

IDEAS

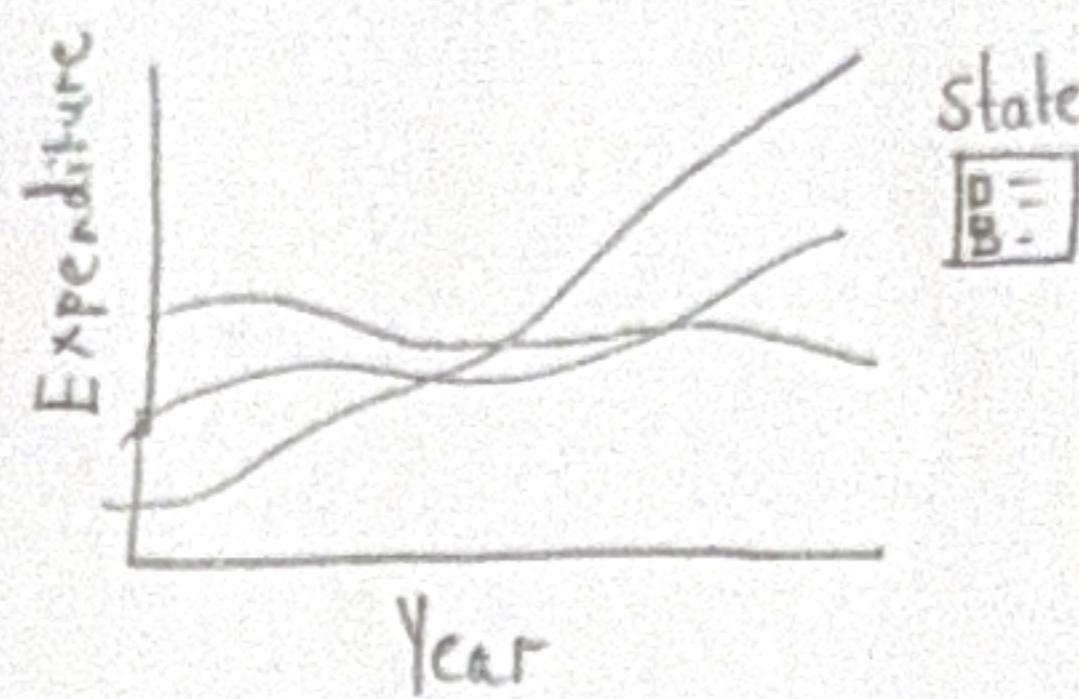
Domain: Tourism in Australia

Author: Ria Parmar
Date: 1/10/24
Sheet: 1

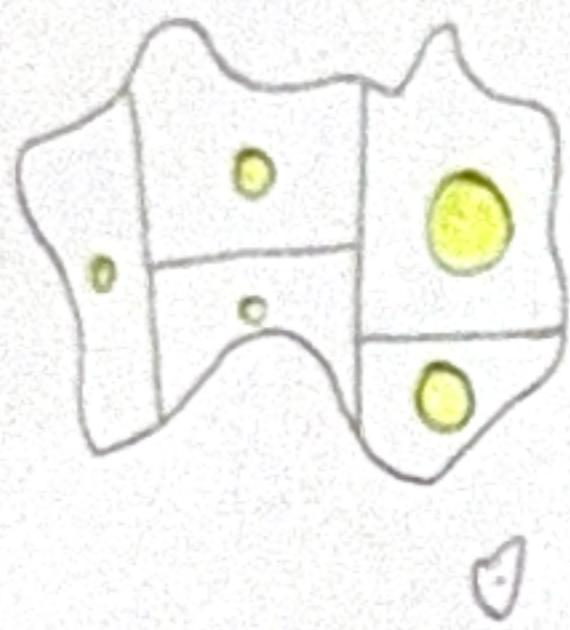
① Choropleth map



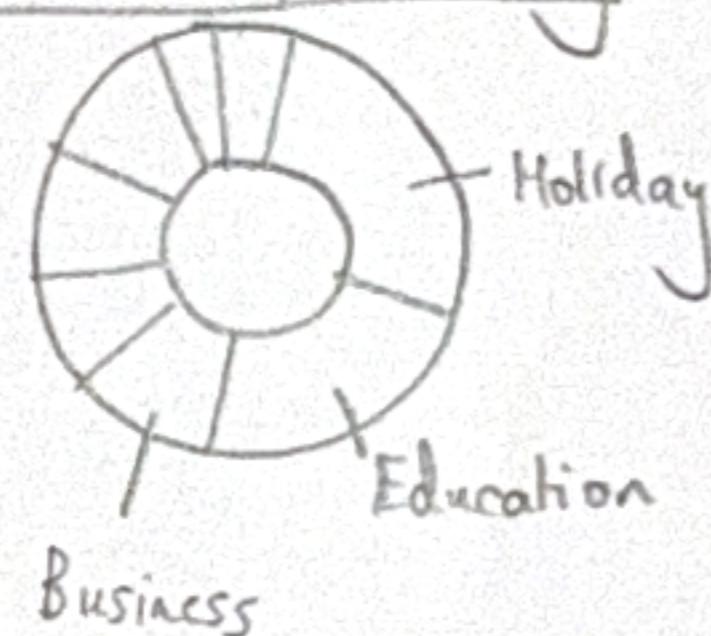
④ Line chart



② Proportional Symbol Map



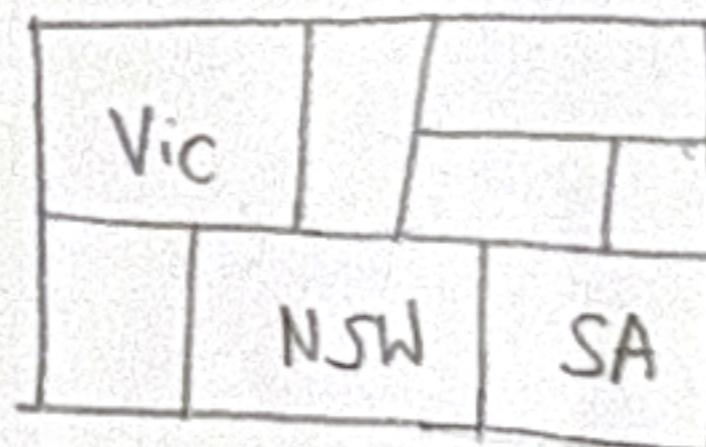
⑤ Donut chart
Reasons for visiting



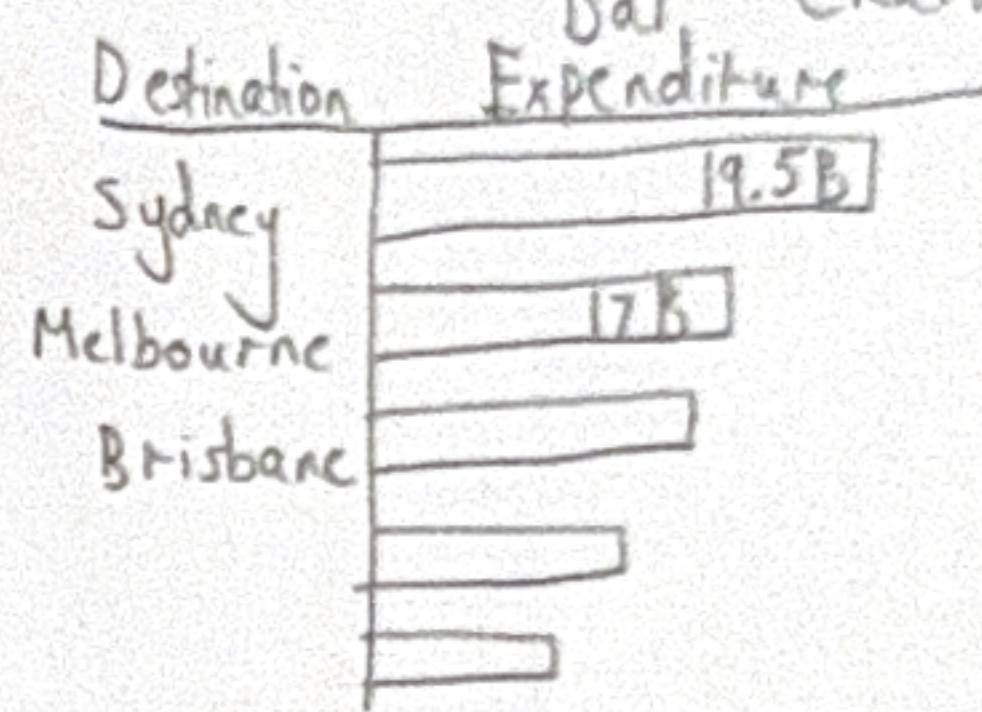
③ Stacked bar chart



⑥ Tree map

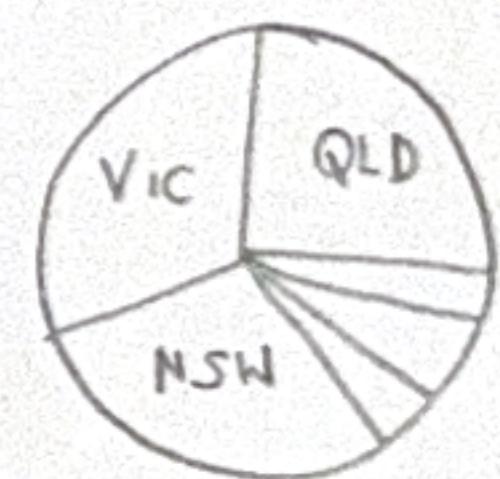


⑦ Horizontal Bar Chart
Expenditure



⑧ Pie chart

Tourism GDP by state/territory



FILTER

- ⑤ Donut chart
- hard to read when too many categories
 - not very informative

CATEGORISE

Tourism background and key statistics ④⑥

Main tourism destinations ①②

Reasons for visiting and expenditure ③⑤⑦⑧

COMBINE & REFINE

- ⑧ can be selected over ⑤
- ① and ② could be combined to make a more informative map
- ③ and ⑦ could be combined to make a stacked horizontal chart

QUESTIONS

- Could I implement more complicated charts like a Sankey diagram?
- Is the domain too broad?
- Is a pie chart too simple?

LAYOUT



FOCUS

- no main focus, all graphs are important
- but some graphs are larger to emphasise their features/ allows clearer analysis
- proportional symbol map largest to allow features and borders to be seen

Title: Partitioned poster

Author: Ria Parmar

Date : 1/10/24

Sheet : 2

OPERATION

Potentially have a bar at the top to filter by state

Eg. VIC NSW
A click to filter

or could use a dropdown menu instead

Eg. Select
 VIC
 NSW
 Qld
 SA

Tooltips

→ hover mouse over data point, line, bar for tooltip to show

DISCUSSION

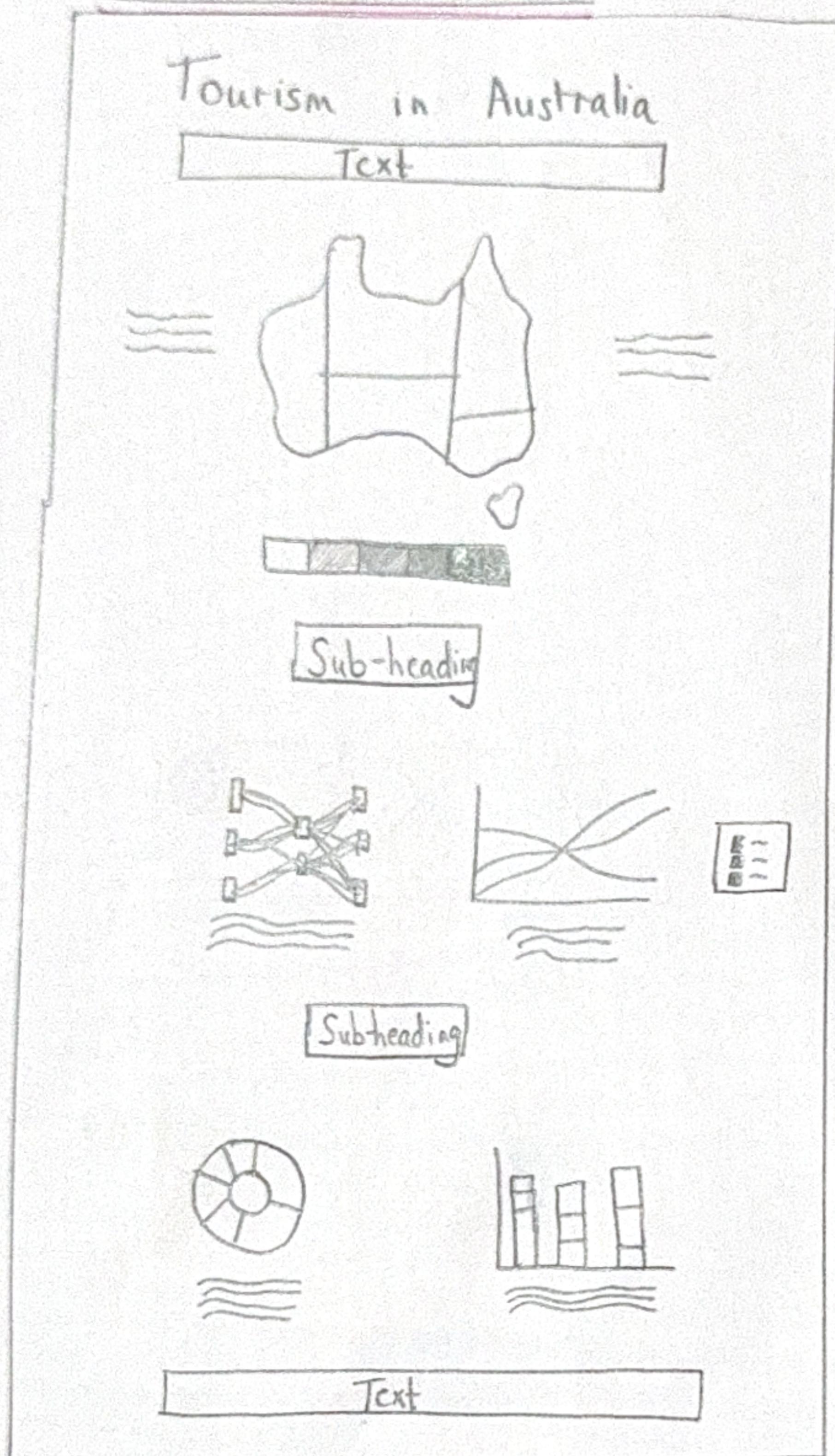
Advantages

- well segmented into clear sections
- possible to switch up graphs without greatly affecting layout

Disadvantages

- potentially information overload
- no main focus
- pie chart may be too simple

LAYOUT



Title : Story-telling
 Author : Ria Parmar
 Date : 1/10/24
 Sheet : 3

OPERATION

- Bar at the top of Sub-sections to filter by State

- Select -
VIC
NSW

Annotations

- annotate key events, values etc.
- e.g. covid in line chart

Tooltips

- hover over data points, lines, bars for tooltip to show

FOCUS

- 3 focuses for each section

- ① choropleth map
 - use sequential colour scheme
- ② Sankey diagram
- ③ Stacked bar chart

DISCUSSION

Advantages

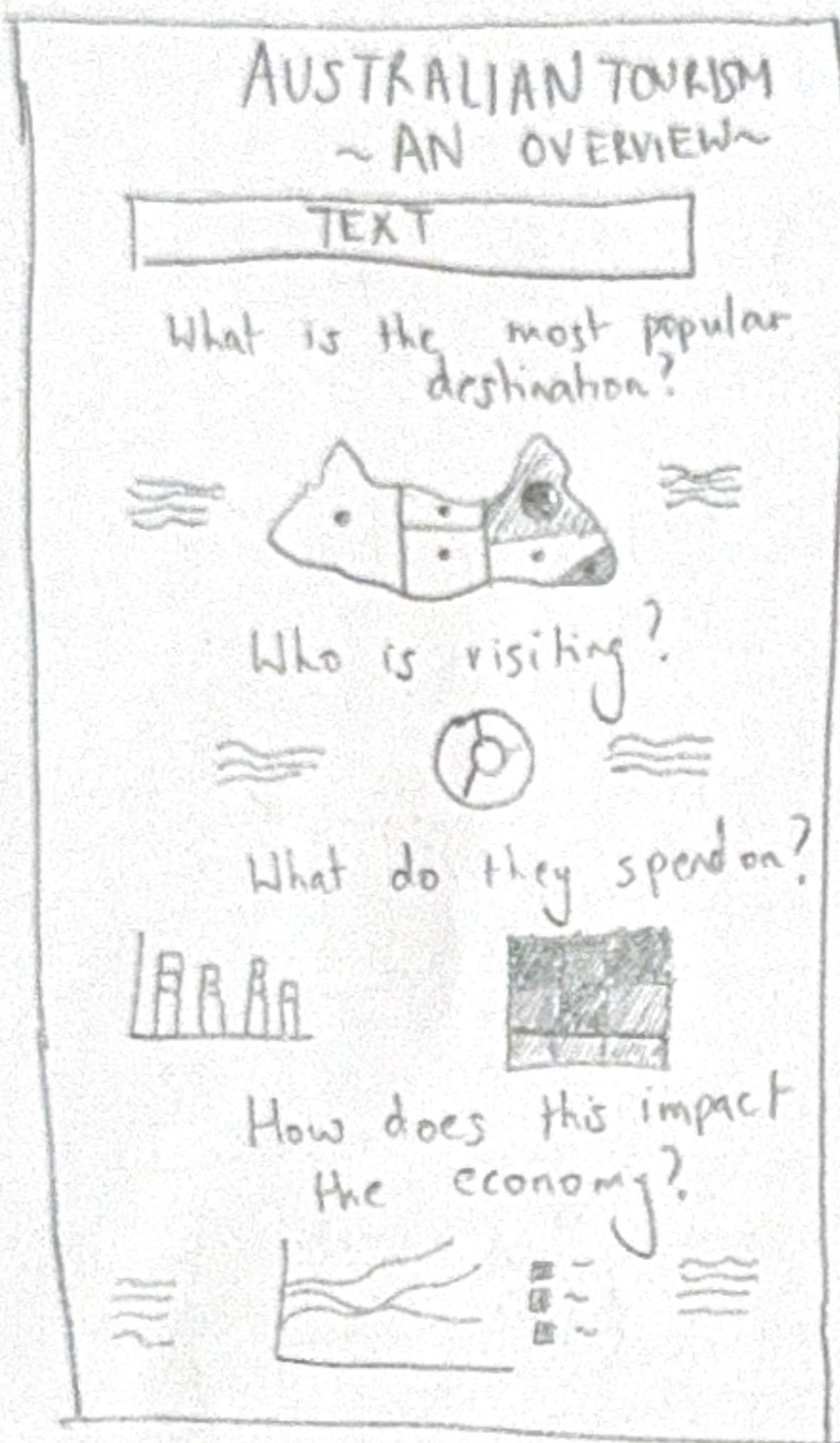
- creates a clear story with well defined sections
- strong user interaction

Disadvantages

- spacing not good, too much white space
- filtering is difficult to create

Title: Infographic/
story
Author: Ria Parmar
Date: 2/10/24
Sheet: 4

AYOUT



FOCUS

- Emphasis on choropleth / proportional symbol map as this contains a lot of data
- also focus on stacked area/ bar charts as these are complex

OPERATION

- Filter stacked area chart and bar chart with legend
- annotations to emphasise covid-19 impact and seasonal periods

DISCUSSION

Advantages

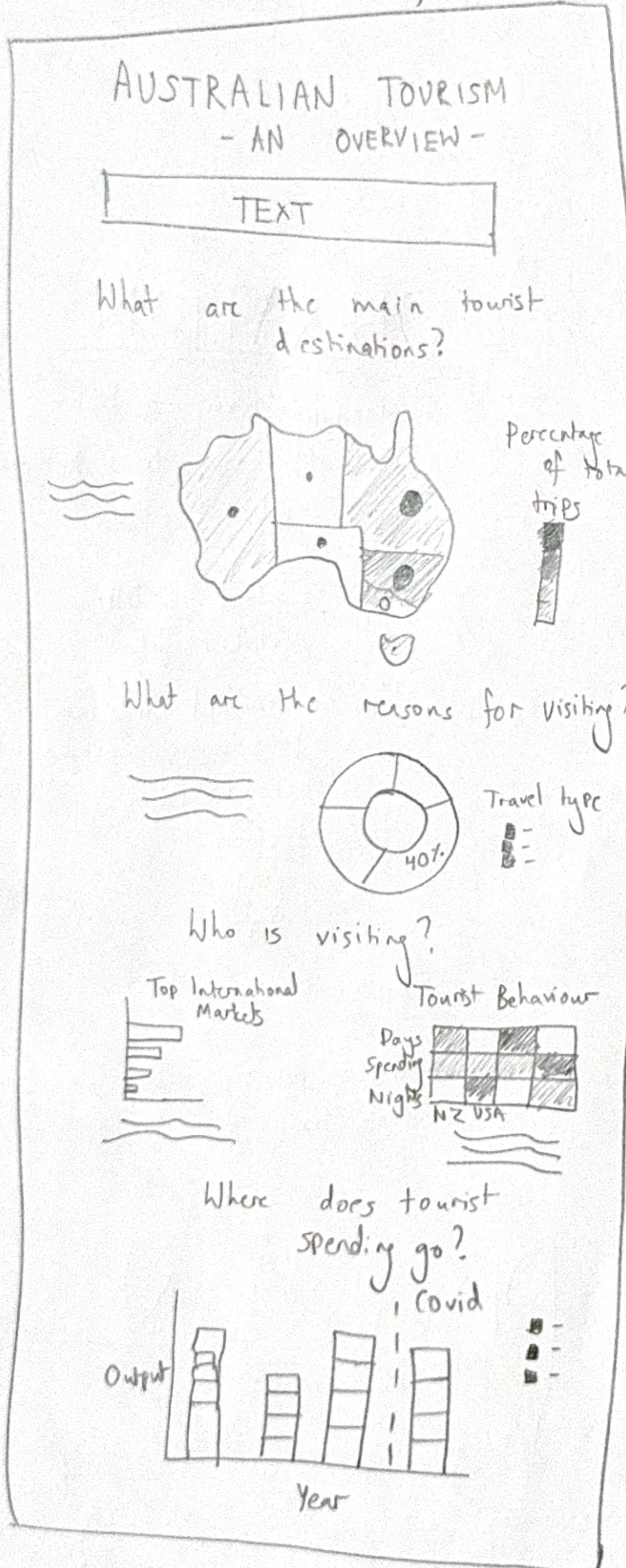
- good storytelling and narrative

Disadvantages

- potentially too much to scroll

LAYOUT

(Based off sheet 4)



FOCUS

- narrative and flow, telling an interesting story

Author: Ria Parmar

Date: 2/10/24

Sheet: 5

OPERATION

Filter

□ Select legend for stacked bar chart to view categories separately

Tooltips

- use for all charts
- add user-interactivity e.g. highlighting an element by clicking it

Details

Dependencies → VS code, vegalite, html, javascript, JSON etc.

- will need to learn how to code
- ensure that visualisation loads quickly