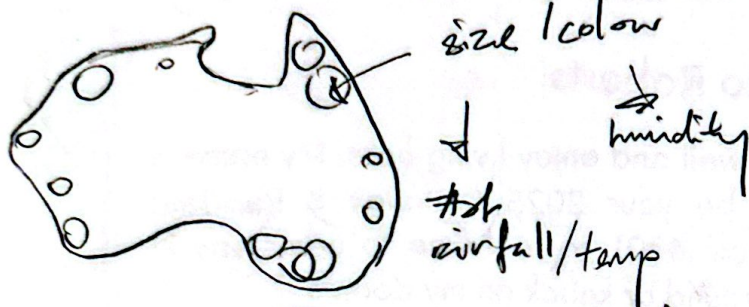


IDEAS

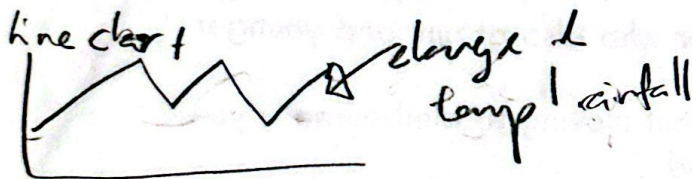
Weather in Australia → UV
 ↓
 rainfall temperature wind



scatterplot
 rainfall vs temp

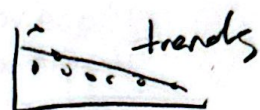
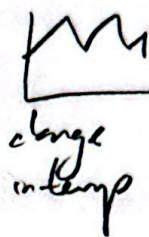


line chart



FILTER

①



CATEGORIZE

Trends

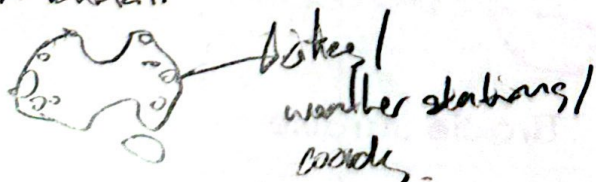
↓
 map

↓
 rate of change

↓
 weather patterns

COMBINE & REFINING

rainfall

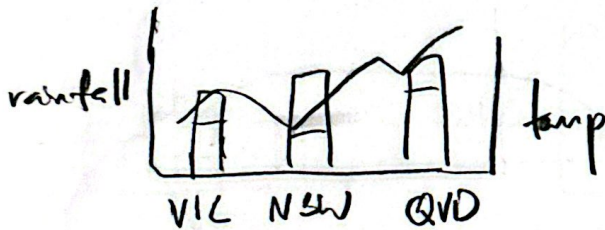
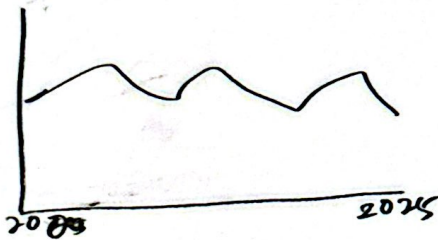
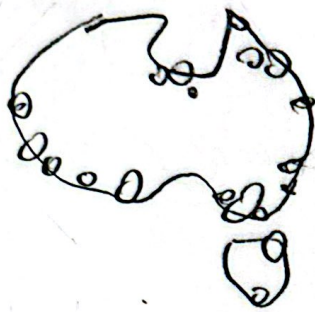


Questions

- How does climate / rain / temp in different cities differ
- what is the relationship between rain & temp.

LAYOUT

Amount of rainfall



Title: rainfall visualizations

Author: Shi Chen Lee

Date: 15/10/2025

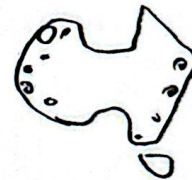
Sheet: 2

Table: data vis 2

OPERATIONS

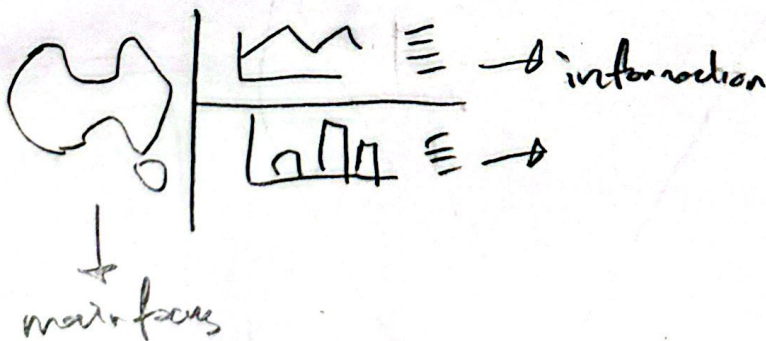


Allow users to select state data to display



size = amount
colour = temp / humidity

FOCUS



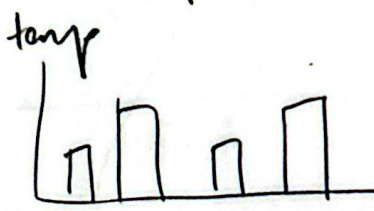
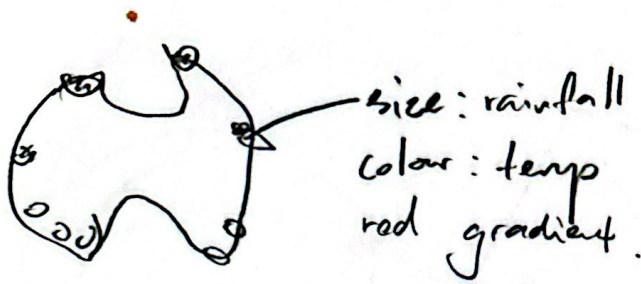
Discussion

Is the information suitable for a story

does it tell a cohesive story

is the layout suitable for maintaining focus.

LAYOUT



makes a stronger comparison
between temp & # rain

Title: rainfall vs
temp

Author: Shi Chen Lee

Date: 15/10/2025

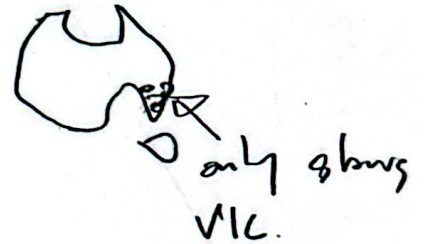
Sheet: 3

Task: data vis 2.

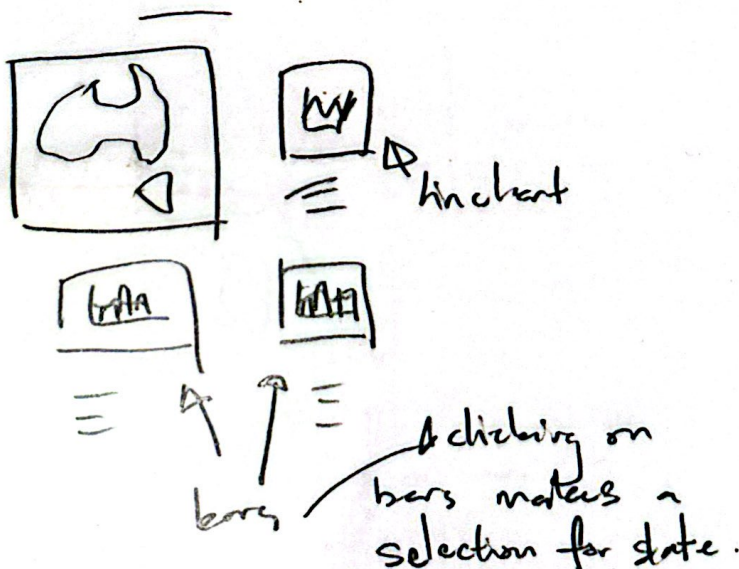
OPERATIONS

Allow user to
select states
for the whole visualization

selection: VIC



FOCUS

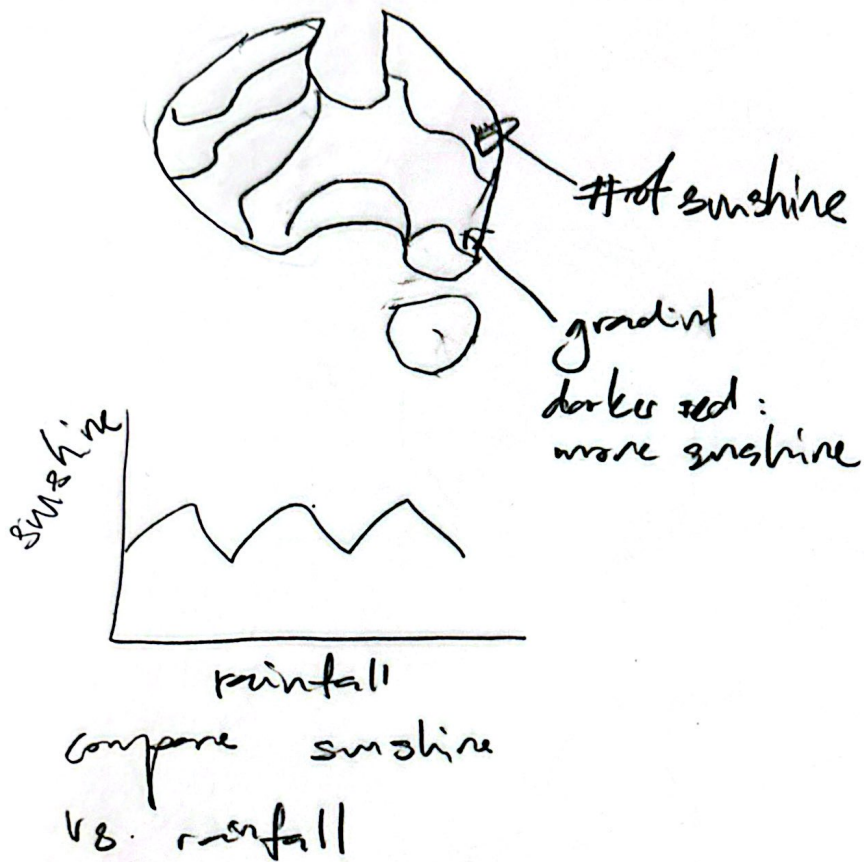


Discussion

more information
on the map.
more compelling story
The operation for
selecting states is a
good idea.

LAYOUT

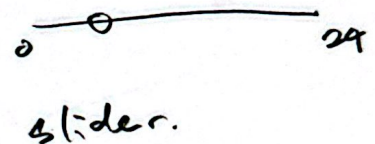
Rainfall vs Sunshine



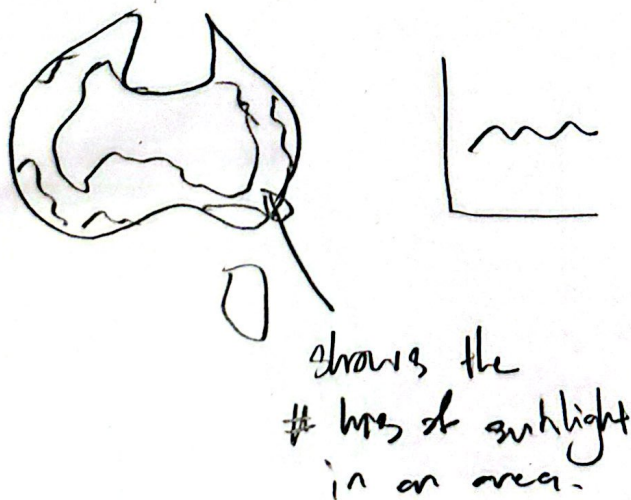
Title: rainfall vs sunshine
Author: Shi Chen Lee
Sheet: 4
Tree: data vis 2

OPERATIONS

Allow users to adjust # of sunshine to be displayed



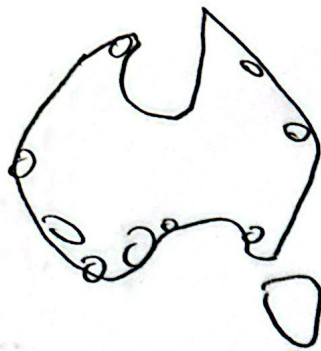
FOCUS



DISCUSSION

Not sure if the map is possible complex & hard to find data.

LAYOUT



show rainfall
using bubbles.

sunshine vs air



Just show
major
cities.

temp vs rain



legend



cities are assigned
different colors.

Title: Australian
rainfall

Author: Shi Chen Lee

Date: 15/10/2025

Sheet: 5

Task: Final design

OPERATIONS

let user select
cities by clicking
on the legend

○ —

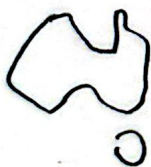
○ —

○ —

○ —

marks for other
cities become
transparent.

Focus :



top-down
sightlines

easy for
user to
read

DISCUSSION

combines a variety
of attributes

multiple ideas for
exploring our datasets.
simple to implement.