IDEAS

1. Chloropeth map

2. Symol Map

3. Line graph

4. Dotted-line graph

7. Bar chart

8. Scatter plot

5. Pie chart or donut??

6. Group bar chart

9. Stacked bar

6. Population pyramid

Female   Male

7. TreeMap

10. box-plot

FILTER

1. Chloropeth Map to show the visitors visited in each states of Malaysia.
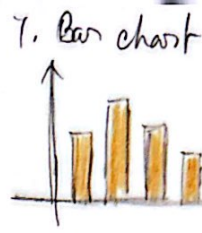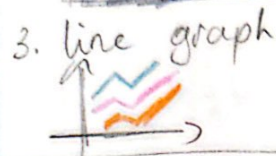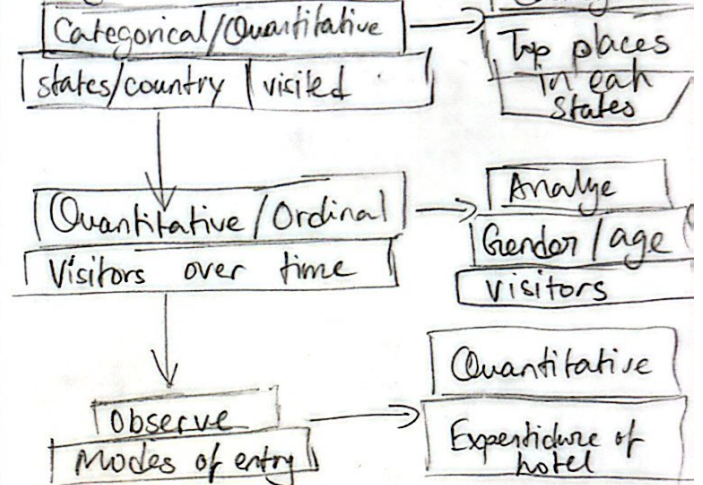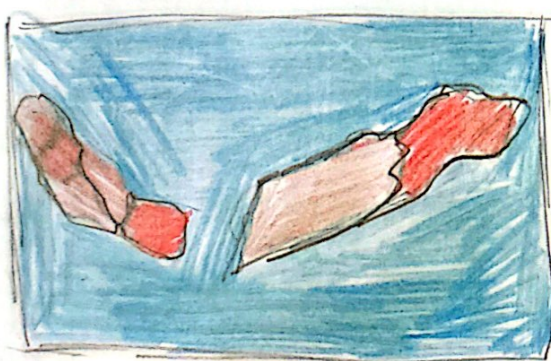
2. Line or dotted line graph to show the change of visitors to each state.

3. Population pyramid to see male and female travellers of different age groups.

4. Pie charat for percentage of point of entry from foreign countries
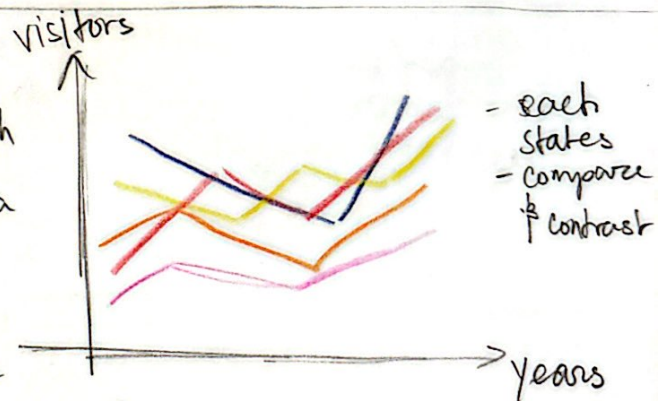
Categorize

Categorical/Quantitative
states/country | visited

→ Categorical
Top places in each states

Quantitative/Ordinal
Visitors over time

→ Analyze
Gender/age
visitors

Observe
Modes of entry

→ Quantitative
Expenditure of hotel

Combine and Refine

- Choropeth Map
- Malaysia Map
- Better analysis of states

visitors

- each states
- compare & contrast

years

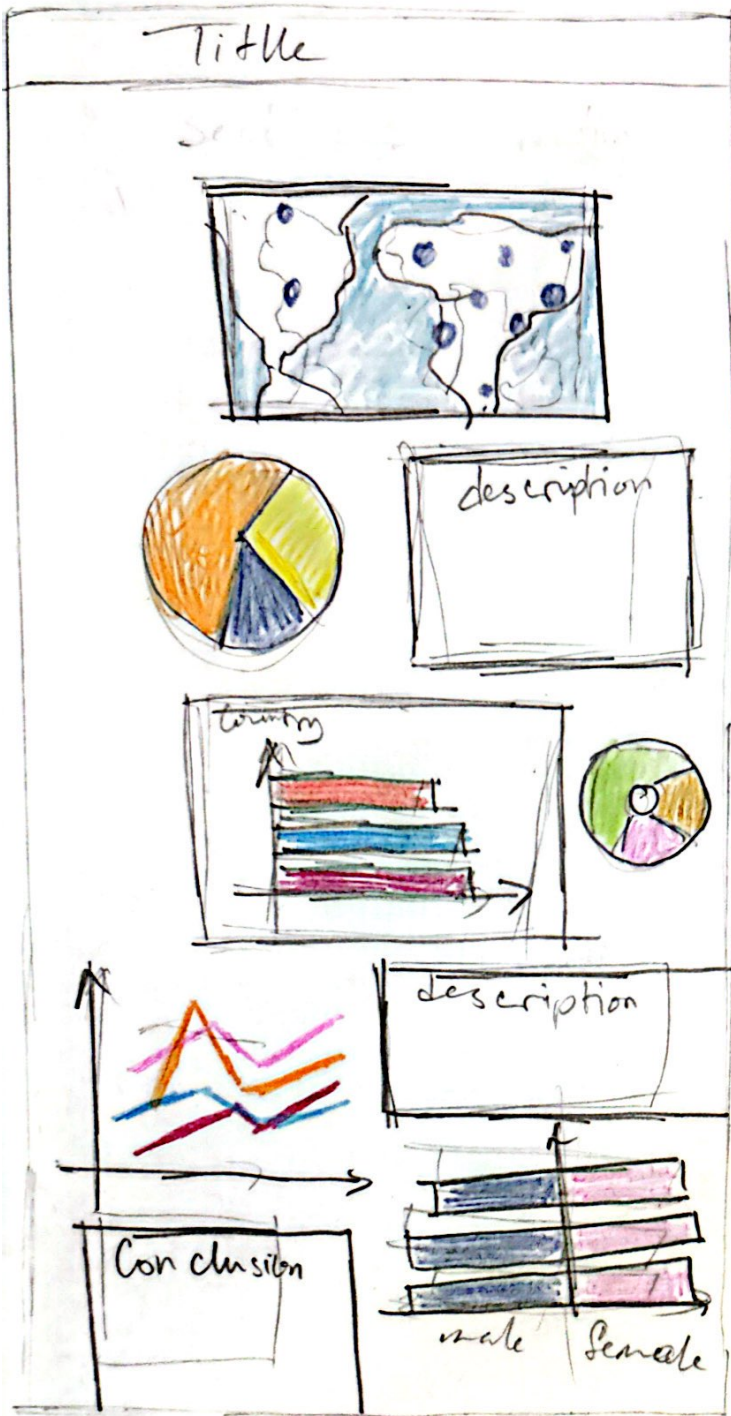age groups

Male   Female

>50
45?
20-45
0-20

Questions

- Should section into different parts Domestic Vs International?
- One Map suffice?
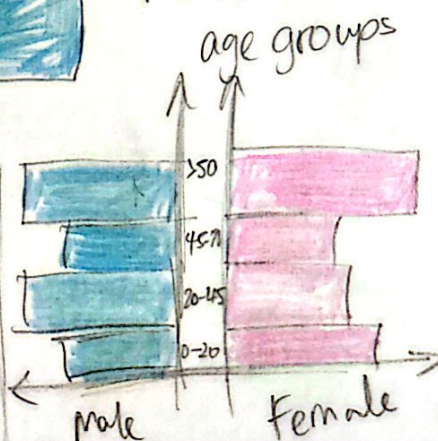
Author: Shadman Sharar Pervez
ID: 32685823
Sheet: 1
Task: Brainstorming

Layout

Title

description

touriny

description

Conclusion

male Female

Operations

- Zoom in and out
- drag around the map.
- choose a state to see their change in visitors through the years.
  - most probably drop down

All
Sarad

= May try to put years as option for population pyramid.

☐ 2022
☐ 2023

Focus

- World map
- Where we see where the majority of the tourists come from.
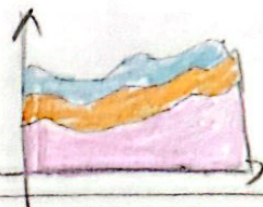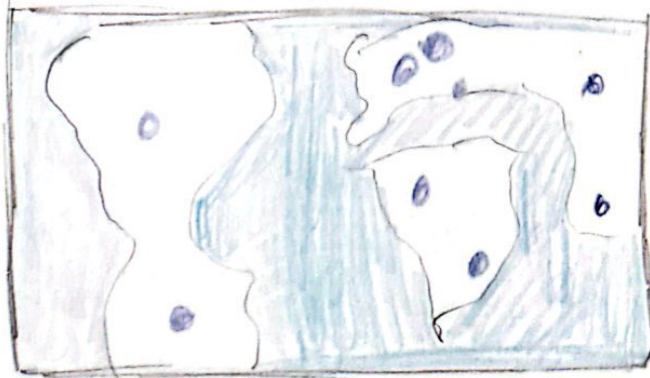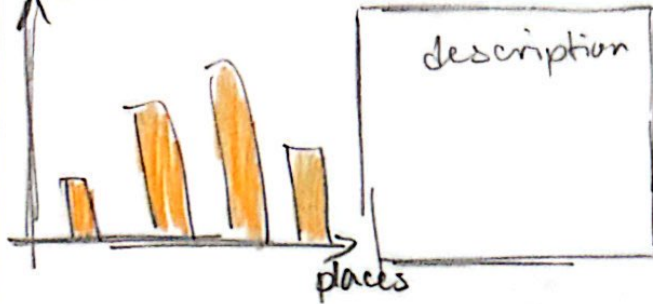- It will show us which country to focus. Dive deep into the mode of entry.

Discussions

- the layout is messy.
- Might need an extra idiom for gender.
- Better to section more.
- The map width, more.

Layout

Tourism in Malaysia

Visitors

description
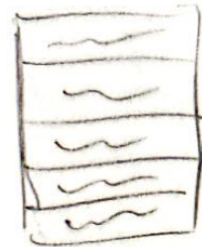
places

Title: Tourism 2
Author: Shadman
Date: 8/9/2024
Sheet: 3
Task: 2nd style

Operations

- For the maps, same as sheet 2.

- for the Area, add annota-

- tions or maybe filter, to see and compare various races.

- bar chart changes to view different states top destinations.

Focus

- Malaysia Map (chloropeth)

- which states visited the most and least.

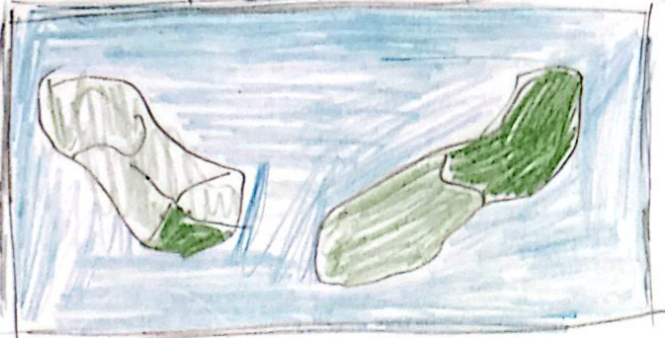- would showcase a lot about different visiting states.

Discussion

- Area chart for ethnicity?

- good layout, might need better sections.

- more graphs?

- International vs local?
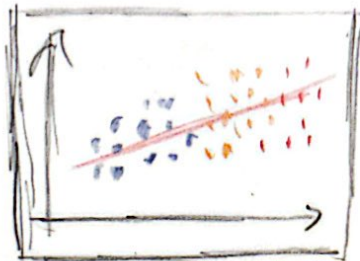
Layout

Tourism in Malaysia
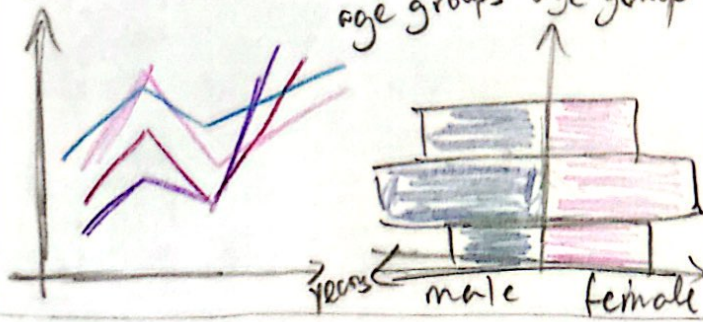
Section 1

Text box

Section 2

text box

Section 3

visitors

age groups   age group

years   male   female

Operations

- Same as 2 and 3

- Might change some filter to multichoice like in the line.

  ☐ All
  ☐ Chinese
  ☐ Indian
  ☐ Malay

- For the scatter, drop down choice to see certain years.

  2017
  2018

Focus

- Same as sheet 3
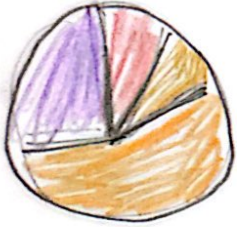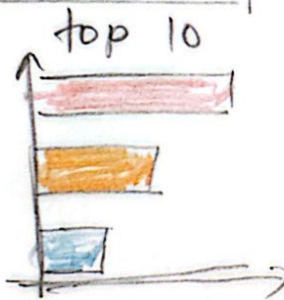- Better look at the movement of tourist within Malaysia

Discussion

- Better layout, 3 sections would make it look cleaner
- Might add extra graph in each sections.

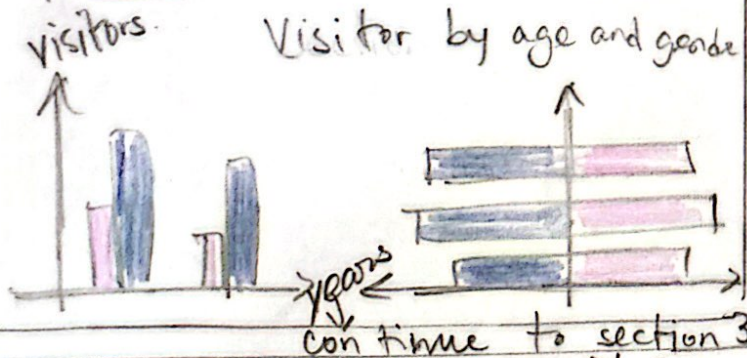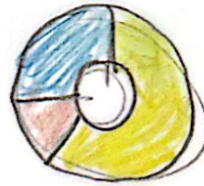- It will be better to make it international, gead and domestic.

Layout-Based of sheet 4

Tourism in Malaysia

Visitors into Malaysia

Description

top 10

Description

Visitor by age and gende

visitors

years

continue to section 3
local tourism with Dot-
line graph

Operations
- similar to sheet 2, 3, 4

- Majority will be dropdow

→ zoom features.

Focus

- All, as all contributes
  to the story telling.
- There will be 3 sections.
  - section 1: Internation
  - Section 2: Age and gender
  - Section 3: Local tourism

Details
- Data merging, processing
  and formating using python
  and excell.
- estimate time: at least
  5 days
    → 1 for data gathering
      & merging
    → 2 for vega lite
    → 1 for Web page.