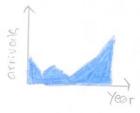
IDEAS

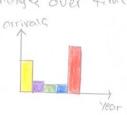
> Geographic Map: Every point of entry into Malaysia





-> Actival trends: Change over time





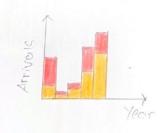
> Entry point compenison by states







- Gender Analysis



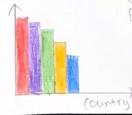


-> TOP country with mest cirrivals



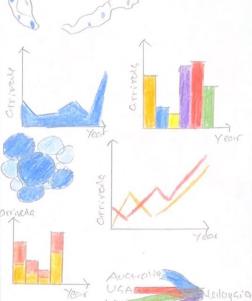






Malaysia

Filter



France

Categorise

- 1) Entry points in Malayaia
- 2) Arrivel Changes over time
- 3) Stete-Wise arrivals
- A) Gender Propertien
- 5) Top countries by arrivals

Question S

- i) Do I went to use two map idions in this vigualisation?
- 2) How con lengure viewer identify the trends in arrivals clearly?
- 3) Can we reduce the number of cotegories by Combining idiams?

Combine & Retine

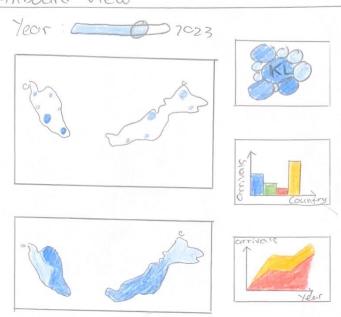


* Arguers

By using a starred area check it can combine number of arrivals over time and proportion or male us female arrivals into one visual collowing easy pattern recognition.

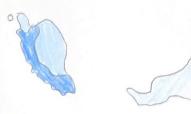
Layout

Doighboard View



The year clider will charge the data for all the idians besed on the year selected by the user. For example, Sarawar noise herve a loss derver shade in 7023 companies to 2020.

Focus :



- A Chloropleth map shows geographic patterns and provides a clear overview of how arrivals Country.

Title: Foreign Arrivals in Malaygia Doghboord

Author: Muhammad Imran

Date: 4/10/2024

Sheet: 2

TCIGK: Create or dean board Showing analysis of fereign arrivals into Malaysia

Operation





- Slide te Charge Viscodicatren baged on the year

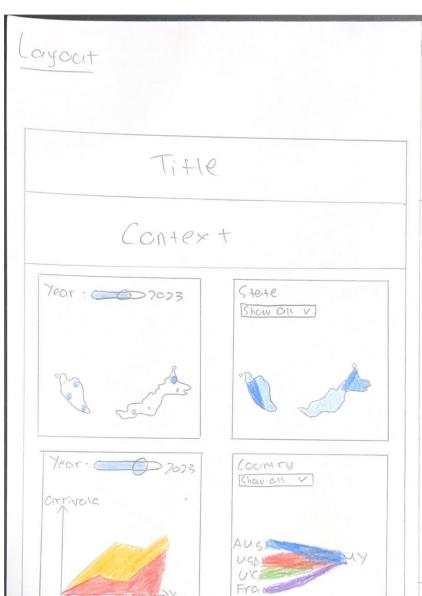
Discussions

Positives

- 1) comprehensive overview of
- 2) Easy te-understand idioms

Negatives

- 1) Lack of context to explain
- 2) Might cause a Cognitive overload due to overwhelming Charts
- 3) Lock of Sterytelling Flow



tocus AUStralia UGA

UK France Theiland

Malaysia

=> A Sanvey diagram allows viewers to trace and Compare the number of arrivers across different 2) Main map is not the Countries. This were, it is easy to see the main Source of Fereign arrivals inte Malaysia.

Title: Comprehensive Foreign Arrivals inte Malayara Anelygis

Author: Muhammad Imrain

Date: 4/10/2014

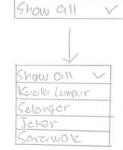
Sheet: 3

Togy: Create a were detailed averlyes of foreign arrivals

inte Malayaie

Operation

Steites



Pregg + he "v" butten te Cheoce a Specific Steap to highlight

Discussion

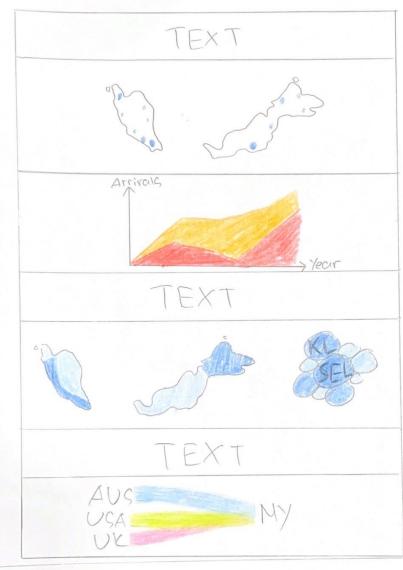
Pogitives

- 1) More flexibility with filters
- 2) Provides some context te Viewers
- 3) Got flow fer stery telling

Negatives

- 1) Too Gimple and plain which may cauge the visualisation te be bering
- CEMPTE OF the Vigualisation.

Layout



tocus



=> The propertional gymbel may provides an intentive Comperison between entry points. It also Shows clearly the gegraphic distribution whilst enguing regions with the highest traffer is easily noticeable. It will also have a Kriter to allow users explore arrival numbers out each Point Change over time, adding a temperal dimension to the analysis

Title : Defeiled analysis of fereign arrivals inte Mailaysia

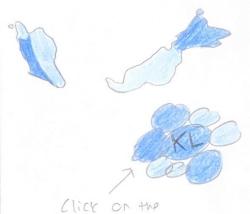
Author: Muhammod Imran

Deite: ca/10/2074

Sheet: 4

Tage: crease a detailed analysis fer viewers te explore Gereign arrivals into Manaygia

Operation



bupble diagram te highlight a greeific gotte

Discussions

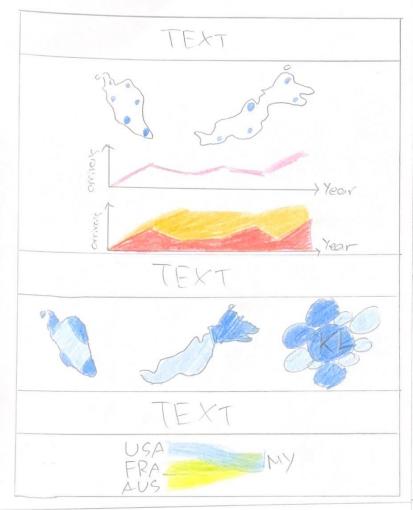
Pogitives

- 1) Ofter were bewardicanen & Cuctemisation
- ?) Clear flow of sterytelling
- 3) Provides better and clearer Context and vigualization Cer new Viewers

Negetives

1) May have teo much Cluffer

layout



Title: Final Design Sheet ALHER: Muhammed Imran

Doite: 4/10/2024

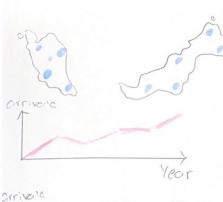
Sheet 5

Togy: Baged on sheet a, make improvement and degign the River Visualisetien.

Operation

- 1) Fland-over tooltips that Provide in Eights when viewer interact. This ellows further circlycic.
- 2) The deanboard will be easy to read in any screen sizes, ensuring good user experience.
- 3) Will have deacripticas and context as well as legends to explan any visual aug.
- 4) The dealboard will be vertical to reduce elutter and any peggible cognitive overload. This will also engure a seemless experience for users to move between idions and improve storytelling.

Focus



Yeer

- => A brughing interaction
 Which links the first
 two idiams. This
 interaction allows
 Users to filter the
 time Period displayed
 in beth idiams
 Simultaneously.
- => This ensures a smooth, (chesive exploration of the temperal deute whilet ensuring the interface is intuitive.
- =) This will allow users to analyse the date in a unified menner

Discussion

- 1) Doutabege implemented from
 2 seperate files that have
 been combined into one.
 This is also used together
 with a tepeison file of
 Malays, a.
- 2) Estimated time needed based on workload: 1.5 weeks
- 3) Software needed to build dockhoord:
 - 1. Github
 - 11. Vega-lite