

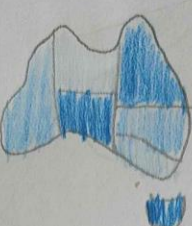
IDEAS

- Maps



proportional symbol/dot map

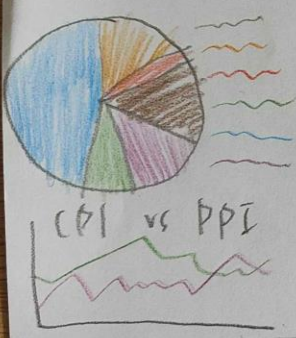
Choropleth map



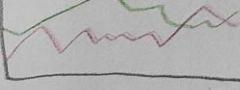
- Trends



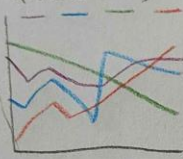
- Comparisons



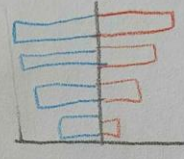
CPI vs PPI



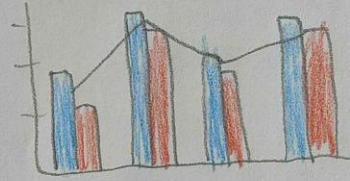
Industry



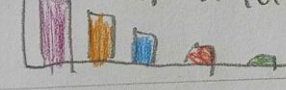
Import vs Export



Comparison over time



Expenditure



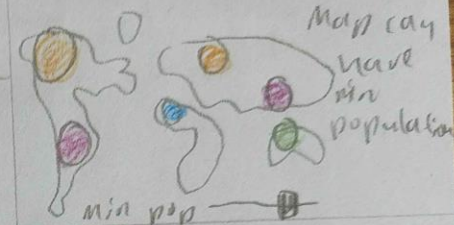
FILTER

State = VIC

Industry

= Mining

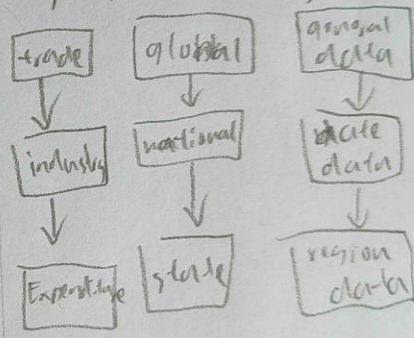
Data can be filtered by state or industry



Map can have min population

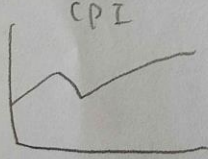
CATEGORIZE

- Can group by topics, regions or filters



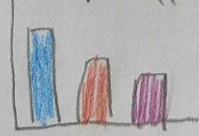
Combine and Refine

- Combine Data that is over time

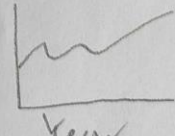


Year

Expenditure



=



Year

Data:

CPI
CPI
PPI
Expenditure

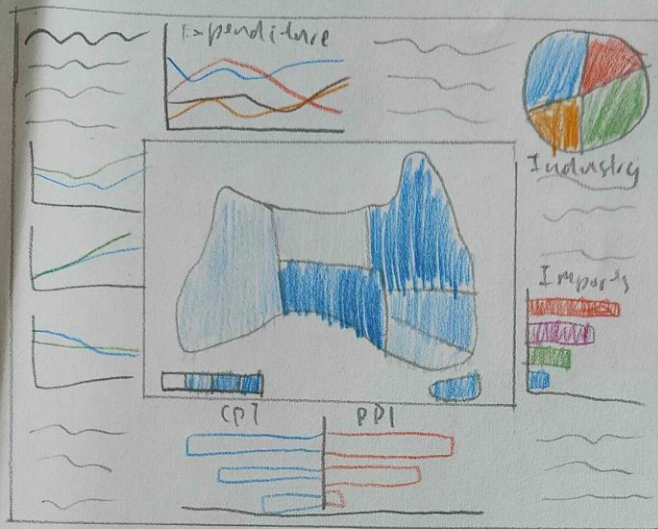


select focus group for data

Questions

1. What will be the layout?
2. How do you filter maps?
3. Are the functionalities possible in Tableau also available in Vega-Lite?

LAYOUT



Title: Australian economy
 Author: Sean Heng Ken
 Sheet: 2
 Task: Data vis 2

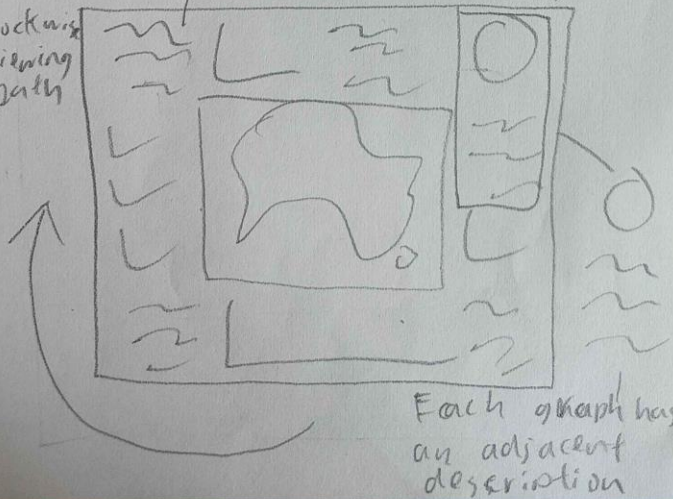
OPERATION

- Partitioned poster story telling
- Map is the focus point and placed at the center
- Various graphs for different topics and texts scattered around the map
- Order: map first then clockwise around the map

FOCUS

Title and introduction description

Clockwise viewing path



DISCUSSIONS

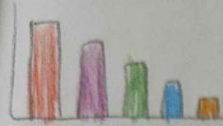
- Layout may not be suitable for a page with only vertical scrolling
- There are no clear spaces for filters or selections

LAYOUT

Australian Economy

Trade

Top products



Top countries



Industry

Male vs female



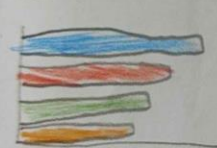
Top industries by state



State: VIC

Expenditure

Top expenditures



Trends over time



Title: Australian Economy

Author: Sean Henry Ken

Sheet: 3

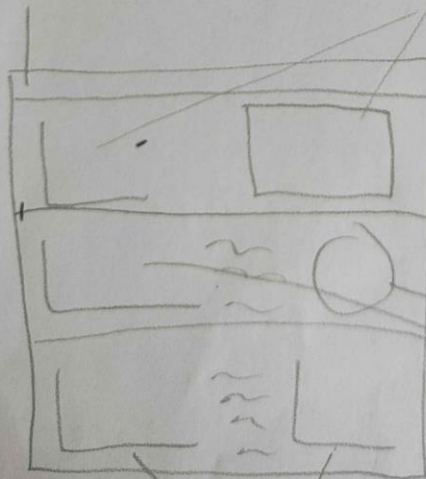
Task Data vis2

OPERATION

- Intuitive top-bottom viewing path
- Sections are different topics of Australian economy

FOCUS title is read first

Graphs about trade in first section



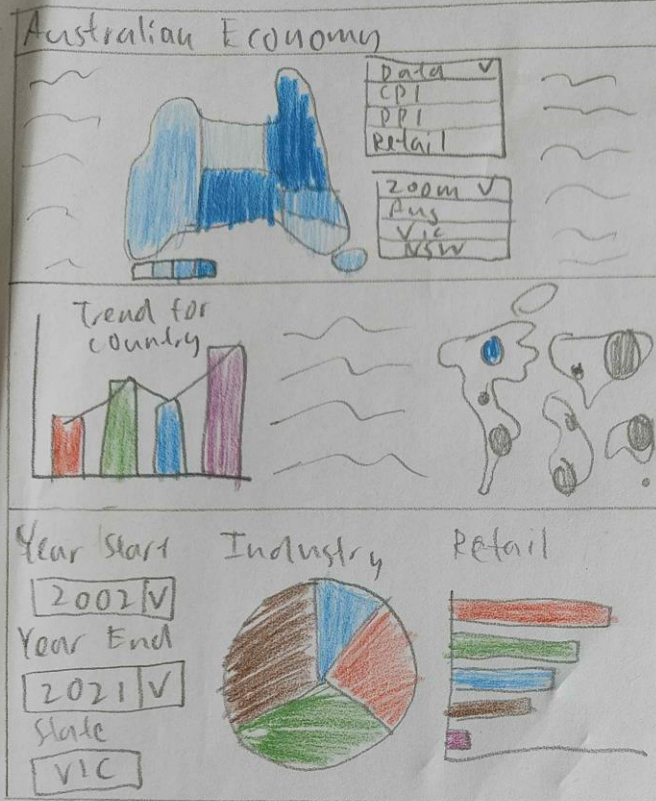
Graphs about industry next

Graphs about expenditure last

DISCUSSIONS

- There may be repeating filters due to the same variables but in different sections
- May require a lot of zooming or disproportionate graphs due to fixed sized sections.

LAYOUT



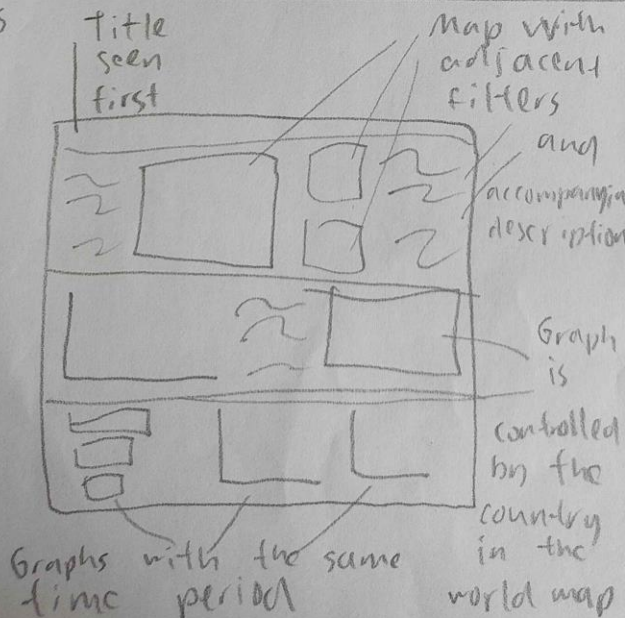
Title: Australian Economy
Author: Sean Henry Ken
Date: 05/10/2024
Sheet: 4

Task Data vis 2

OPERATION

- There are no distinct topics for each horizontal section but each section contains filters that are shared between many graphs

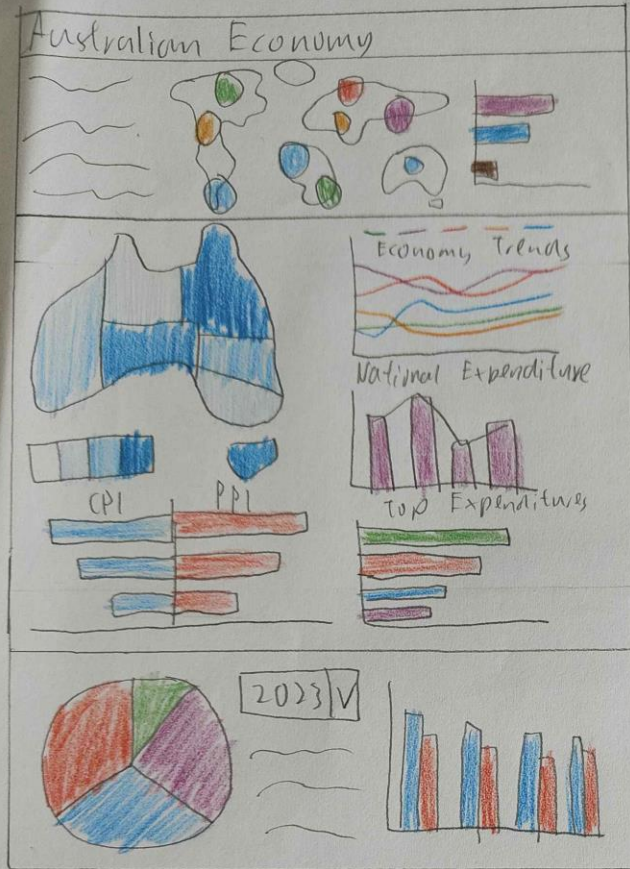
FOCUS



DISCUSSIONS

- Is there data that is necessary for the filters.
- Will it look neat (clear sightlines and layout with sufficient whitespace)
- Very interactable

LAYOUT



Title: Australian Economy

Author: Sean Heng Keh

Date 5/10/2024

Sheet: 5

Task: Data Vis 2

OPERATIONS

- modified version of sheet 3
- Contains both world and Australian map
- Not evenly divided sections: the visual centre contains many graphs from the same Australian map filters
- Introductory graphs at the first section

FOCUS

Title read
First

Introductory
description

Graph that was
filters
from the
Australian
map

World
map and
related
graph

Miscellaneous graphs
and description

DETAIL

- Is there enough state/world data for the different sections
- Ensure that are adequate filters other than the maps
- Consider whitespace and sufficient descriptions/text and annotations