and allow the user to explore the data on their own while still being immediately clear.

Title: transportation in Victoria

sheet: 5

Date: 9/10/2024

Author: Nathan Andrew Thomas

Operation

it will be the same as sheet 4 with interactive visuals as the focus.

less text due to simplistic nature of the visuals

hoping the viewer understand the visualization would better allow them to remember it

Detail

Will use CSVs and R for data processing as the data is too large for Vega lite

- Vega lite breaks the visuals