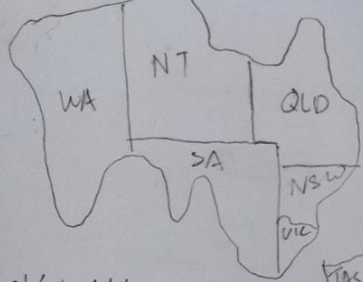


1. Ideas

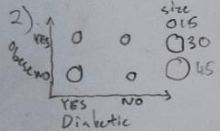
1) Choropleth map of Aus



% of obesity

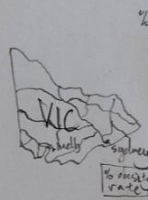
• quantitative data shown
• qualitative for map
• shows how each
Aus state is different

risk factors of diabetes



• quantitative
• qualitative income
• Area comparisons
not ideal

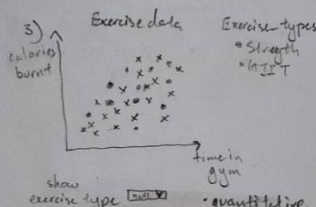
4) detailed choropleth map filtered using first map



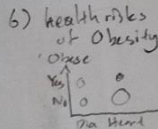
% of obesity

• quantitative
• qualitative

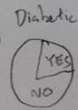
risk factors of diabetes



shows exercise type



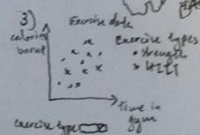
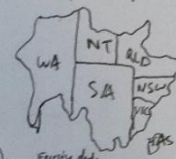
• quantitative
• qualitative



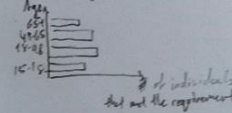
5) Age Aus physical
• quantitative

2. Filter

1) Choropleth map of Aus

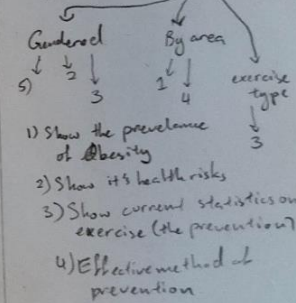


5) Aus physical



3. Categorise

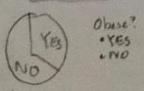
categorise data into



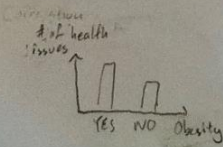
4. Combine & Refine

- 1) and 4) are combined into one choropleth map
- Combine 2) & 7) to produce a pie chart that can show the data

mess: Diabetic



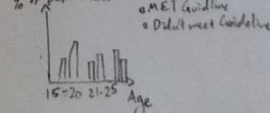
- Combine 2) & 6) and change it



5. Question

- Is the link between visualisations clear enough?
- Are there better ways to display data

- Refine 5)



• MET Guideline
• Didn't meet Guideline

Title: Dashboard style data visualisation

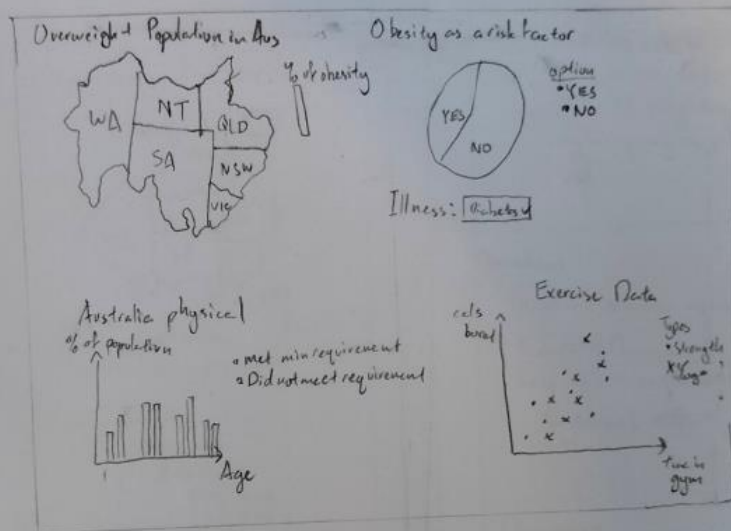
Author: Joshua Tan

Date: 8/10/2024

Sheet: 2

Task: Create a compact visualisation that lets the visualisations do the story-telling

Layout:



Operations:

- The pie chart is the most interactive.
- Users must navigate drop down menu to see different disease

Illness: ☒ Diabetes

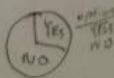
Pro/Cons & Discussion:

- Simple visualisation allows users to explore the data with minimal guidance.
- Having no text to elaborate on the data also leads to a higher data-to-insight ratio for better information density.
- Allows some data to be misinterpreted.
- Is there enough interactivity?
- The dashboard looks cluttered and random at first, no clear viewing path makes it difficult for story telling.

Fours:

The idea of the vis is to demonstrate that obesity is an occurring issue with negative health side-effects and how to most effectively prevent that.

The pie chart is used to show different diseases



Title: Beautified layout

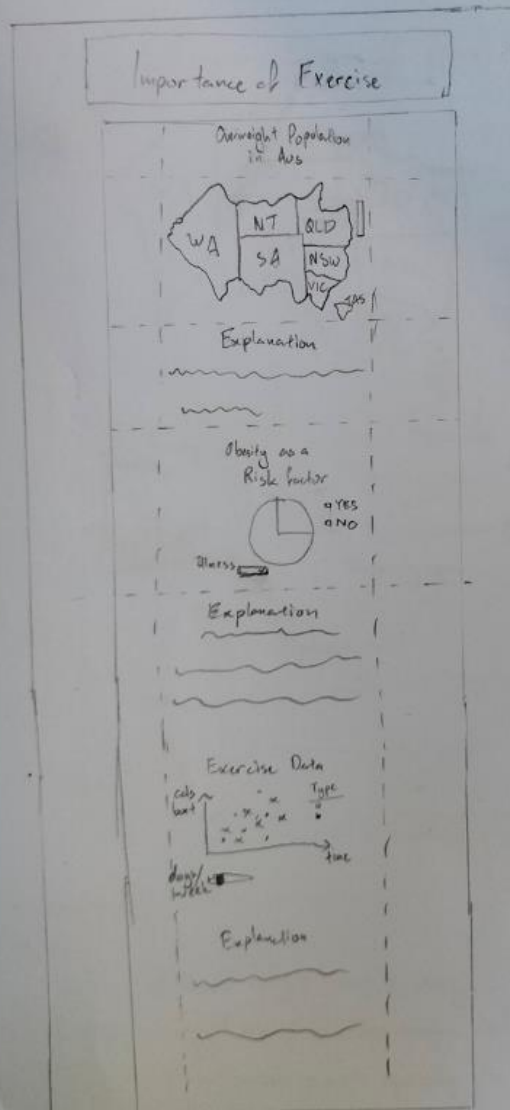
Author: Joshua Tan

Date: 8/10/2024

Sheet: 3

Task: To create a visualisation that incorporates all layout rules

Layout:



Focus:

Starts at visual centre
Simplifies viewing path to only move in one direction
Make the storytelling very clear by having only one place to start and

Operations

- Pie chart selection menu ☐ Disabled
- Exercise Data can be filtered out more info is extracted
- days/week ☐

Discussion

- The simplified layout means the visualization's user flow is very clear, clear sight lines are established, it remains symmetric & balanced and the viewing path will naturally lead customers into discovering the full visualization or small details.
- This layout requires a bit of scrolling.

Title : Beautified layout

Author : Joshua Tan

Date : 8/10/2024

Sheet : 4

Task : Create a layout that is more interesting to look at.

Layout:



Operations:

• Legend of Exercise date

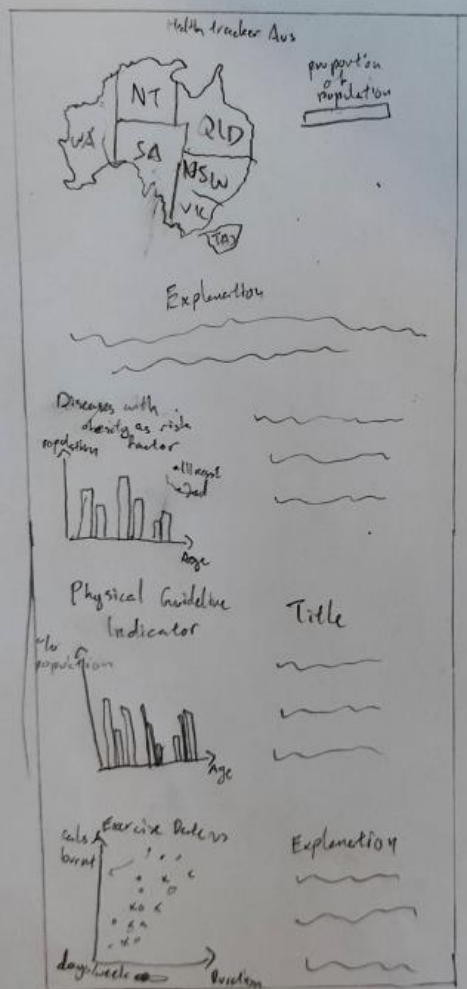
Focus: Emphasis on the choropleth map that shows the prevalence of obesity in different parts of electricity

Discussion:

- Too few idioms to fully present a story.
- The sightline might not be clear enough and cause confusion about what and
- But this visualisation is more appealing. The different placement makes the article more interesting to view.

Layout:

Importance of Exercise



Title: Final Sheet 5

Design - the Author: Joshua Tan

Date: 11/12/2024

Task: Final implementation of designs.

Operation:

All relevant data is loaded.

used to filter certain data, or info only 2nd idiom not initial

Detail:

- Users can explore data at their own pace.
- The sightlines are clear. There is a clear visual path that tells the story.
- The most customizable board is the exercise data at the end, where users can freely explore that if they're allowed to extract they're

Focus:

- There is a focus on the map initially as it's placed at the visual center and the viewing path continues from there, straight down.
- This relies heavily on the story telling in design.
- The focus of this visualization is for users to become aware of health issues and become healthier, this will allow them to move through the visualization smoothly.