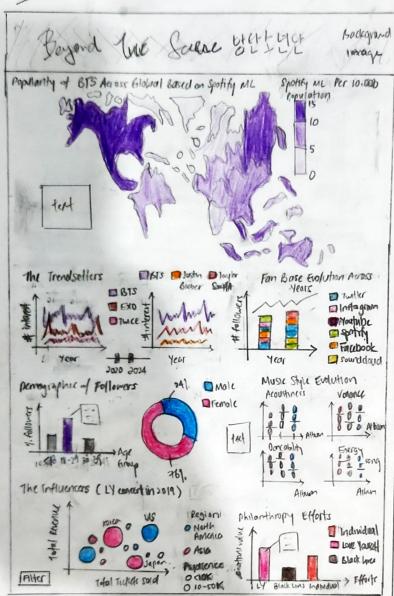
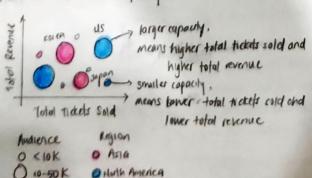


LAYOUI



FOCUS

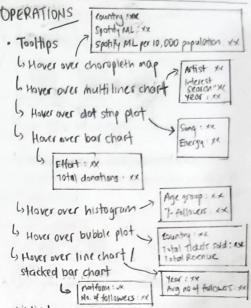
(1) Focus on highlighting the relationship between total revenue and total tickets sold by paudience / stadium appacity



THE: Dashboard View Author: KOE RVI EN Date: 15-09-2024

sheet. 2

Task: Design integraphic poster



Highlight over region when mouse hovers over for all visualisation.

· Slide the slider to filter year of the interest search that viewed are interested to analyse.

· (Filter) drop down box to titter the region by dropping salection for veness to select.

DISCUSSION

Advantages

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

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

· Good user interactions Gattract user to engage with data

· Viewers able to view the trend popularity of BTS across the global and also the demographic of their followers

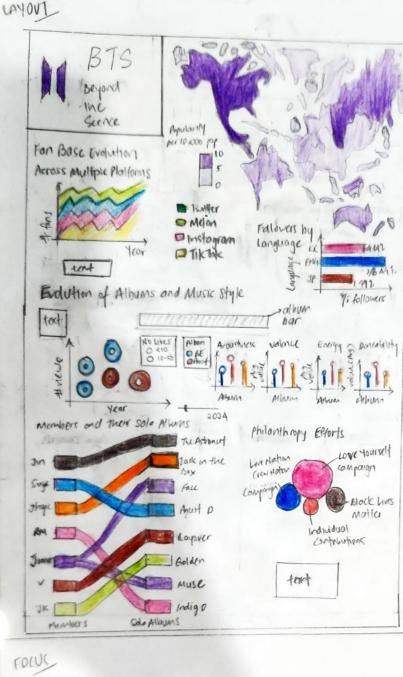
Disadvantages . Allows for wider range of vis to

· Hornalisation on charapteth map may be difficult
to perform as some regions on the map may
disappear after asimalising.

. May visual chittering, less while space

, May confuse viewers when viewing the combination of chart.

. Might be information overload



Astronut

Indigo

FOLUS



Jack In Suga the box Thope Agust D RIM Golden

- Mustrates which members have released solo work and the volume of their releases.
- The thickness of flow lines represent the number of album sales number of solo work released
- Highlight how BTS members active in releasing solo work.

Title: Dashboard View Author: KOE RUL EN

Pale: 15-09-2024 Cheet: 4

Task: Design a scrotlable intographic poster

OPERATIONS

· Bar at the top to filler lhighlight album



can filter by clicking the album icon

- · Hovering mouse over usualisation to highlight data area that the viewers only inguliant interested dick
- · Slide the slider to filter year of number cooks of Youtube Newers of all albums that viewers interested.

DISCUSSIONS

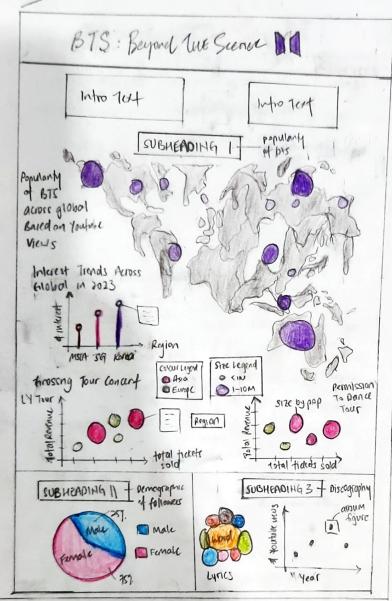
Advantages

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

Disadvantages

- · 1700 many visys usual duttering La confuse nevers
- » Proportional Symbol | Packed bulbble chart may difficult to implement using vega-cite. This struction also applies to Alluval Diagram.
- · Layout is messy -> Legendand Atter.
- · Viewers may bund difficult to integrat when the diagram confains inner and outer buildles.

LAYOUT



FOCUS

1 Word Cloud

Lyncs



- -> show the number of word to be appeared in the lyncs
- -> flightight the features of lyrics that a song that BTS want to to express

@ Proportional Symbol Map

- -> show popularly of BTS across global based on Youtube News at different regions
- the site of symbol laircle marks hall indicate the popularity of BTS an certain countries continents.
- movers are able to view and compare trends in popularity at different countries

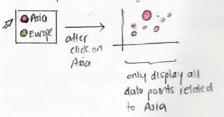
THLE: Oashbourd New Author KOE RUI EN

Date: 15-09-2024 Sheet: 3

Task: Design infographic poster with annobitions

OPERATIONS

- · Highlight over region when mouse hover over for all visualisation.
- · Region anop-down box to fitter the legion by dropping selection for viewers to select.
- · Hover mouse over data points to show toothps for all usualisations.
- · Hightlight data points that newers interested when they select on the legend



HORZUSZIQ

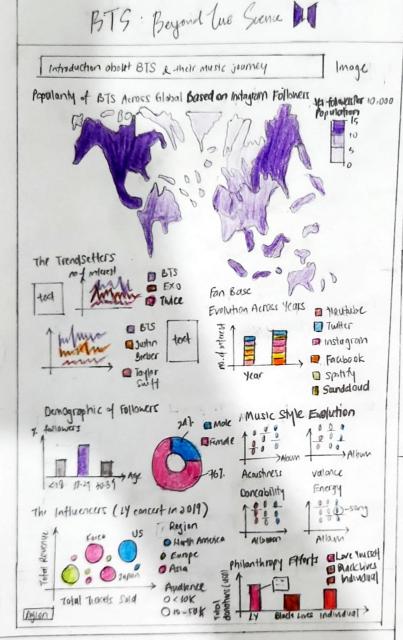
Advantages

- · Well segmented into dear sections
- · Involves various implementation includes complex one and can nightlight these
- . Involves wide range of visualisations 6 attract viewers attention
- · Clear layout, avoid usual stuttering

Disadvantages

- . Word cloud may difficult to be implemented using vega-Lite. May require external software
- · Wewers 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 of two more countries are close to each other
- Yeavers may difficult to interpret when the bubble areas vary only slightly, cousing viewers to be
- · Lack of annotation or text descriptions.

LAYOUI



FOCUS

1 Dot strip plot

4: Acoustiness

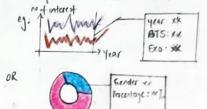
- illustrates how music styles evol for songs released in each album.
- compare the music characteristics vary from album to album.

Title: Dashboard VIEW Author: KOE RU EN Date: 15:09-2029 Sheet: 5:

Task: Design the final layout

OPERATIONS

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



- . Highlight over region when mouse hovers over for all visualisations
- · slide the stider to filter year of interest search that viewers are interested to analyse
- · Region drop-down box to filter the region by ampping selection.
- · Highlight data points that viewers interested when they select on the legend.

DETAIL

- · Dependencies :
- -> Vega-Lite to build map and diagrams.
- → HIML, CSC and pure CSS grid to Visualise the talloms built using vegatite
- -> Excel for data formatting, scrapping.
- · 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:
- -> Device of least 1200×900 screen size to vew
- -> Need Englson Topojson files to build