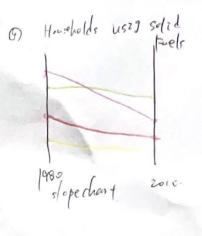


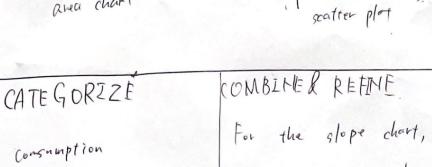
0,0

Access

P, O

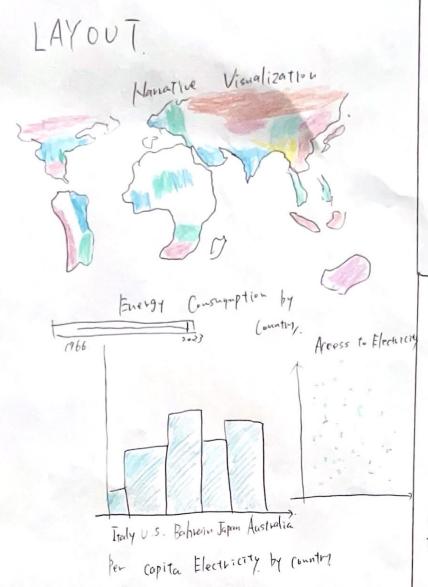






we can use true chart To add more year data (if data is available)

Question 1) How do you hadle missing values? 2) Do the visualizations clearly tell you what they want to say?



Title = Initial Design !

Anthon: Ryusi Takamura

Date : 16/10/2024

Shoet: 2.

Task. Harrative visualizations for energy access and consumption

Operations

create the slidet

if you move your mouse,

it shows the specific year's

map. Man You can change

the map manually.

focus.

For the Access to Electricity,

\*\* axis is GPP per Capita and Y axis is

the percentage of access to electricity,

the color is based on regions such as

Asia, Africa, Europe, etc.

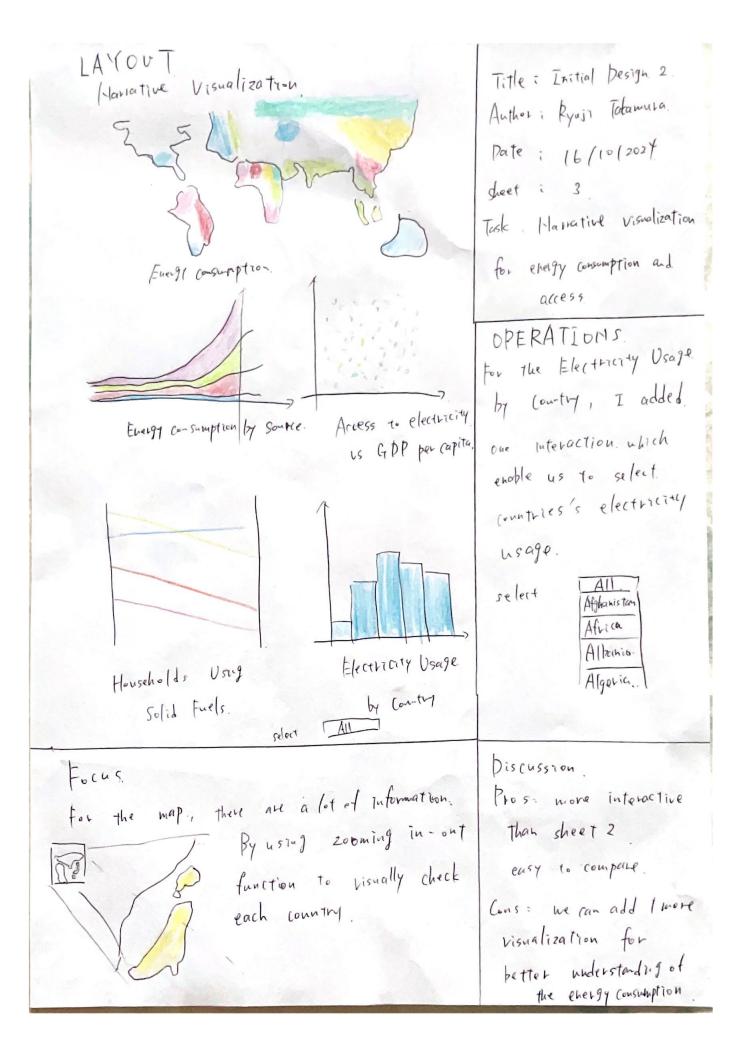
The later data points, the higher the access

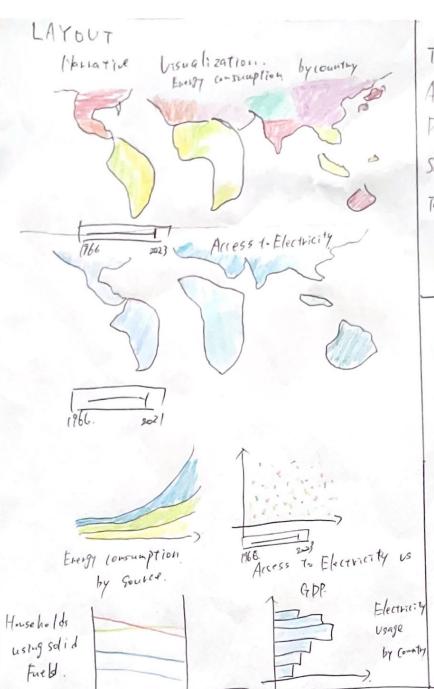
to the electricity

biscussion.

Pros : easy to understand and comprehensive.

Cons: visually imbalanced for the overall color.





Title: Initial Design 3
Author: Ryuji Takamura
Pate: 16/10/2024
Sheet: 4

Task: Hawative visualization for energy consumption and agess

## OPERATIONS.

tor the map, I added.

3 more sliders.

1. year slider to charge

the data by year

2. Moving left / right sliders.

To move the map left of right.

3. Moving top / b orton sliders.

To move the map top or botton

4. Zoom sliders

tozoom in or out the map

for 2 maps.

focus.

For all the map, I add the fext annotation for key features that express the visualization, the most. for example, one of the African Countries on scatter plot is the text annotation to see the electricity access across the your.

Discussion

Pros: These graphs

clearly shows athe

content of the visualization

It is interactive and

attracting the users

Cons: Overall it looks

overwhelming some assistance

heeded

