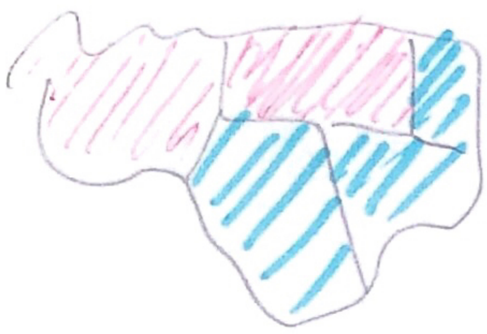
Ideas

① Choropleth Map

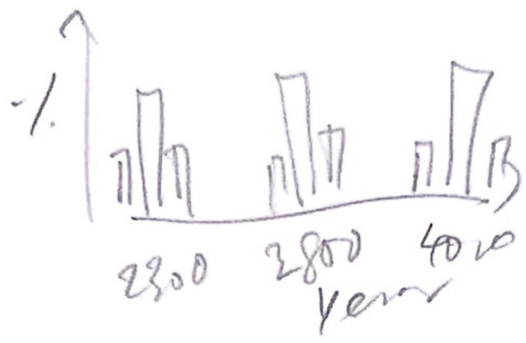


② Proportional Symbol Map

③ Word Cloud

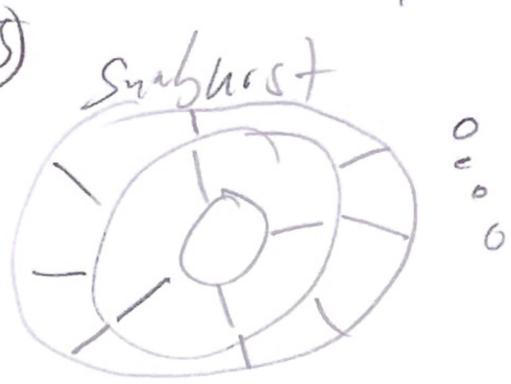
NSW TNT
VIC

④ Multiple Barchart

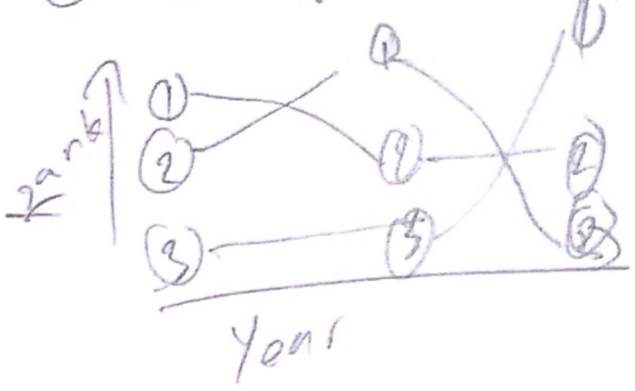


⑧ Streamgraph

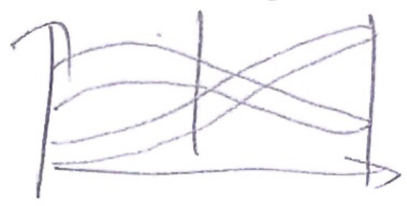
⑤ Sunburst



⑥ Bump Chart



⑦ Sankey Diagram



stacked area chart

⑨

⑩ Chord Diagram

Mai Nguyen 33048886
Studio 25
Tutor: Kia Kalachetty
Sheet 1

Filter

④, ⑨: not visually appealing + not custom built

⑦ same as above

① can not find data suitable for choropleth

⑧ difficult to interpret

③ not visually appealing in regards to

Categorise

Change in temperature
↓
Result of Change
↓
cause of Change
↓
Effect on Economy

Combine and Refine

① Proportional Symbol Map
→ show change in temperature
use filter for year

② sunburst for extreme weather events
use filter for weather events

③ stream graph for CO_2 emissions
interative legend for filtering states

④ Bump Chart for economic impact on states

* annotations of key finding from data

Questions:
- Can readers clearly see climate change in Australia?
- Are the effects of climate change apparent?
- how the story convey ~~that~~ urgency?

Layout

Sheet 2
Mai Nguyen
student 25
Tutor: Ria Fachuletty
330488886

Climate Insights: Australia's Changing Landscape

{ Introduction }

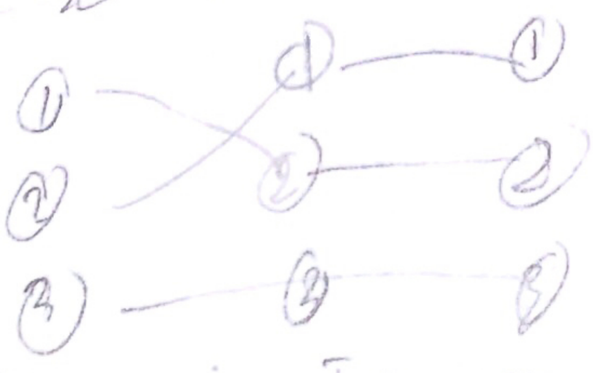
Rising Temperature

Filter → Dropdown

Extreme Weather

Filter → Weather Event Filter Dropdown

CO_2 Emission



Economic Impact

→ Future State
interactive legend

Focus

- ~~Even sa~~ Same Dimensions for all visualisations
- Large for emphasis
- Filters to see change over time and visual clarity

Discussion

~~Prob.~~

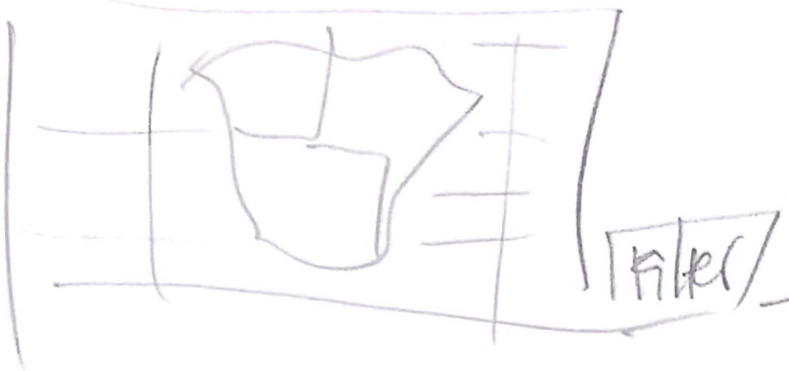
- Boring Layout
- ~~the~~ readers not guided
+ clear sightline

Layout

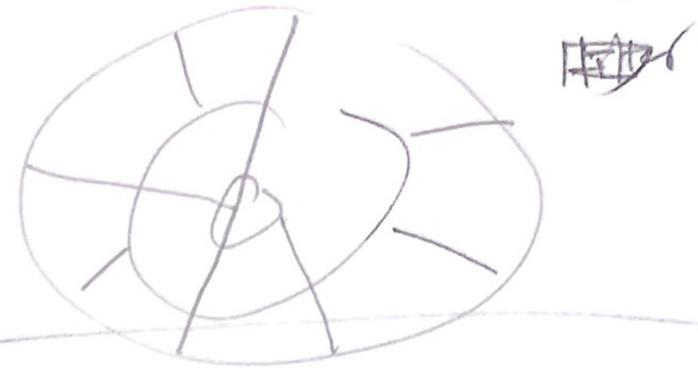
Sheet 3
Mai Nguyen 3504886
Studio 25
Tutor: Ria Kachulettey

Title

Text



Text



Text

Text

Conclusion

Operations

Same as
Sheet 2

Focus

- Annotations
- hide Annotations when use filter
- Compact
- Annotated posted

Discussion

+ minimal white space
+ clear sightline
− no visual hierarchy

Layout

Sheet 4
Mai Nguyen
32068886
Studio 25
Tutor: Ria Kalkanlıoğlu

Title

Text

Text

Text

Filter

Same as Sheet 2

Operations

Text

Filter

Text

Same as Sheet 3

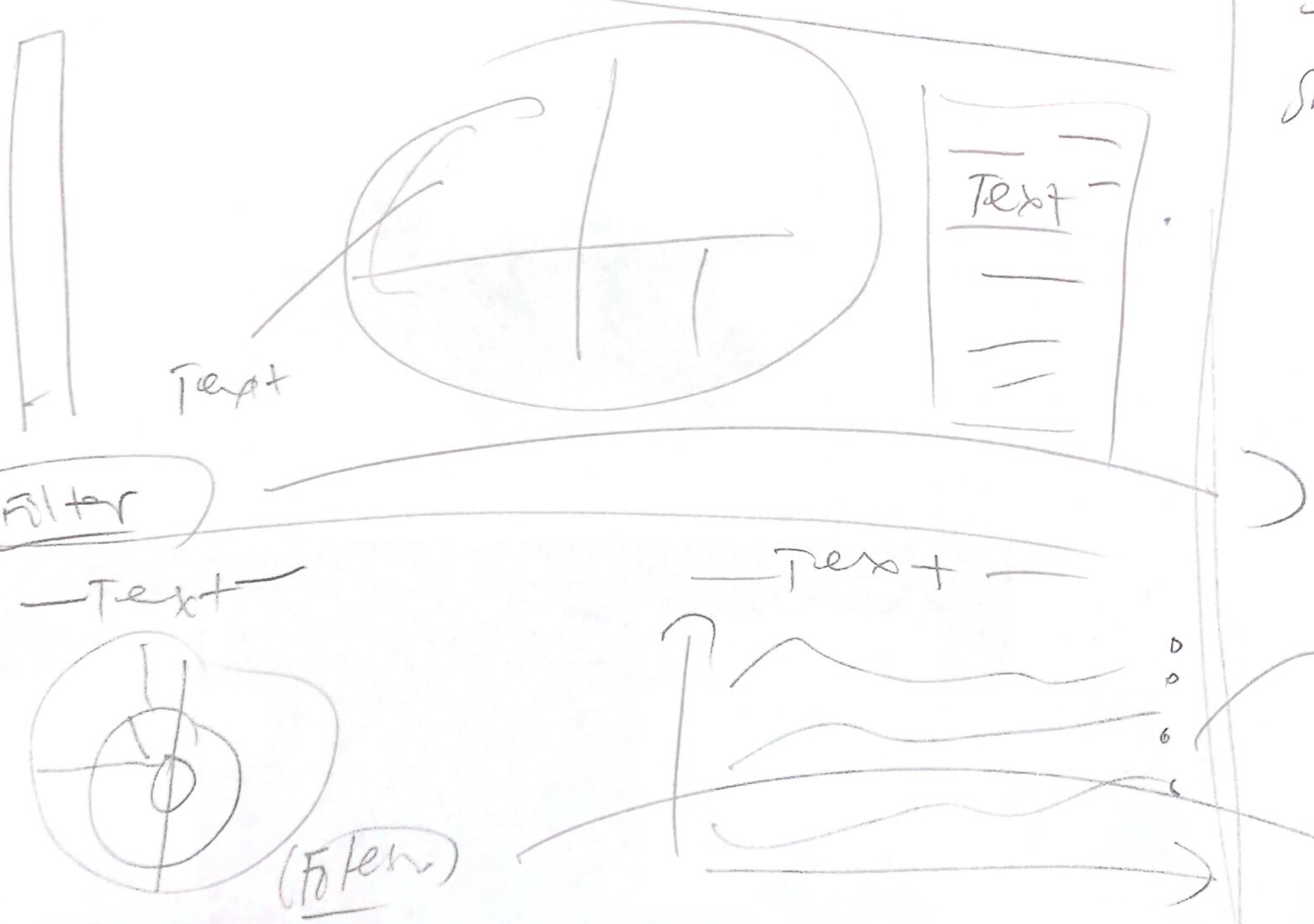
Discussion
+ more text ↑ reader understanding

- w clear
sight line

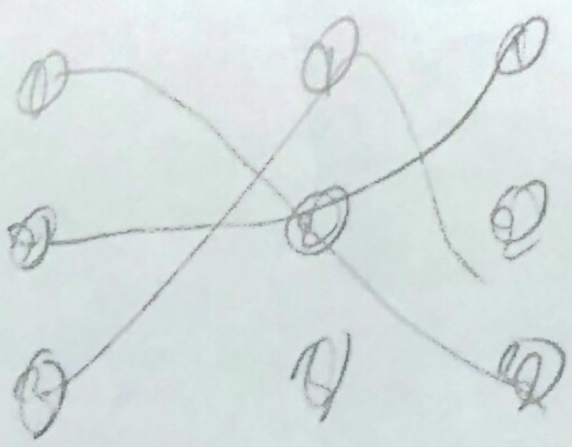
Layout

Title

Text



Text



Text

- format tooltip
- Same as Sheet 4

Mai Nguyen
330408886
Sheet 5
Tutor: Ria Kalachetty
Studio: 25

Operations

Save as

Sheet 2

Discussion
- Vegalite, HTML
- Laptop
- Sheetes
- data transformation
- vegalite examples
- pure CSS