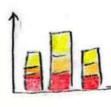


2. Filter

#

1. 1 Lotype requires a lot of space, not space efficient even though it is appealing, and often lack precision needed for detailed analysis

Although scatterplot could provide insight on correlation between two variables with linear regression, but it is not meoningful for turnism enalysis, moting it less relevant



Can be difficult to read, especial when dealing with multiple years and cotegories, cousing dutter of stacked

3. Categorize

· Geographic dota:

G Turnist arrivals to maleysia by country

4 Hutel quests by state

o Trends overtime:

GTurnist amuchs and receipts

a comparative dota:

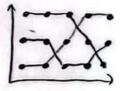
y expenditure (amponent

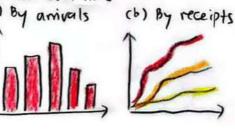
- mude of tronspurt

- 5. Question
- 1. Does the design provide any insight?
- 2. Are the designs visually appealing?
- 3. Is it easy to understand
- 4. Are multiple over needed ?

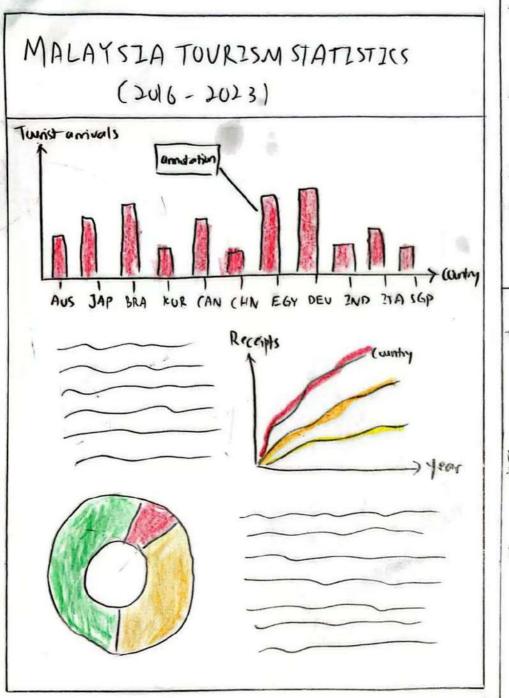
3. comparative data (a) lesser cotyping (b) more cotypines







CS Scanned with CamScanner



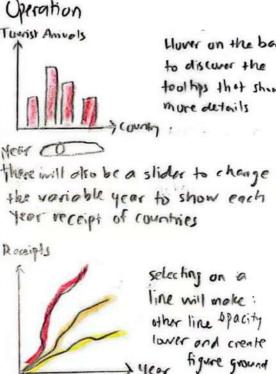
Title: Malaysia Tourism Statistics (2016-2023)

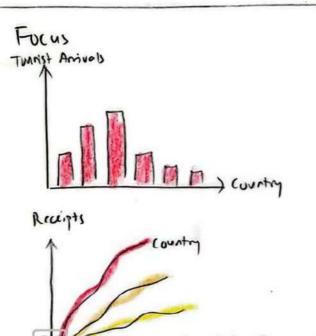
Author: Tan Jian Kai

Date: 13 October 2014

sheet: 2

Task: F] T3179





The focus of the visualization is to explore annual inbound tourists to Moloysia and its receipts to hetter understand how important it is to Moloysia

withc€amScanner

Discussion:

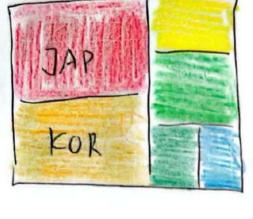
· Pros:

. 4 The visualization allows
User to focus more on
tourist arrivals and
teceipts to get better insight
on Malaysia tourism

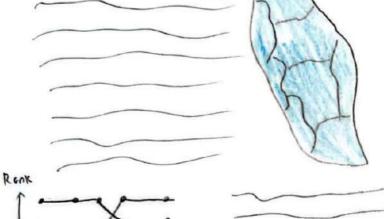
· (ons:

Countries, it might cause the X-axis to be very long and even not fit in every country in a similar noce.

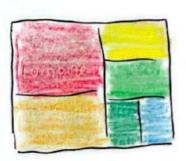




Hutel Guest by state



Focus



The focus of the visualization
is to highlight where tourism
stay and where they come from,
mainly about the travel and
accomposation of tourist so that
we have insignt about which state has
most tourist arrivals



with CamScanner

Title: Mulaysia Tourism Statistics (2016-2023)

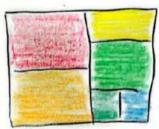
Author: Tun Jian Kai

Date: 13 October 2024

sheet: 3

Task: F273179

Operation



annotation will be added so that Even if the category is foll small we

will still be oble to identify it through



when hovering on state in mill show tool tipe about hotel quests number one the sam slider will swammen based on many to give better clock

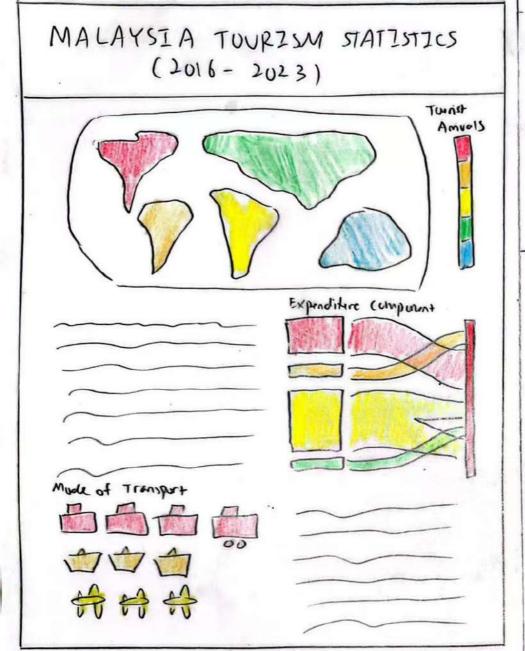
Discussion

· Pros :

The choropleth map that shows mological gives geographically of each state and visually approling

· Cons :

-, The tree map will make it hard to read small value and the bump chart can be cluttered with too many categories



Title: Malaysia Tourism

Statistics (246-2023)

Author: Tan Jian Kai

Date : 13 October 2024

Sheet: 4

Task: F2T3179

Operation Mapaphre:



when howing on the country it will show tustips to bester understone the country detail

and also it will show thom effect to give figure ground . Besides it will has a zeom slide to zeom in action region to look clearly and in map come drop down of Several region so that we can 200m in based on the mop centre.

Focu)

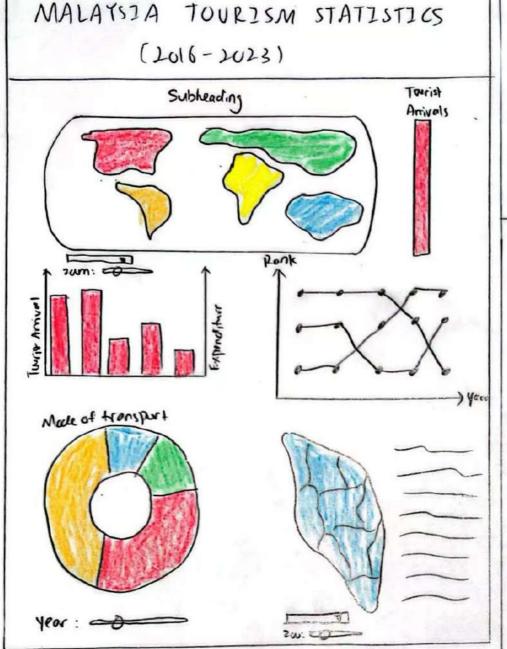
- . All charts in the visualization is equally important, there is no main focus
- · (horopleth mop provide a geographiz wernew of which countries contribute the most tourists to Moloysia
- · Sankey diagram shows the distribution of spending among different expenditure components, gives insight into economic impact.
- · Isaype Catar Femiph Hier Coa Mas de not Grave to Maloysia in on engaging way.

Discussion

· Prox:

4 the choropeth map oble to fit in all countries, so we will not lose any information

· Cons: data density limitation 4 Two many countries will make it hard for war to compare and the 250 type requires a lut of space, not space efficient plus often lack pricision.



Title: Malaysia Tourism

Statistics (2016-2013)

Author: Ton Jion Kai

Date: 13 October 2024

Sheet: 5

Task: FZT3179

Operation

- · legends to display the variable
- e slider to zoom in and zoom out as nell as changing the parameter of the variable like year
- control the map centre
- · every visualization will also have tooltigs to further provide the details

Focus

- · There is no main focus, all graphs are equally important
- · This virualization is to provide a board, multi-faceted view of Malaysian tourism, focusing on:
 - where fourists are coming from globally
 - I how tourist numbers and receipts have trended over
 - 4 how tourists spend their money
 - where tourists are stoying within Molaysia cs Scanned with Camscanner y what transport modes they are using to travel

Details:

Dependencies:

4 world and Malaysia mop topojson (json)

4 vega lite integration

Estimated time and effort:

7 estimated I week

specific requirement:

y high resolution display