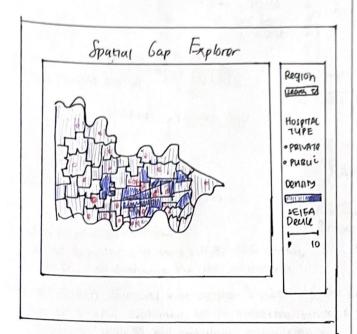


Summarise and question

- · Do these provide a comprehensive viewfor policymaker & public about healthcome access and equity in Victoria?
- " Will they narrate a dear, insightful otdry? Are they inminive Moual forms?
- · Fearility with Vegat Vega- Lite took?



Spana Gap Explorer

Main Essence: Reveal of hospitals are located where population clusters are highest, and highlight underserved Local Government Areau.

Purpose: help user quickly identify which are as in victoria are better serviced relative to population clusters, and vice votige.

Sheet 2,3,4
Name Virani Aboston
Date Of /10/2025

Title Spanal Gap Exploror

hospital location, highlighting graph in hacts tears service across Victoria

Components / Operations

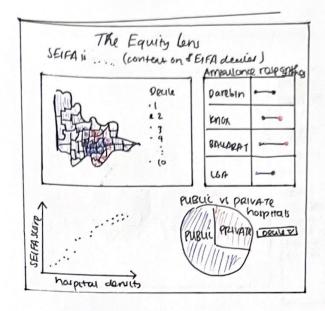
- · Map Panal: choroplea by derivery
- · Overlay: Hospital points
- · Sidebar : Region Futer Tregion &
 - · HOSPITALTYPE FILTER
 - . SEIFA ORDIR Hitter (from 1-16)
 - · Density legend
- · Tooltip: hover on hospital (resion for information on the item Hospital-) name, type area-) population density, area name/code
- · components: 1 map
 - 2 points
 - 3 sidebar a. filters b. lesend

Pro & Cons

Pros: durect spatial equity duplay,

Cons: may lack context on business other non-spatial

· combining out datass /
by Idio'n minimues
user engagement /interpyt





- . The Equity lens
- · Main Essence: Identify visually which so cially disadvantaged areas lack needs hospital access
 - · Layer Vic's LGA regions with SEIFH deale, highlighting interplay of so way disadvantage & hospital coverage.
 - · Encourages personalised exploration, increasing engagement & awaronoss around equity (5500).

Sheet 2,3,4 Name Virani Abustan Date 9/10/2025

Title Equity Lens

Description Visuality Victoria's socioeconomic disadvantage, showing hospital access gaps in vulnerable regions.

Components / Operations

*SEIFA map, ambulance response time Lower chart, selfa score vs hospital density scatter plat/line chart

overlay:
· hospital dots

Deopooun/Filter:

· different deale scores (1-10)

L(an also affect the pie chart

f 10111ppp chart

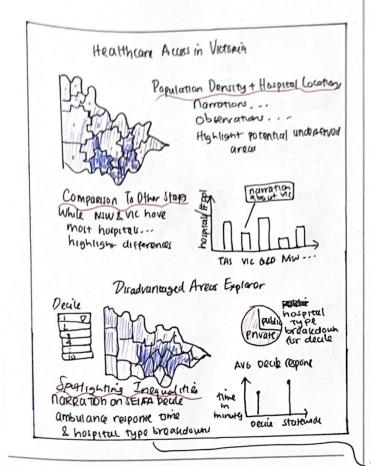
e.g. user clicus on deale 5 on
map legend -> Lowpop chart
showcases ambulance response times
for deale 5 areas + average
hospital type breakdown for the
deale 5 areas

TODLTID: Show SEIFA score

Pro & Cons

Pros: reveals complex social equity issues not visible in pure spatial analysis

Cons: Mure for policy maker aucheng Llep for pushic users (Interpreting source onomic indexes) (Requires stronger assistive namative for each idiom.



Healthcare Access & Ourcomes Morrarive

Essence: Linu geographic & soual dimensions to healthcare outcome in a story-line progression.

- Allows were to follow trends in ambulance responde times, mospital types in relation to SEIFA decile.
- · Highlights key takeaways for gaps in hauthcare delivery.

Sheet 2,3,4 Name Virani Aboutan Date Q/10/2025

Title Access & Outcomes Stopyline

Description A storyline dashboard linking where, who, and change over time that healthcare access in victoria.

Components / Operations

- o Choropleti Map: population density

 thospital locations

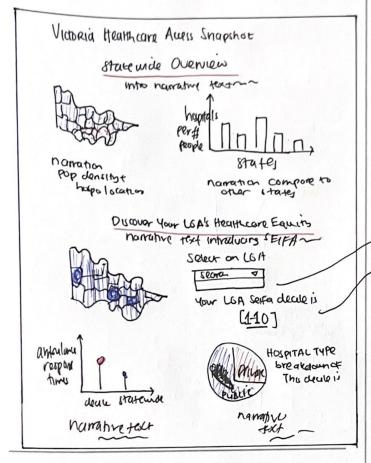
 overlaid
- o Bar Chape: states composision
- · Choroplet Map: SEIFA deciles the in every to rail Government Area (ordered)
- o piechope: hospital type breakdown in each decile on avorage
- o Lampap chart: average amemance response time in the selected device is stateman
- thoughout the vivaluation
- o annotation: on bar chort & other choes to highlight observations to An I

Pro & Cons

Pros: much-faceted, blands stanshical view with storytelling

Cons: Requires more data cleaning for aggregate decile data Cpie charm lollipop charm

- Needs to talance and narrative positioning with idions to better shill appear coherine & disentile for men



Victoria Healthcare Alless Exploror/Snapshor"

Main essence:

- · User-centred, insightful expose on how hospital locations & admissions relate to population & disadvantage.
- enabling were from general auchonas

 Despero to explore heathcare access in

 Victoria spanally and socially with clear

 metais & interactive elements that promote

 personal relevance & policy insight.

Sheet 5

Name Virani Abustan Date 10/10/2025

Title Victoria Healthcare Access Snapshot Description

A comprehensive, interactive dashboard integrating spatial & sociseconomic factors with hospital access, ambulance, and comparison to other states data. This does board empower policy makes & the public with clear insight on healthcare equity across Victoria.

Components / Operations

- · Choropleth maps with overlays & filters
- · Interactive dropdown/search for USA

 selection
- > Dynamic display of selected LGA SEIFA deale text
 - · Lallipop chart emphasising comparative ambulance response times.
- · Pie chart of hospital types
- · Nametive text blocks tied to current data views & most of idioms
- · Clear tooltips for each Idiom

Details

Pata Source: ABS :- census data (pop.

- LGA boundage

- SEIFA scores & deciles

- · MyHospitals API: hospital location, names
- · Vic Agency for Health Information (VAHI): ambulance response times by LGA

Technical Approach: Vega & Vega-Lite for interactive maps & chara, Vega-Embed to integrate the charts into a webpage.

Peroxine: narrative-driven design, responsivences, accessibility

Estimated time: 2-3 works including refinement