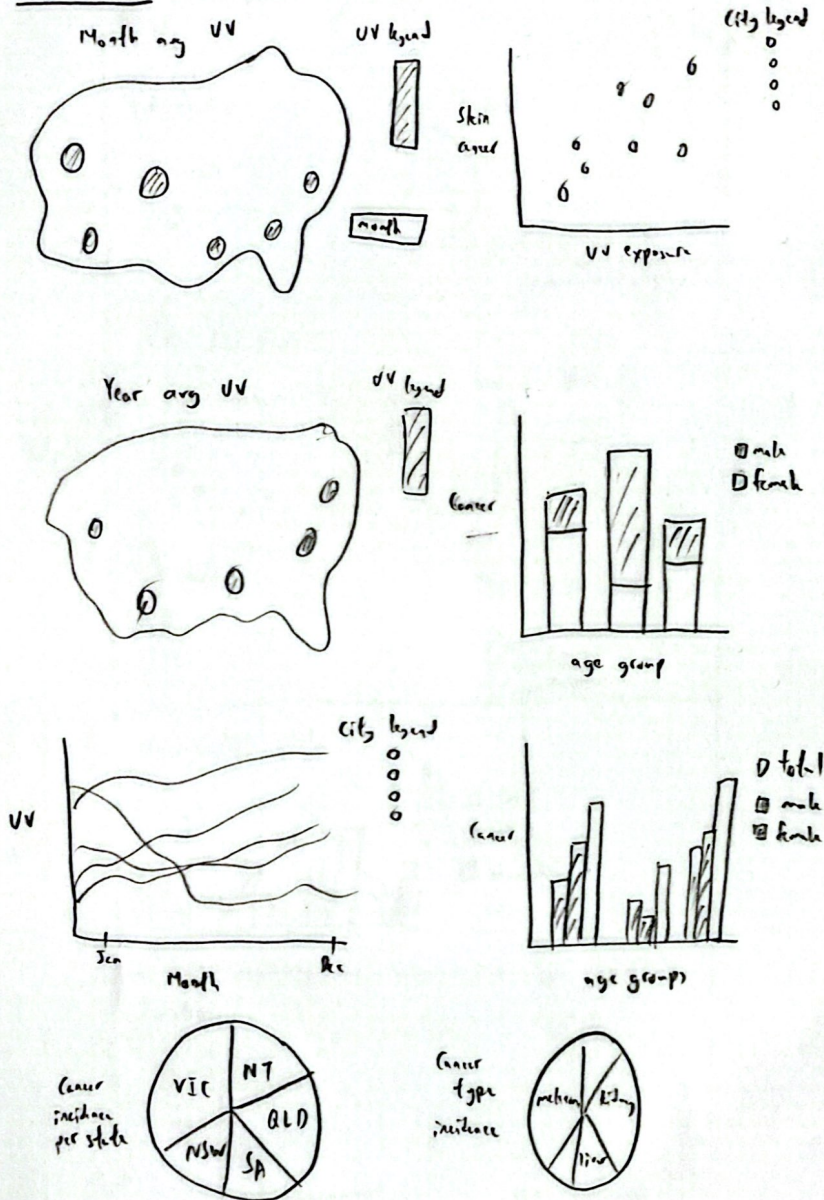


IDEAS



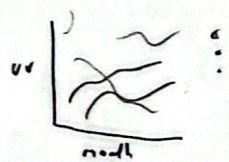
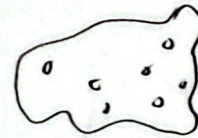
FILTER

Cancer type distribution:



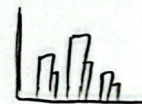
for intro, to show relevance of skin cancer in AUS

Monthly UV exposure in cities:



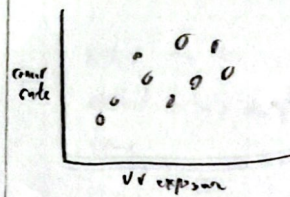
Show UV exposure in each city over time

Demographic data:



show the ages and genders at risk

Correlation:



Show correlation between UV and cancer

CATEGORIES

Intro/cancer type distribution

↓

monthly exposure map

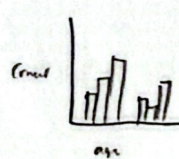
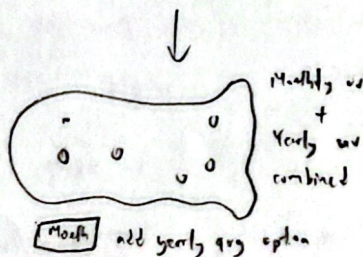
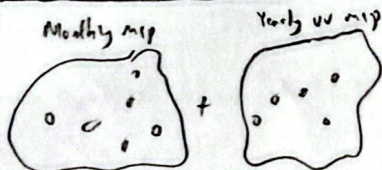
↓

Demographic data

↓

Correlation

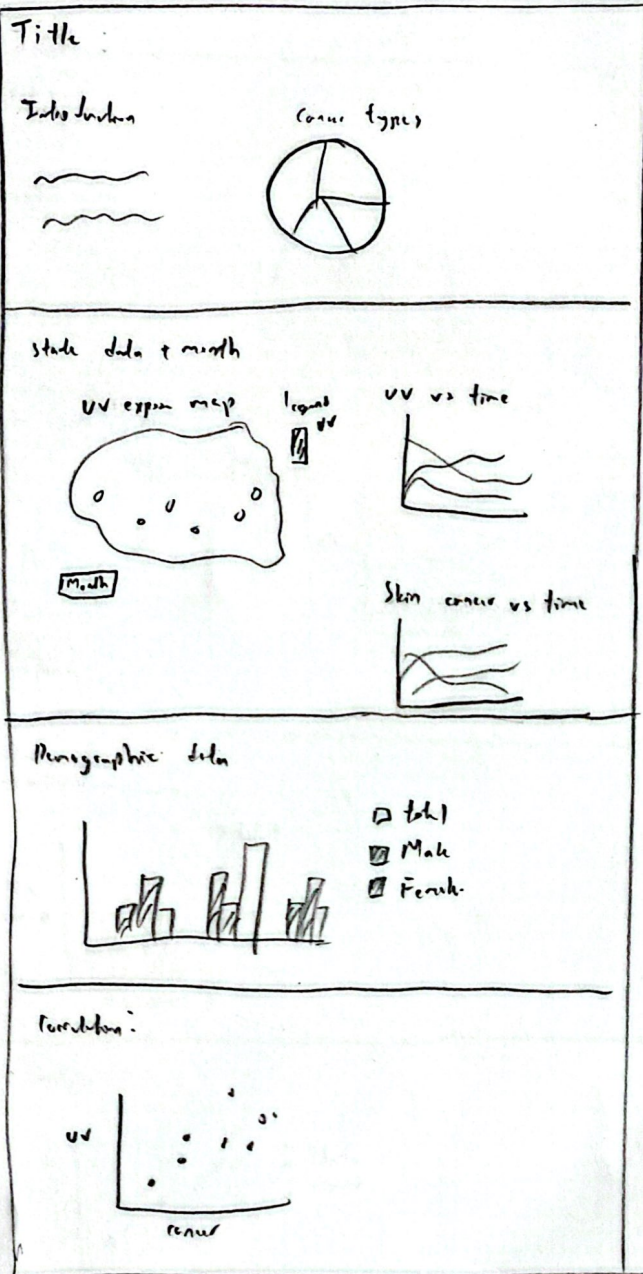
COMBINE AND REFINE



Use grouped bar chart instead of stacked. Easy to compare sexes and total for all age groups

QUESTION

1. Does it tell about UV exposure and potential risks? yes
2. Possible to implement? Yes

LAYOUT

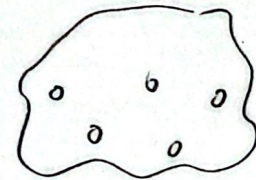
Title: UV exposure and skin cancer in AU

Author: Marcus Vu & May Kieu

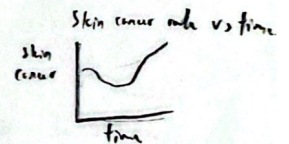
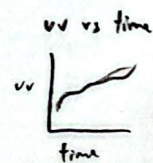
Date: 13/10/2025

Sheet: 2

Topic: Vis 2

OPERATION

Click on a city



Filters the line graphs to show the clicked city's data (UV and cancer) over time

FOCUS

Introduction with a cancer type pie / donut chart to show skin cancer relevance

city data shows city data with clickable filters to set for different city data on the line graphs

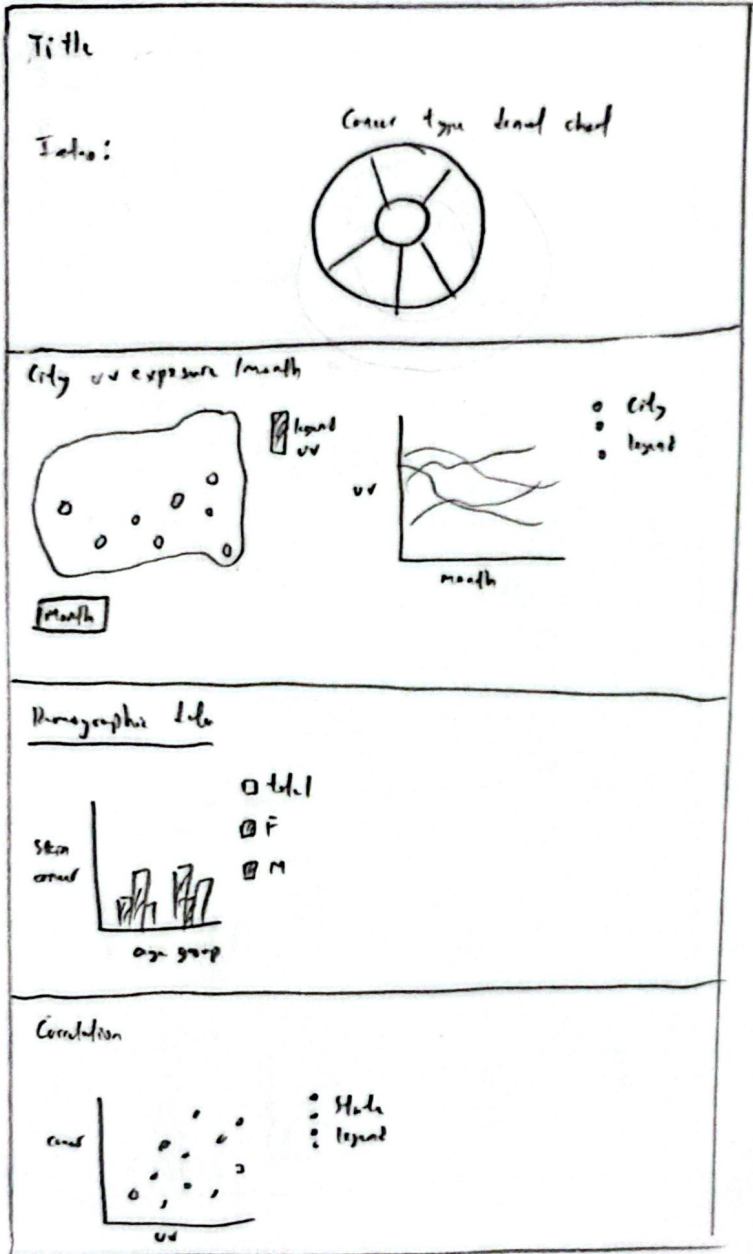
Demographic data show people at risk

Correlation to conclude and link UV exposure to ^{skin}cancer

DISCUSSION

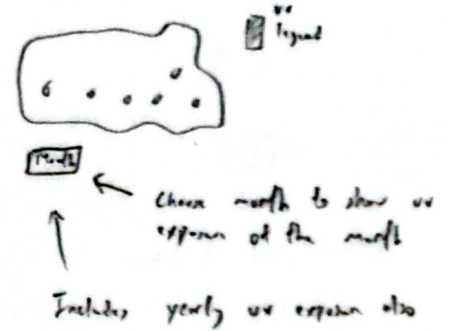
1. Possible? No, did have city specific skin cancer rates over the whole year data.

2. Story telling? yes



Title: UV exposure and skin cancer in AUS
 Author: Monu, Var, Man, Meen
 Date: 13/10/2025
 Sheet: 3
 Table: Vis 2

OPERATION



Legend

○

○

○

○

← Allow to highlight by clicking on legend

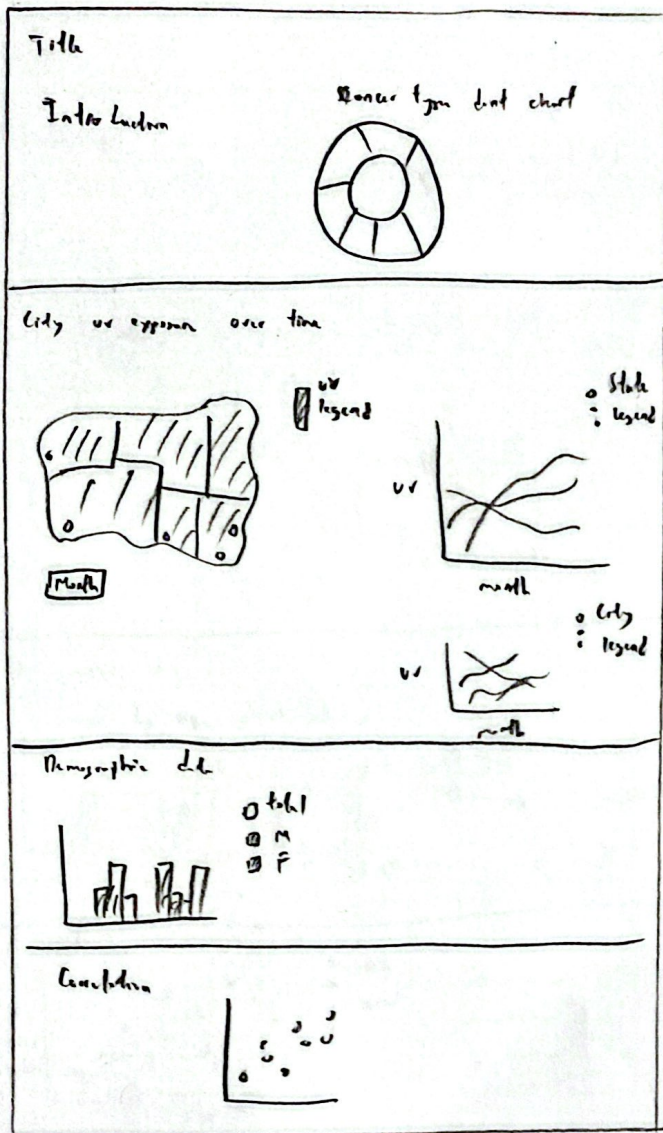
Focus

Same focus as Sheet 2

Simpler 2nd part to show monthly trend of uv exposure in each city.

DISCUSSION

1. Possible? Yes, enough data
2. Interactive? Yes, but less than sheet 2
3. Informative? Yes, still tells about the main topic and goal of the vis.

LAYOUT

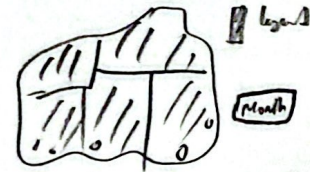
Title: UV exposure and skin cancer in AUS

Author: Moana Vee M-1 King

Date: 13/10/2025

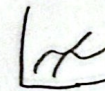
Sheet: 4

Task: Vis 2

OPERATION

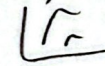
Same as sheet 3, but showing
State uv as a choropleth map
and important cities uv as circles.

State



Also has a state uv
trend instead of just
city

City

Focus

Same as before (Sheets 2 and 3), but showing state data
also, to show both city and state data. Allowing for comparison
of wider data and more dense data
(State) (City)

DISCUSSION

1. Possible? No, don't have state uv exposure data over time, only city
2. Interactive? Yes
3. Interactive? Yes

