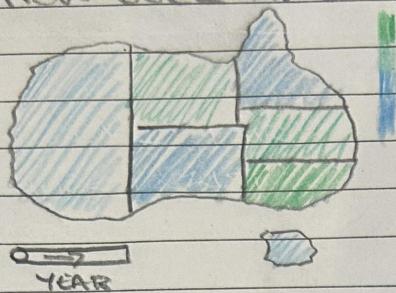
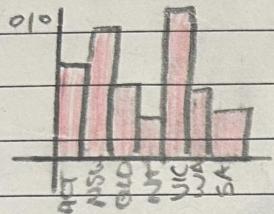


IDEAS

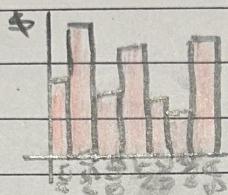
→ POPULATION OVER TIME



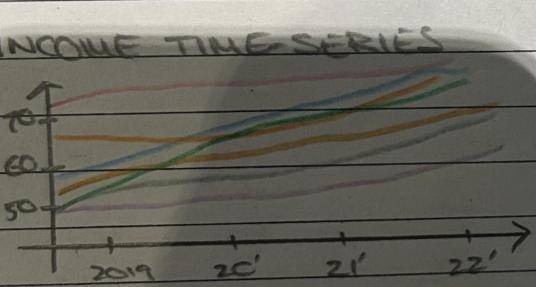
→ PROTECTED LAND



→ TOTAL BUILDING VALUE

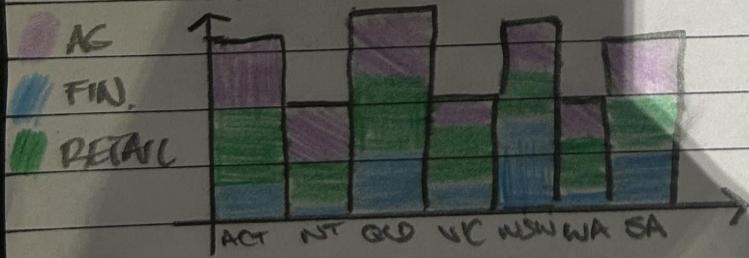


→ INCOME TIME SERIES



STATES
○ ○ ○ ○ ○
● ● ● ● ●

→ INDUSTRY BUSINESSES



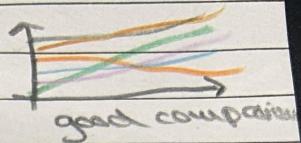
QUESTIONS

- ① IS VEGA-LITE CAPABLE OF THESE
- ② CAN I GET A TOPOLOGY OF AUS STATES?
- ③ IS THE BUBBLE CHART A GOOD REPRESENTATION OF DATA?

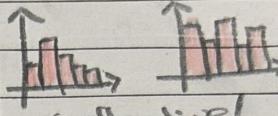
FILTER



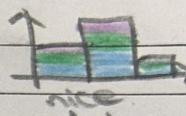
shows geo.



good company



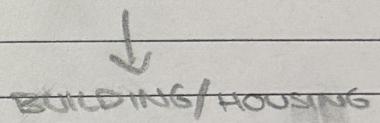
ineffective /
duplicate



nice
data
presentation

CATEGORISE

POPULATION

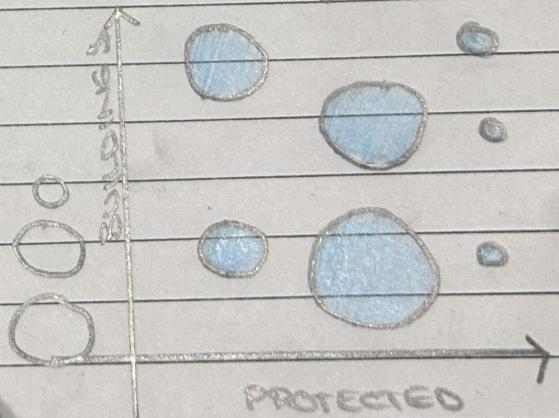
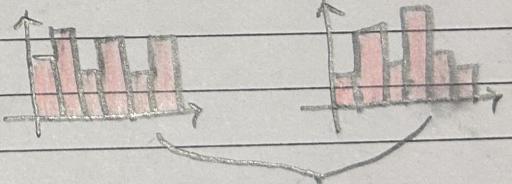


BUILDING/HOUSING

INCOME

BUSINESS

COMBINE + REFINISH

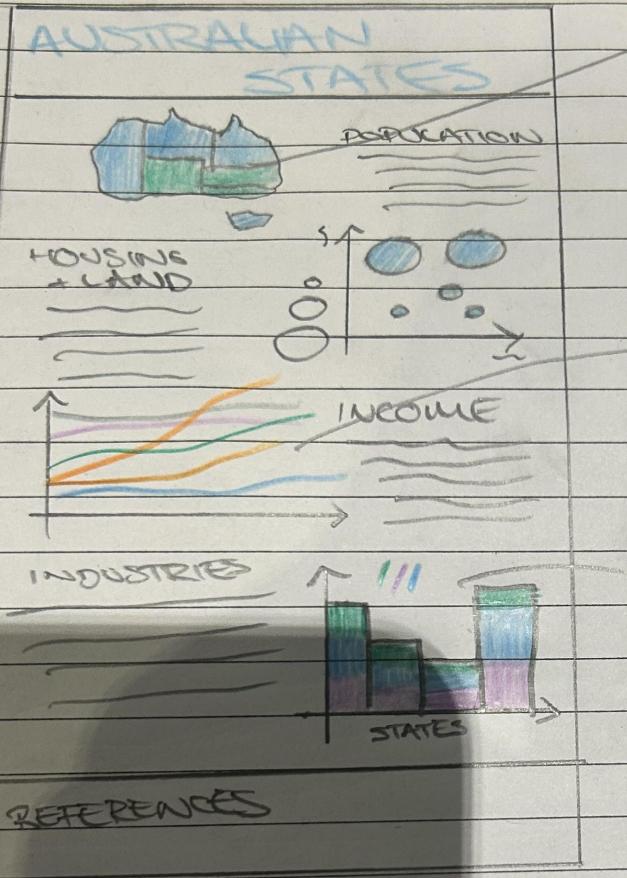


PROTECTED
LAND

TITLE - FLOWING WEBPAGE
AUTHOR - LACHLAN TATE
DATE - 6/10/2024
SHEET - 2

TASK - DESIGN A WEBPAGE THAT FLOWS

LAYOUT



OPERATION

→ Can hover over the tool-tip to get a count and the state name

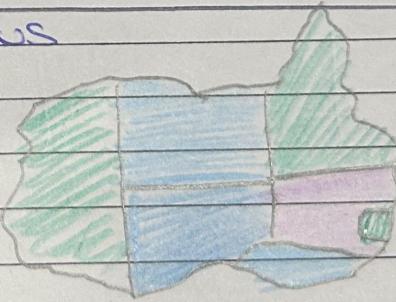
→ Each line is also colour-coded to show the state

→ It has a legend to show which industry each colour is.

DISCUSSION

- The sight lines are very strong
- Do we need an image at the top?
- Should the colours be more cohesive
- Should the colours have a background of some kind?

FOCUS

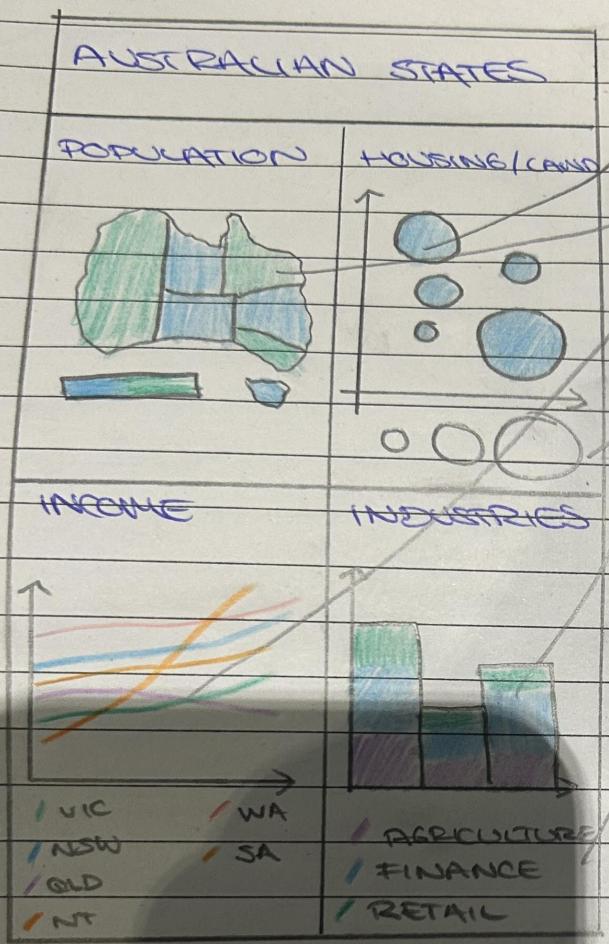


- main focus is the map
- Colour-coded with bins
- Captures biggest population in darkest colour.

TITLE - GROUPED WEBPAGE
AUTHOR - LACHLAN TATE
DATE - 08/10/2024
SHEET - 3

TASK - CREATE A
GROUPED WEBPAGE

LAYOUT



OPERATION

→ All items will have tool-tips, to give more information

→ Lack of text highlight the important data

→ Legends track the colours associated with the data type.

DISCUSSION

→ Is not having a text for the graphs a good thing?

→ How can we code this in CSS/HTML?

FOCUS

POPULATION	HOUSING
INCOME	INDUSTRIES

→ Focus is the 4-panel display

→ Highlights the four key categories of data, with allowing them to separate the distinct graphs

TASK - BLOCKED WEBPAGE

AUTHOR - LACHLAN TATE

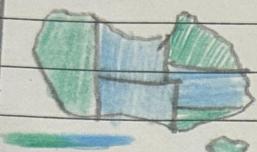
DATE - 08/10/2024

SHEET - 4

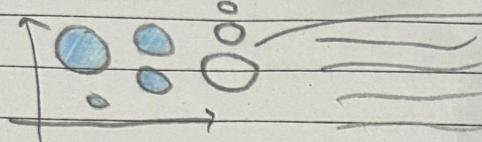
LAYOUT

AUSTRALIAN STATES

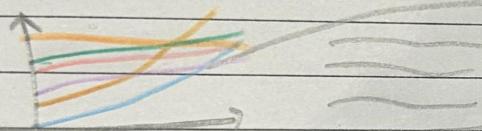
POPULATION



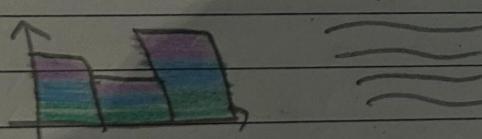
HOUSING/LAND



INCOME



INDUSTRIES



DISCUSSION

→ Are the sight-lines great ~~or~~ never though?

→ Does it give enough space for the graphs?

→ Is it readable?

TASK - CREATE A BLOCKED WEBPAGE

OPERATION

→ Text on the right, graphs on the left
Promote good site-lines

→ Legends still included

→ Tooltip allows for value of a given date

FOCUS

→ There is no main focus on this graph

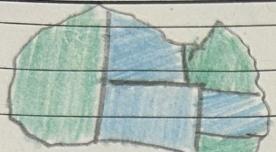
→ It gives all graphs and text equal focus

TITLE - FINAL DESIGN SHEET
AUTHOUR - LACHLAN TATE
DATE - 08/10/2024

SHEET - 5

AYOUT

AUSTRALIAN STATES



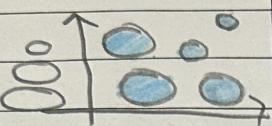
POPULATION

~~~~~

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#### HOUSING / LAND

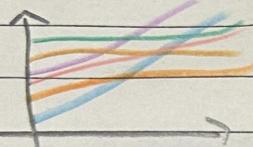


INCOME

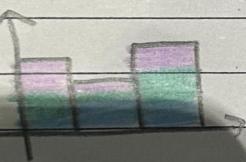
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INDUSTRIES



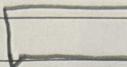
REFERENCES

FOCUS

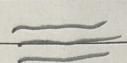
- No huge main focus
- A potential focus is the map, which highlights that it is about Australia
- Sight lines are very strong
- Good choice of different graphics

TASK - FINAL IMPLEMENTATION OF DESIGN SHEETS

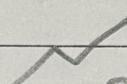
OPERATION



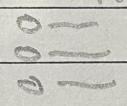
- Each graph will have a tooltip that has relevant info.



- The text will have relevant information about the topic



- For line / bubble charts, clicking on one item will grey out the others



- Each graph will have a legend, based on size or colour.

DETAIL

DEPENDENCIES

- CSS / HTML / VEGA-LITE / JSON / TOPONOMY

TIME

5 DAYS

1 DAY - DATA CLEANSING

3 DAY - WEBPAGE +

GRAPH

1 DAY - DISCUSSION +

GITHUB
CLEANSING