

TITIE: Visualisation 2

Author: Amber Pang Havan Yuch

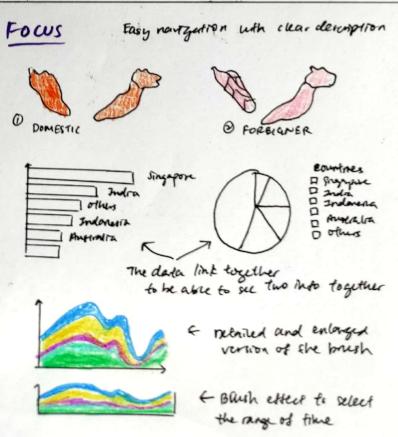
Date: 19 Sept 2024

sheet: 02

Task: Global & Malaysia Tourism

OPERATIONS

- · property the world distribution
- e Allow users to sulect a spentite year to analyse the domestic and foreigner in Malaysia
- e shows toutlip that informs the literat values and note if any data B unavailable
- Provide the option to zoom in or out of any section as the map centre; eg: world, turope, Asia etc.
- o shows intermedine top ten market annals that change the prechart to gether It selected year
- A brush filter to look into the local expendence by product from 2000 to 2022

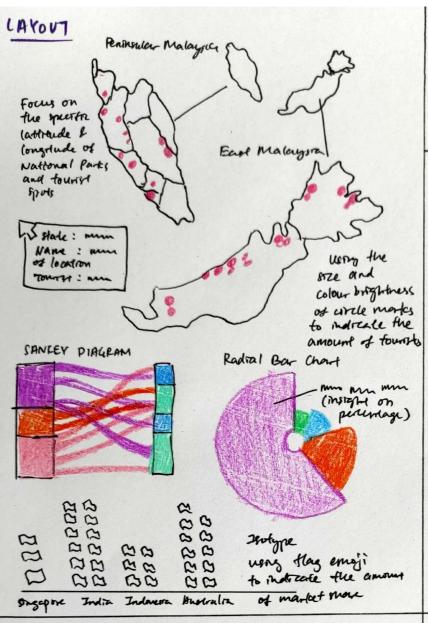


DISCUSSION

users one able to church and select an internal of year from the brush fifter of the Marked area chart so that they could futher avalyse the data of specific time.

>> Postine

- Dentaged chart to allow more acceptable urmalisation
- The state by side comparison of domestic and foreigner can essentiale the difference in tourse amount
- 3 The ranking of top len market hours is easy to identify my the horrowtal lear chart
- (4) The reflection of market parcentage helps virualise the proportion snow different countries
 - > Not much regatives other than not enough annotations.



description

Title: Data Vavalisation 2

Author: Amber Pang Hisnam Yuch

Dare: 20 Sept 2024

Sheet: 03

Task: Focus on Malaysta & Trends

OPERATIONS

- uses are also to point at the circle to see the information on the location of the map
- The map were the brigh effect where vigers can filter through the speatre interval of years to see the pop-ups or donntall of fourth spots
- · By pressing on the sankly dragram, weer can scleet the callegory of products, to see the padral bor anary stowns the percentage of expendreures.
- When wer hover above the flag emoji of a country in the Trotype chare, it is highlighted and the board amount shown von tooltip.

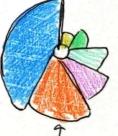


The action of R hovering whose the eircle on the may will show the connection to other lo confrons

The emoji follows the specific country Also a toothip to show

selecting the emgi will lead to a bar chart for the trend thru the years

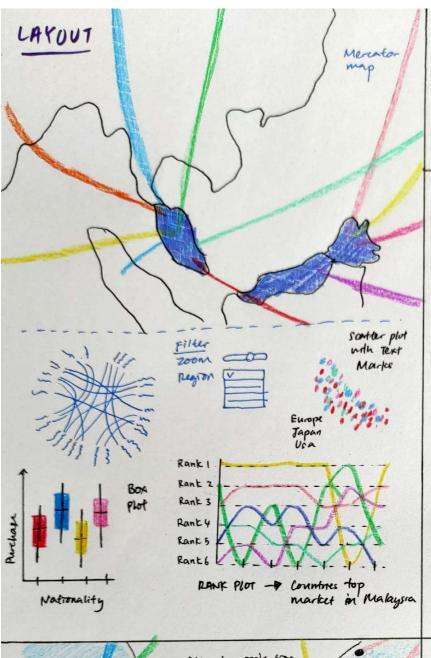
present on a dusub of sankey diagram can lead to the change in padral bar chart

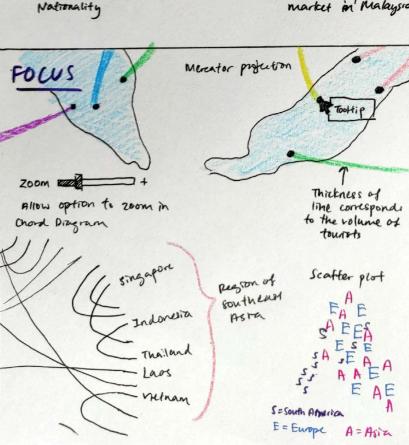


shing specific and their percentage

DISCUSSION

- -) users are now able to navigate to the specific category in the sankey dragram to see the more delaited perentage nores.
- -> Instead of choropleth map, I were eircles to indreade the exact location on the map
- & Postines
- -> much more detailed on malaysia
- -> fun visualisation wong emojis
- >> Negatives
 - -> Appear to be changing usns emij IT for the Botype charp
- -> Luck of information for world
- >> Comotation
 - on the specific locations.





714e: Data Visualisation 2

Author: Amber Pang Hisnan Tuch

Date: 21 Sept 2024

Sheet: 04

Task: Flow of International Tourists

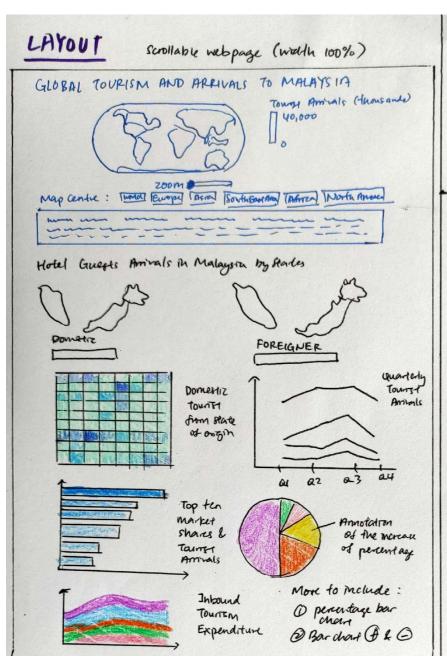
OPERATIONS

- · The Mercator projection centers on Malaysia, providing a clear spatral focus
- · Lines are applied from other courtnes to Malayera, representing the number of town of ambals.
- · The thickness of each line corresponds to the volume of fourths from that country
- · Ang and Chords shows the flow of tourses, throkness of chards reflects the volume of fourth exchanges between regions
- · Scatter plot X and Y axes represent variables of tourse arrivals
- · The box let were see the interquatile range (IRR), the outles are marked.
- · vers can analyse the courtness ranked based on their tourst Contribution to Malaysia.

DISCUSSIONS

Showing the connection of other countries to malayora can emphasize the geographic origins of fourths and shows the spread effectively >> Cons >> Pros

- (i) can be interactive (hovering for details) offer more data depth
- 1) The map might be crowded if there are many connections on individual countries (3) Countries with close
- D) Chord can Summarise a lot of data in a appealing
 - geographic proximity may have overlapping lines, reducing readability 3) Chord diagram can
- (3) Scatter plot with text marks eliminate the need to hover or circle on points to identify Box plot is not region.
 - be consumy with many regrons or complex data inturtive for everyone
- 4) Rank plu easily hard to understand. shows how countries shift over time



Title: bada Visualisation 2

Author: Amber Pang Hsuan Tuch

Date: 25 Sept 2024

Sheef: 05

Task: Final Dashboard Page for

Toursm on Malaysta

OPERATIONS

· Choroputh map shows the number of fourist arrivals in different countries along with their expenditures.

· Users can zoom infout and select specific map centre.

· Line graph displays the scasonal variations in fourth armals to Malayria over different quarters.

· Users can observe how townsm fluctuates

throughout the year

· The stacked Area Chart shows the distribution of fourism expenditure in different sectors, such as accomplation. transport etc. from 2000 to 2022

· The horizontal bar Chart shows the ranking of countries in market shares.

The pie chart allows users to see the exact proportion of market showes

· Brush Alter parameter for the stacked area chart so that users can look into spector finning more clearly.



2015

chart for expenditures products Filter interval of Year

- A strater hound of dopolore to virualise the animetron of seastoral trend

PISCUSSION

This scrollable webpage will provide an easy navigation to specific chart and clear hreaching with intuitive storgline from the bizzer preture to the small detail of Malaysta.

(1) Map may become >> Pros Interactive roomand map centre selection (enable users to explore data in detail

1) the line chant

identity peaks.

cluitered 1) Hard to deerde on the colour nightights the seasonality scheme for of toursm in Malaysia across regran, eaguer to

(3) The stacked Area chart provides clear different peters between expund-the categories