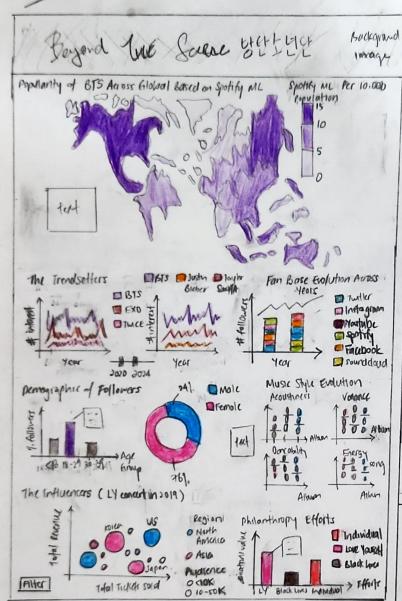
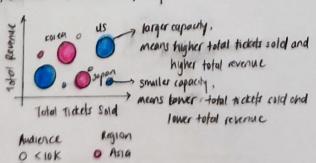


LAYOUT



# FOCUS\_

1) Focus on highlighting the relationship between total revenue and total tickets sold by audience / stadium capacity



O Harth America

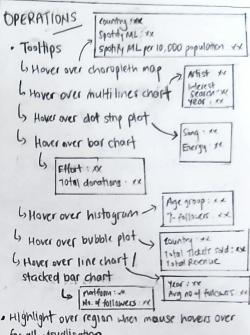
10-50 K

Title : Dashboard view Author: KOE RVI EN

Date: 15-09-2024

Sheet: 2

Task: Design intographic poster



for all usualisation · Slide the slider to filter year of the interest search

that viewers are interested to analyse. · [Filter | drop down box to filter the region by dropping saection for veneus to select

### DISCUSSION Advantages

· Viewers can easily understand the information indicated in the dashboard and usualization

· Good flow of usualisation beary to tollow along and gives a clear information about BTS (popularly, discography, revenue etc.)

· Good user interactions 6 attract user to engage with data

· Viewers able to new the trend | popularity of BTS across the global and also the demographic Disadvantages . Allows for under range of vis to

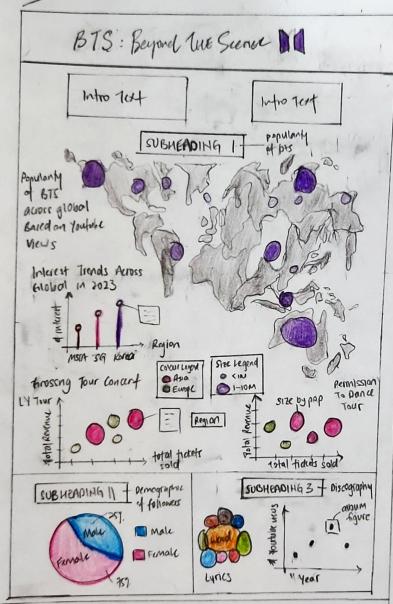
Hornalisation on choropleth map may be difficult to perform as some regions an the map may disappear after normalising

May visual cluttering, less white space

May confuse viewers when viewing the combination of chart.

Might be information overload

LAYOUT



FOCUS

1 Word Cloud



- → show the number of word to be appeared in the lynes
- -> Alghight the features of lyrics -that a song that BITS want to to express.

- @ Proportional Symbol Map
  - -> show popularly of BTS across global based on Youtube Views at different regions
- the site of symbol larale marks willindicate the popularity of BTS an certain countries

continents.

ompare trends in popularity at different countries

Title: Dashbourd New Author: KOE RVI EH Date: 15:09-2024

Sheet: 3 Task: Design infographic paster with annobilitions

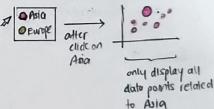
OPERATIONS

· Highlight over region when mouse hover over for all visualisation.

· Region drop-down box to filter the region by dropping selection for newers to select.

· Hover mouse over data points to show toothips for all visualisations.

 Hightlight data points that newels interested when they select on the legend.



## HOREUSIO

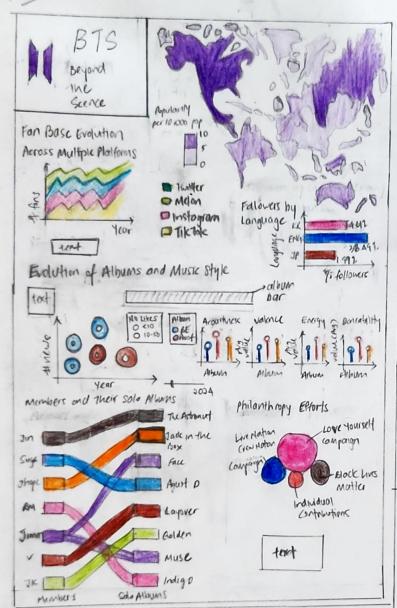
Advantages

- · Well segmented into dear sections.
- · Involves various implementation includes complex one and can highlight these
- . Involves wide range of visualisations. Lattract viewers attention
- · Clear layout , avoid usual cluttering

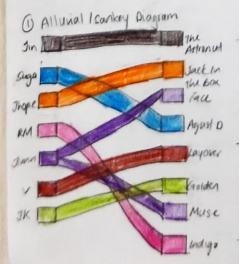
Disadvantages

- . Wind cloud may difficult to be implemented using vega-Lite. May require external software
- . Wiewers may found difficult to interpret the proportional symbol map as some marks may too close to each other due to some values are similar between countries or two poore countries are close to each other
- · Youvers may dithout to interpret when the bubble areas vary only slightly, couring viewers to be confused
- · Lack of annotation or text descriptions.

LAYOVI



FOLUS



-ilustrates which members have released solo work and the volume of their releases.

The thickness of flow lines represent the number of album soles | number of solo work released

- Highlight how BTS members active in releasing solo work.

Title: Dashboard VIW Author: KOE RUL EN

Pate: 15-09-2024

Cheet: 4

Task: Design a scrollable infographic poster

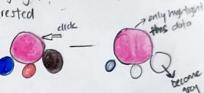
#### OPERATIONS

· Bar at the top to filler highlight album



can filter by clicking the album icon

· Hovening mouse over usualisation to highlight date area that the viewers interested



 Slide the stider to filter year of number cooses
of Youtube newers of all albums that viewers interested.

#### DISCUSSIONS

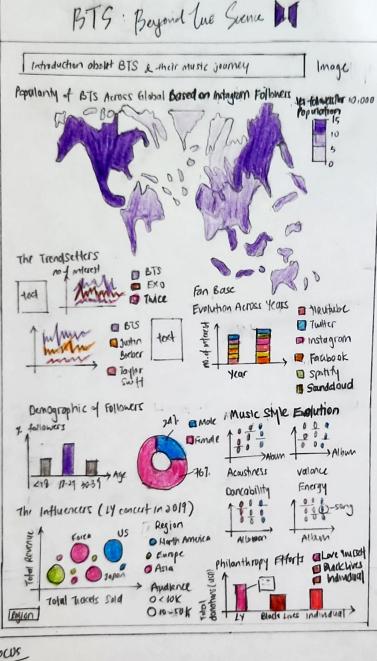
#### Advantages

- · Good user interaction. Gattract user's attention
- . Use of colourpalette to differentiate between categorical attributes
- · User interaction is easy to implement and also easy for user to operate
- · Users can understand the versality of BTS and their popularity across global.

#### Disadvantages

- · 1900 many visto vicual duttering
- · Proportional Symbol | Packed buildle chart may aithfult to implement using vega-lite. This situation also applies to Allunal Diagram.
- . Layout is messy -> Legendand Atter.
- · Viewers may bund difficult to interpret when the diagram contains more and outer bubbles.

LAYOUT



FOCUS

1 Dot strip plot

4: Acoustiness > Album

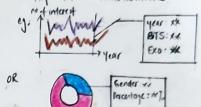
- Illustrates how music styles evol for songs released in each album.
- Compare the music characteristics vary from album to album

Title: Dashboard New AUTHOR: KOE RU EN Date: 15-09-2029 sheet: 5

iask: Design the final layout

OPERATIONS

· Hover mouse over data paints to show toothips for all visualisations



- · Highlight over region when mouse hovers over for all visualisations
- · Slide the stider to fitter year of interest search that viewers are interested to analyse
- Region | drop-down box to filter the region by dropping selection.

· Highlight data points that viewers interested when they select on the legend.

DETAIL\_

- · Dependences : Vega-Lite to build map and diagrams.
- → HIML, CSS and pure CSS grid to usualise the idloms built using vega-lite
- -> Excel for data formatting, scrapping. wrangling.
- · Estimated time and effort:
- -> at least 4 days to build all idisms including cleaning and formatting and 3 days for final design layout
- -> need extra I day to do research before building idioms using vegatite
- · Specific requirements:

dashboard

- -> Device of least 1200×900 screen size to view
- -> Need Fregson Topojson files to build bace maps