

## QUESTIONS

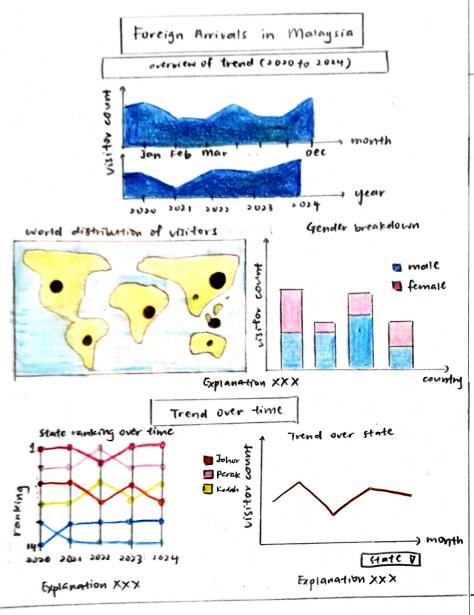
load

- a is the implementation of the charts doable?
- () will the overview and detail chart too difficult to implement?

vitw year and month trend

- () will the bump chart too messy to view?
- 4) does this meet the audience need?

## LAYOUT



Title: Interactive Poster

Author: Chew Xin Ning

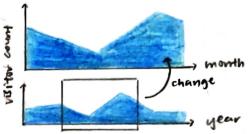
Date: 15/10/2024.

Sheet : 2

Task: stony-like poster

#### OPERATION

1 brushing for overview + detail



( state filter for line chart



3) Hover for tooltip for all charts

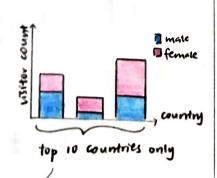
Ly eg: State: Johor month: July

Visitor count: 4,581, 383

## FOCUS

O overview + detail chart

- area chart for both
- overview: trend over years
- detail: trend over year and month
- brushing interaction in overview chart
- () Stacked bar chart
  - for gender breakdown
  - -) only for the top 10 countries with highest visitor counts to Malaysia



## PISCUSSION

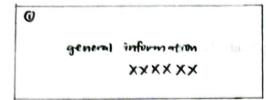
Advantages:

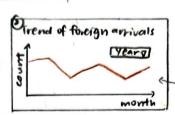
- -) good user interaction
- -) good storytuling
- clear flow of viewing and navigation

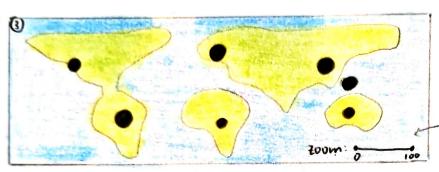
## Disadvantages:

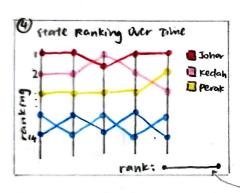
- -) too many white spaces for overview + detail chart
- -) not much explanations for each chart

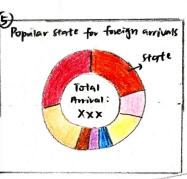
# Foreign Arrivals in Malaysia



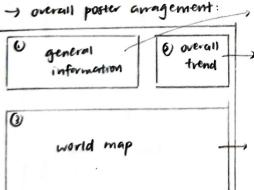








to provide background knowledge



6

Focus

(

to give viewers an overview of recent trend

information about the origin of foreign visitors b where are they from

information about their destination in malaysia 5 WHERE are they going to

Title: Partitioned Poster 2

Author: Chew Xin Ning

Date: 15/10/2024.

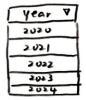
Sheet: 3

Task: Infographic-style poster

## OPERATION

1) filter option for line chart

4 fitter by year [



3 Zoom-in feature for world map 4 So viewers may focus on a particular area or continent

(3) rank shider for bump chart by top state ranking:

5 14

\* bump chart will display a minimum of 5 and maximum of 14 rankings

#### DISCUSSION

## Advantages:

- -) utilise empty space efficiently
- -) has main focus, which is the world map

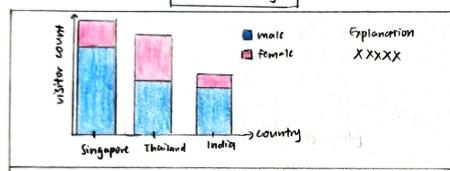
# Disadvantages:

- overload with charts
- no explanations alongside charts
- -) might be messy if empty space are not properly used
- -> all segments are disjointed, pour storytelling

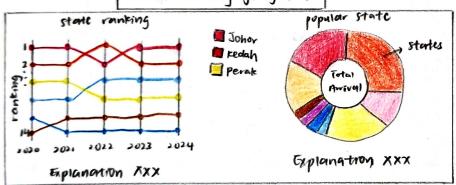
# Foreign Arrivals in Malaysia

# Where are they coming from? World Distribution of Fareign Visitors to Malaysia annotation

# Who are they?



## Where are they going to?



## FUCUS

mainly focusing on 3 things

- 4 0 where are the visitors from
  - () who are they (their genders)
  - 1 Where are they going to in malaysia

Title: Partitioned Poster 3

Author: Chew xin Ning

Date: 15/10/2014

sheet: 4

Task: Informative partitioned poster

#### OPERATION

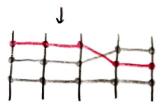
@ legend selection for donut chart

eg:

1 Johor B click

only focus on Johor, fade out other states

- 1 toultip for all charts
- (3) legend selection for bump chan
  (4) same as operation 1
  (4) eg: 
  (5) Johor B click



#### DISCUSSION

#### Advantages:

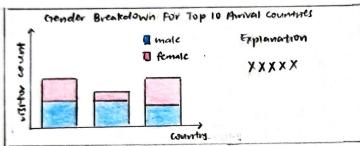
- interactive title for viewers, easier to engage with
- -> clear section with headings

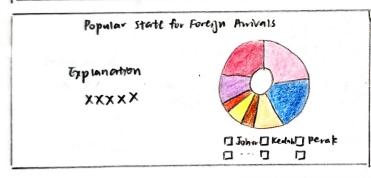
## Disadvantages:

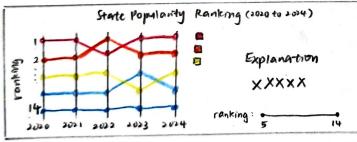
- -) two many titles (heading for each section and title for each chart), hence might be messy
- → lack of interaction with users, as there are not much complex feature to interact with

Foreign Arrivals in Malaysia









## FUCUS

focusing on 4 sections

- \* visual nierarchy in text and tooltip
- \* colour-coded text
- \* annotations on charts
- 4 ( origin of foreign visitors
  - @ gender breakdown of visitors
  - (1) Popular State among foreign arrivals
  - 4 state popularity over years

Title: Final Design Sheet Author: Chew Xin Ning

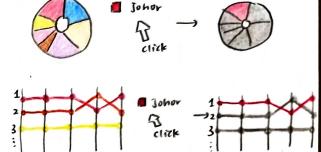
Date: 15/10/2014.

Sheet: 5

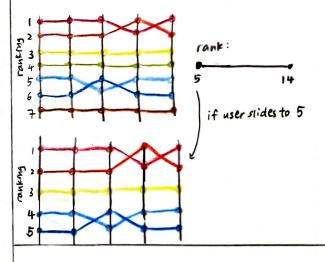
Task: Final besign

## OPERATION

- 1) tooltip for all charts
- (2) legend selection for donut chart and bump chart



3) slider for bump chart



## DETAILS

## Dependencies:

- vegalite for visualization, Rstudio for data cleaning, csv files to store data

Estimated time and effort:

- -) 2 days to create all idioms
- -) I days to write explanations
- → 2 days to arrange and finalize visualizations