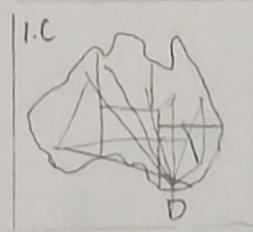
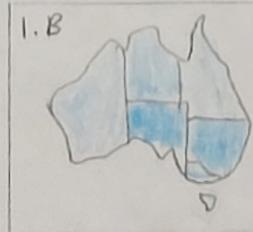
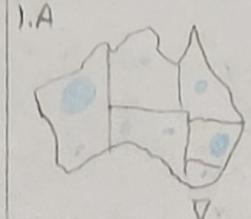


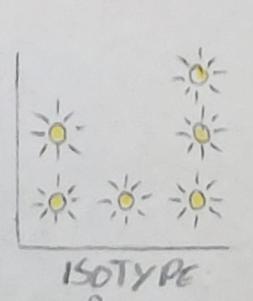
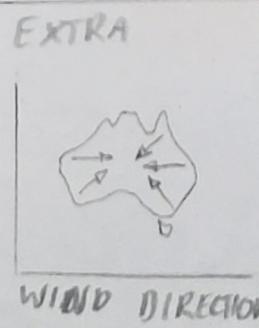
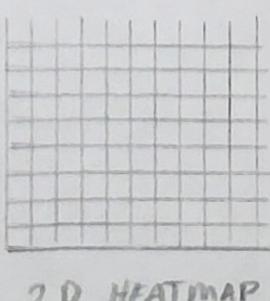
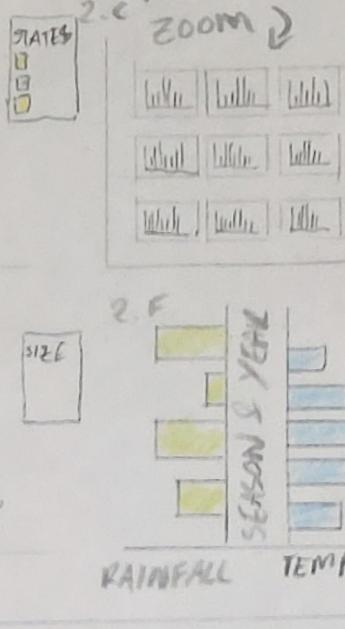
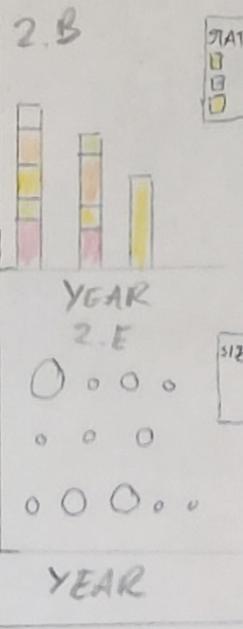
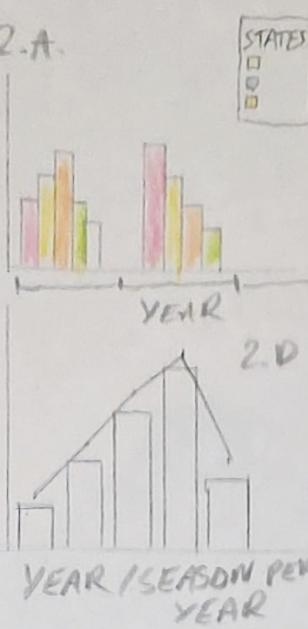
① IDEAS

MAP IDIOMS



COMPARISON IDIOMS

2.A.



② FILTER

1.A Due to the data being from specific points on the map would be useful to explicitly show the data

3.A Transform a quantitative continuous data attribute into a discrete attribute to allow for easy viewing and abstraction of the data.

③ CATEGORISE

QUANTITATIVE

CATEGORICAL

TEMPERATURE

WIND DIRECTION

RAINFALL

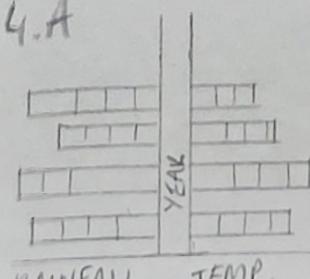
WIND SPEED

SUNSHINE

PASSENGER TRIPS

④ COMBINE & REFINEMENT

4.A



4.B

	STATE 1 STATE 2 ..	SIZE DIFFERENCES IN ATTR.
STATE STATE 1	100 100 1000	SELECT ATTR.
STATE 2 STATE 2	100 100 1000	
:	100 100 1000	

Combines 2.C & 2.E where a bubble plot can be used to show the differences in the selected attributes this would be interesting to show the difference

TITLE: FULL NARRATIVE VIS.
AUTHOR: JOHN CUSMANO

DATE:

sheet: 1

task: NARRATIVE VISUAL
FOR CLIMATE VIS.

⑤ QUESTIONS

- Is it possible to do w/ YEAR?
- Will I be able to tell the story in most meaningful way?
- Should I put more emphasis on temperature or rainfall or something else?

Combines both the stacked bar chart (2.B) with diverging bar chart (2.F) to give data for data and allowing for better trend

① LAYOUT



② FOCUS

- Filter applies to all of the visualisations
- Clock filter on the wind and sunshine vortotype chart to select the time of day to display on the bottom 2 visuals

⑤ META-INFORMATION
 TITLE: FULL NARRATIVE VIEW
 AUTHOR: JOHN CUSMANO
 DATE:
 SHEET: 2
TASK: NARRATIVE VISUALISATION FOR THE CLIMATE VISUAL

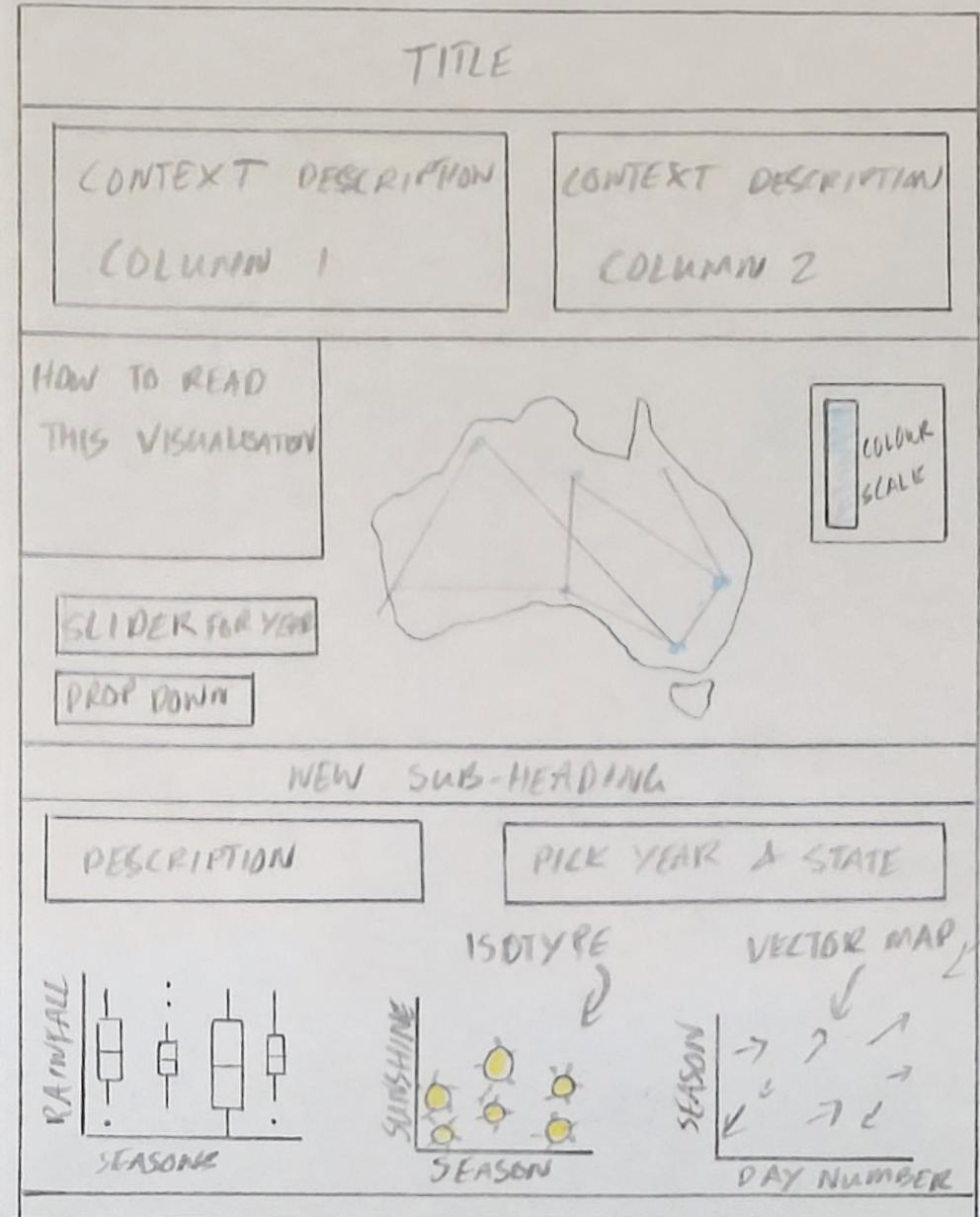
③ OPERATIONS

- Click on one of the elements in any of the visuals and it is highlighted on all visuals
- Has filters based on the legends so can click on the legend and it will filter across all visuals

④ DISCUSSIONS

- LACKING descriptions and has a lot of white space
- The map is the focal point of the dashboard when there is more info that is important
- May be difficult to implement with vega-lite

① LAYOUT

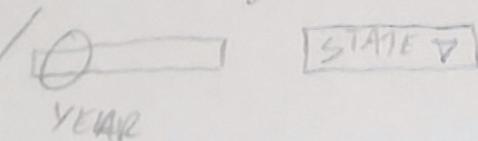


② META-INFORMATION

TITLE: FULL NARRATIVE VIEW
AUTHOR: JOHN CUSMANO
DATE:
sheet: 43
TASK: NARRATIVE VISUALISATION
FOR THE CLIMATE VISUAL.

③ OPERATIONS

Multiple idioms use the same slider & dropdown. This allows for an entire sub-section to be controlled together.



④ FOCUS

- MAP has 2 map idioms overlayed on top of it
 - ↳ Can pick if want both or either one
- 3 different idioms used for a given specific state providing variety and visual interest to keep the viewer engaged throughout.

⑤ DISCUSSIONS

- Easy to view layout
- The combined map idioms may be difficult to interpret
- Not a consistent number of columns throughout the dashboard
- Maybe lacking variety in the types of visuals

① LAYOUT

TITLE

CONTEXT DESCRIPTION

COLUMN 1

CONTEXT DESCRIPTION

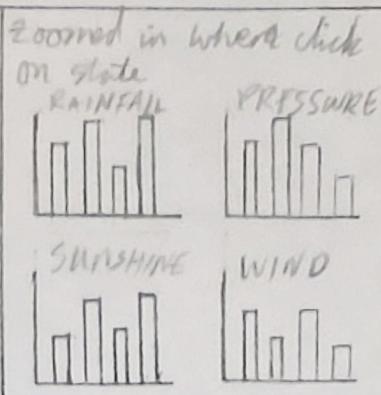
COLUMN 2

MAP FOR selection of
other data



POPULATION

SLIDER FOR YEAR



HOW TO GET TO EACH PLACE

DESCRIPTION

STATES

STATES	1	2	3	4	5	6	7	8	9	10
A	High	Low	Medium	Low	Medium	High	Low	Medium	High	Low
B	Low	High	Medium	High	Low	Medium	High	Low	Medium	High
C	Medium	Low	High	Medium	Low	High	Medium	Low	High	Medium
D	High	Medium	Low	High	Medium	Low	High	Medium	Low	High

REFERENCES

AUTHOR

③ META - INFORMATION
TITLE: FULL NARRATIVE VIEW
AUTHOR: JOHN N CUSMAND
DATE
SHEET: 4
TASK: NARRATIVE VISUALISATION
FOR THE CLIMATE VIS.

③ OPERATIONS

Defaults to Victoria

Clicking on a state to
drive the zoomed in
idioms and filter accordingly

Highlight the same route
when clicking on either a
flight line or a cell on
the heatmaps

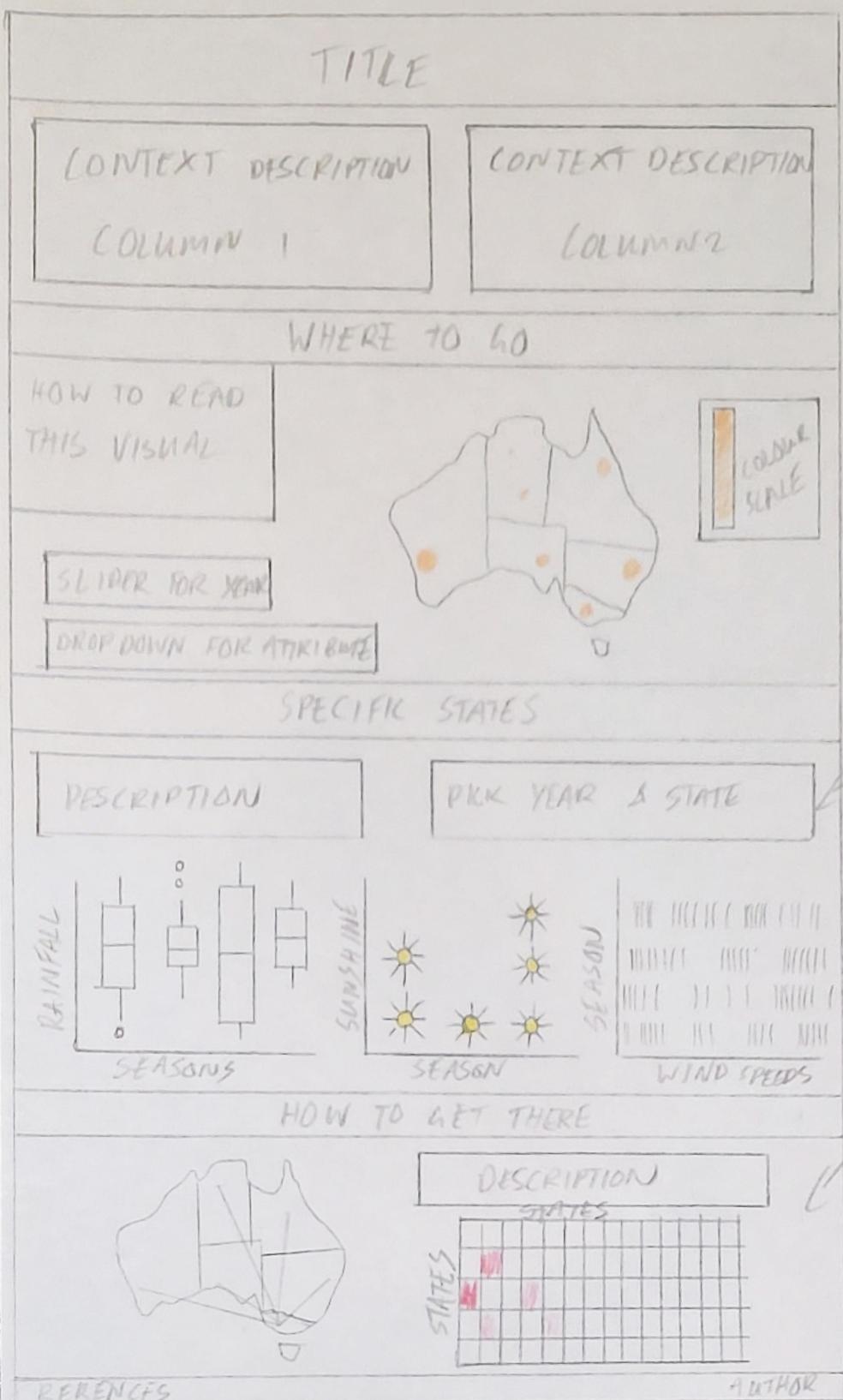
② FOCUS

- Uses the first maps to do the selection for other graphs
- Has both the ruled maps and a heat maps for the flight data
 - ↳ Can possibly be difficult to fit if there are too many cities to visit
- Use population dataset for choropleth map

④ DISCUSSIONS

- Utilising the map idiom as both a selection as well as a choropleth
 - ↳ Difficult to implement with VEGA-LITE.

① LAYOUT



② META-INFORMATION

TITLE: DOLL NARRATIVE VIEW
AUTHOR: JOHN CUSMANO
DATE
SHEET: 5
TASK: NARRATIVE VISUALISATION FOR THE CLIMATE VIS.

③ OPERATIONS

- Using fifths or eighths layout with the description taking up one fifth and the visual takes up 4 fifths.

✓ Use one set of filters to drive the filters for all 3 idioms in the section

✓ Use filter to drive the origin location and have it display on both idioms in this section

④ DETAILS

- Use Excel to combine the different datasets
- Use python to aggregate the data and add additional columns
- Use HTML, CSS, JS & VEGA-LITE TO CREATE THIS dashboard.

⑤ FOCUS

Use between 70%-80% width to have a good data-to-ink ratio and still having an engaging visual
ensure that the sightlines are clear and consistent throughout the visual