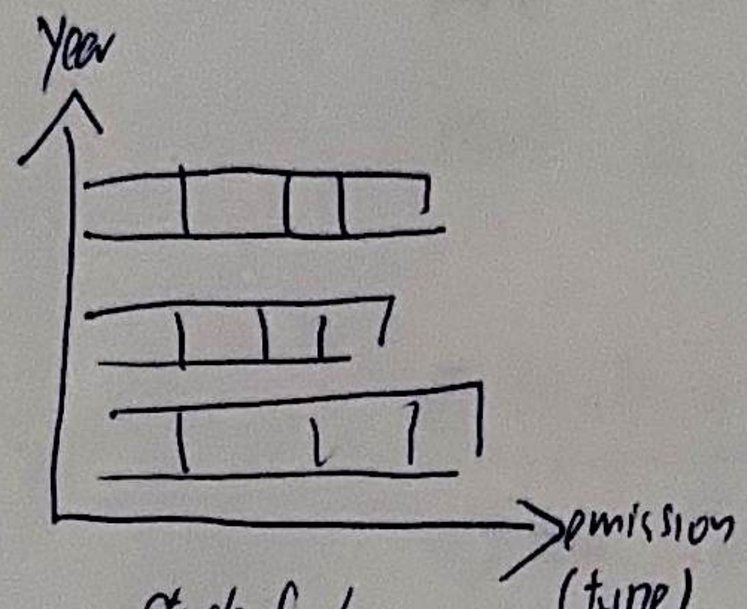
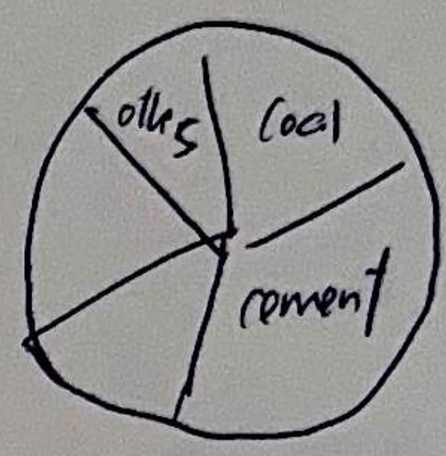
IDEAS

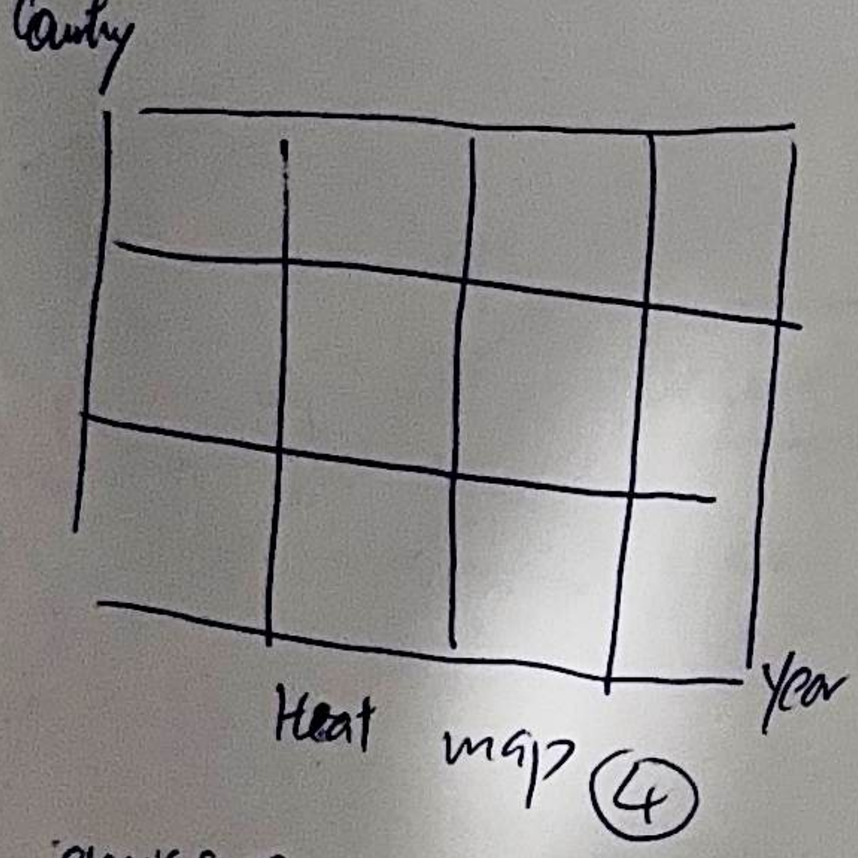
line chart ①



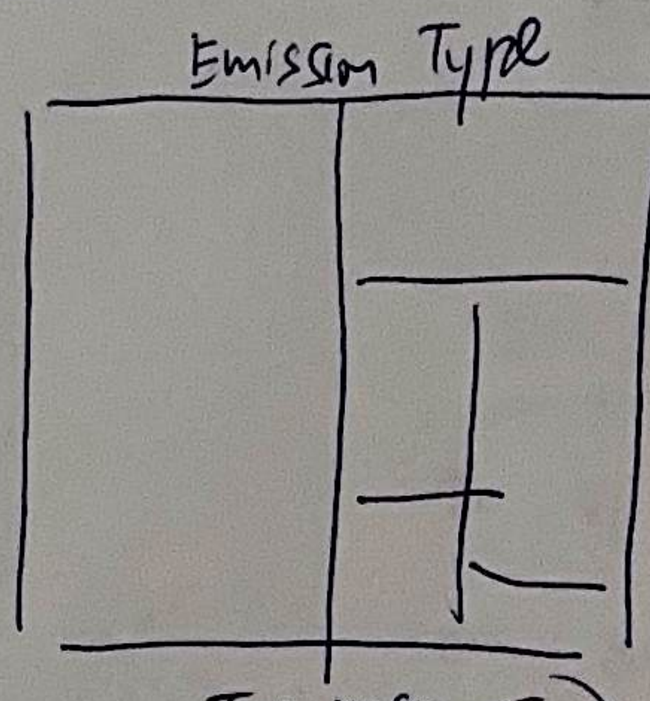
stacked bar chart ②



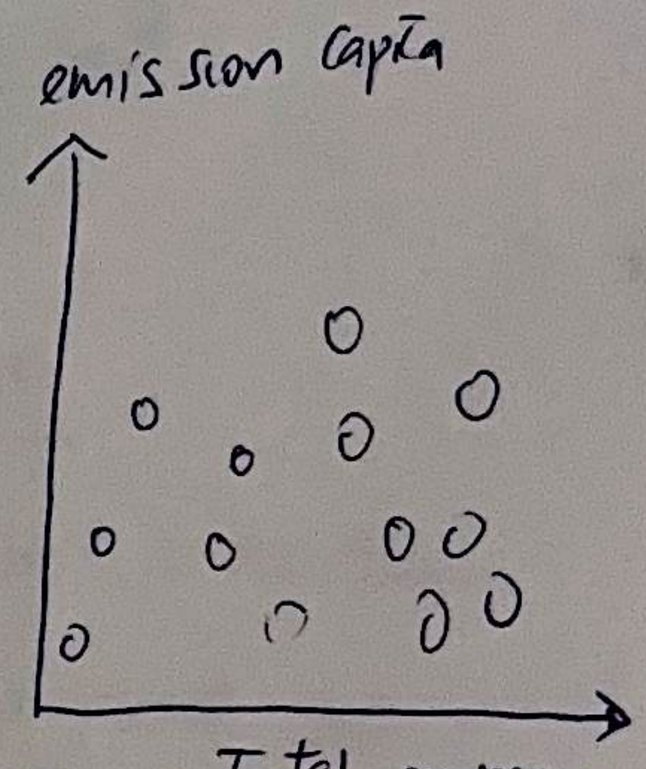
pie chart ③



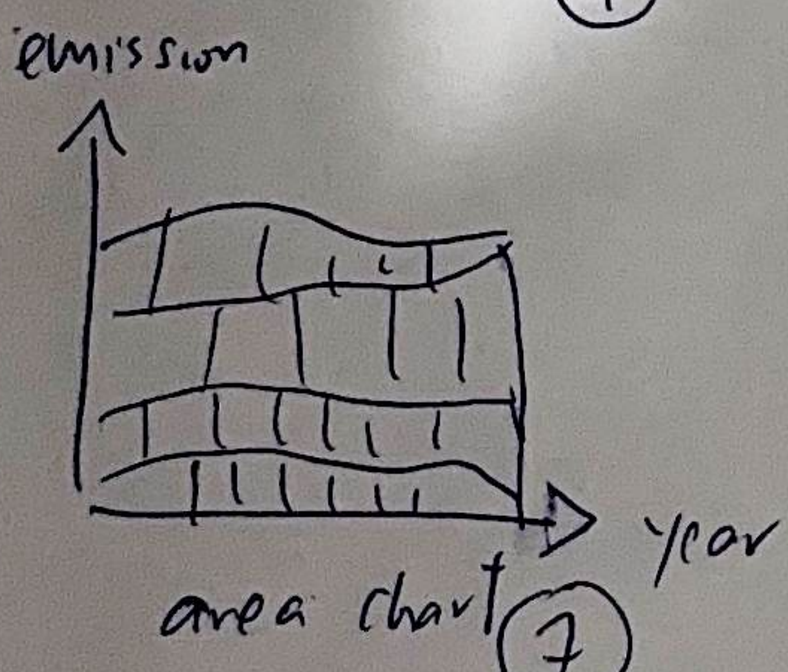
Heat map ④



Tree map ⑤

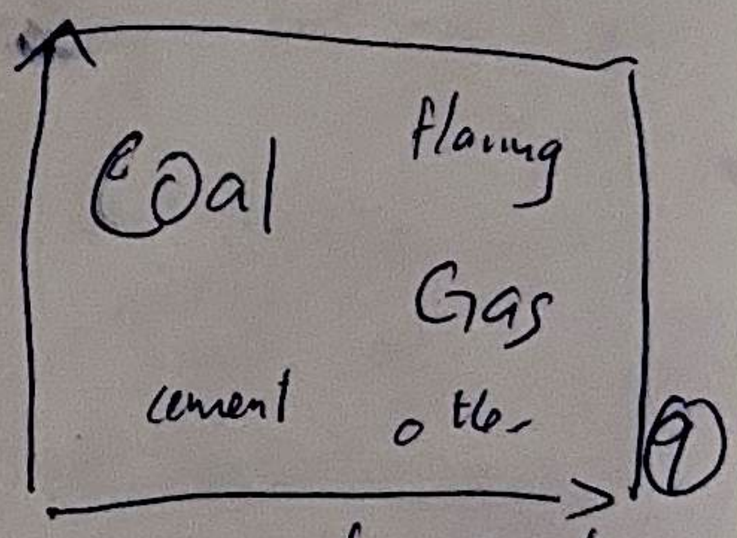


scatter plot ⑥



area chart ⑦

map chart ⑧



word cloud ⑨

Filter

I ②, ④, 9 and 7 other charts like line and stacked bar chart can let everybody to understand easily

Categorise

Trend : ① ②

distribution : ⑥ ④

preparation : ②

Questions

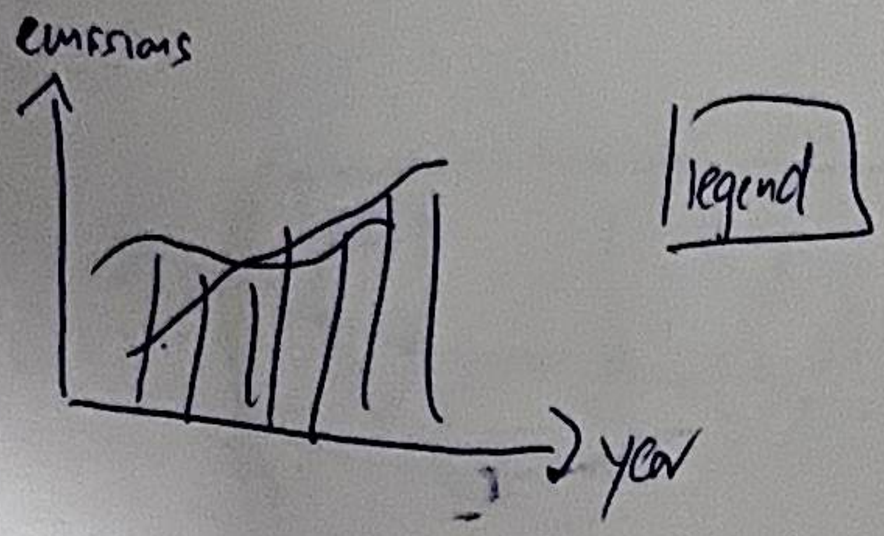
For ⑥ is it a good chart to find out distribution

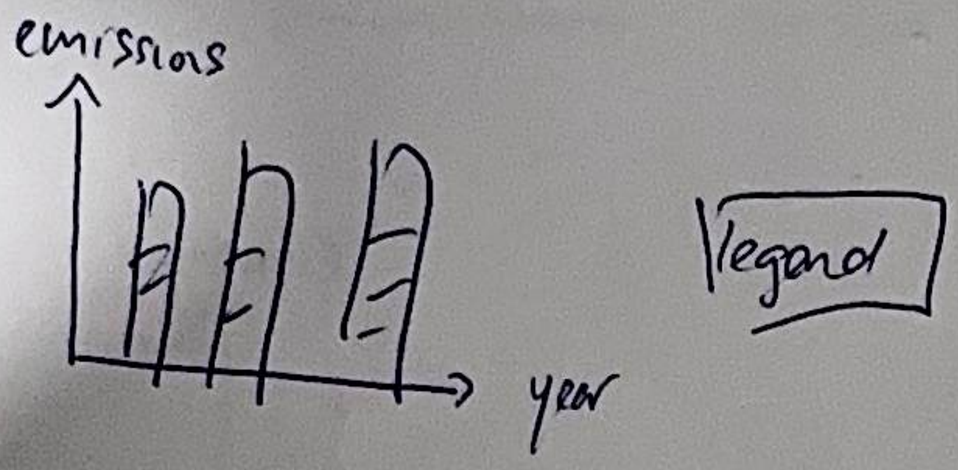
Author

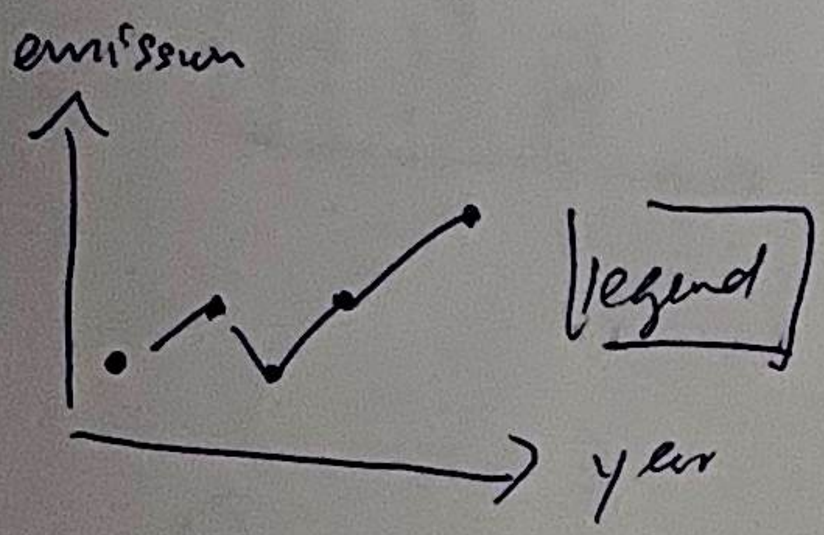
: Wai Tien

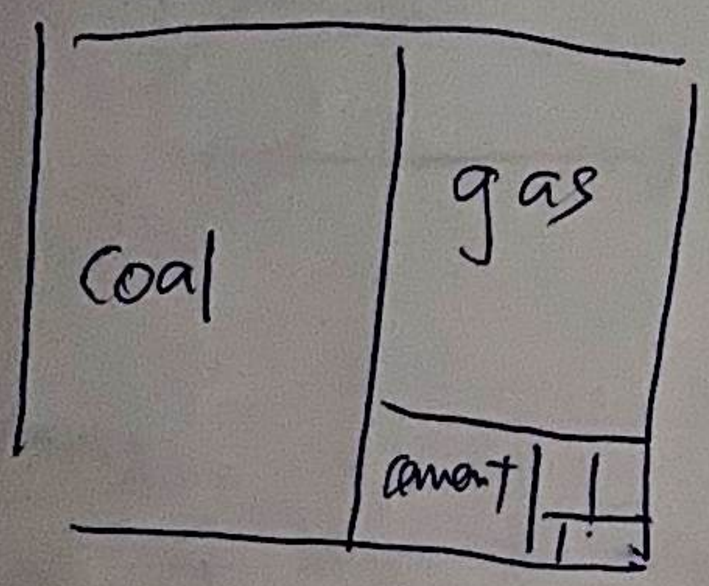
1/10/2024

LAYOUT









Focus

- The first 3 chart is showing the total emissions in year by country or source of emissions
- The fourth chart is distinguish which source emit most emission

Title : Assignment 2

Author Sa wai Tien

Date : 2/10/2024

Sheet 2

Operation

1.) use filter to select data, so user is able to find what they want

Discussions

The visualisation is too focus on emissions and year. It does not tell the reader something. Not only that using the filter for each graph will need more attribute as my data set has not enough data

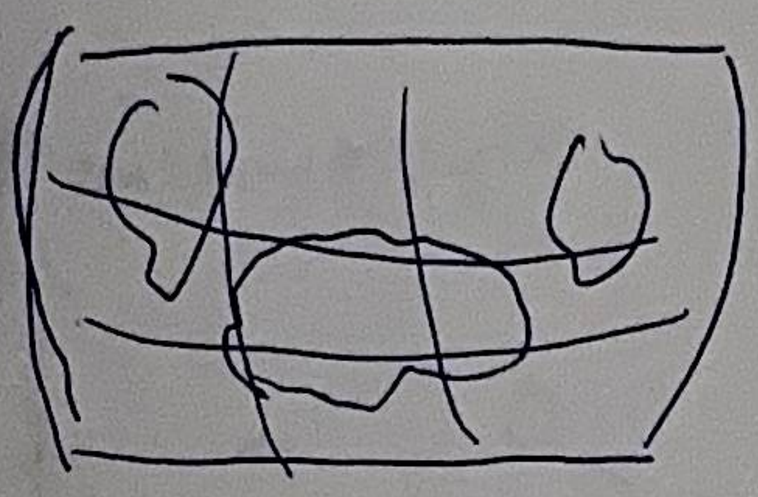
LAYOUT

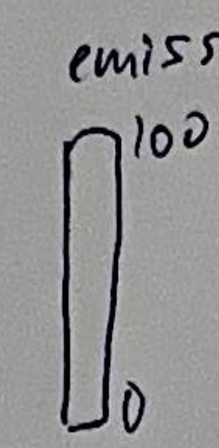
Title : Assignment 2

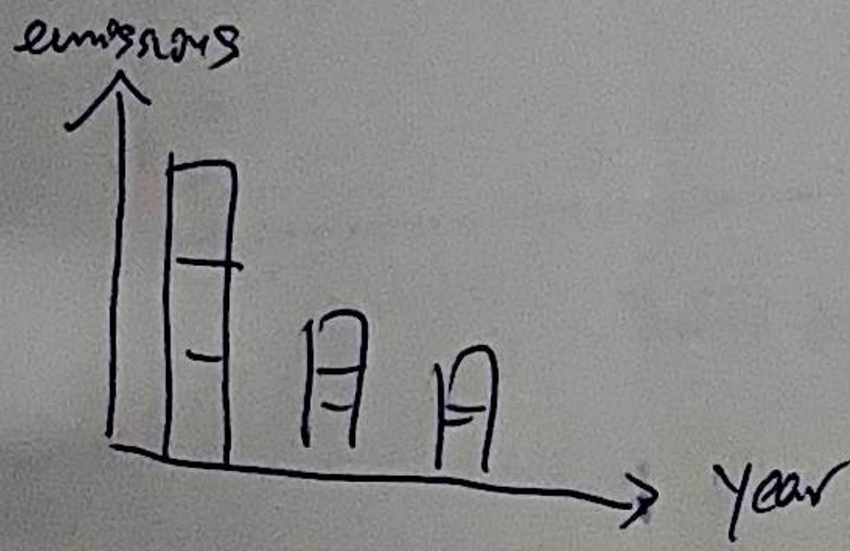
Author : Wai Tian

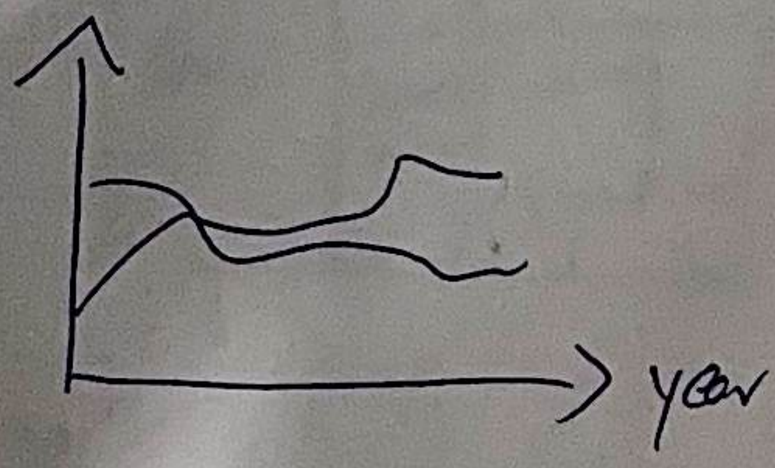
Date : 3/10/24

Sheet: 3









operations

- The map will have sort of filteration for year

- Bar chart will have filteration for which source the user want to see

- area chart can choose a specific area to see that part of data.

Focus.

Use the Map to show the CO_2 ~~country~~ emissions for the countries

Then use stacked bar chart to show the major sources emissions to the world. The area chart show the coal emissions as Australia produce and used ~~the~~ ~~not~~ coal

Discussions

- These charts are connect to analyse the data for storytelling

- is it better to use line or area chart. worried that area chart will be a bit complex for user. As area chart will clump together

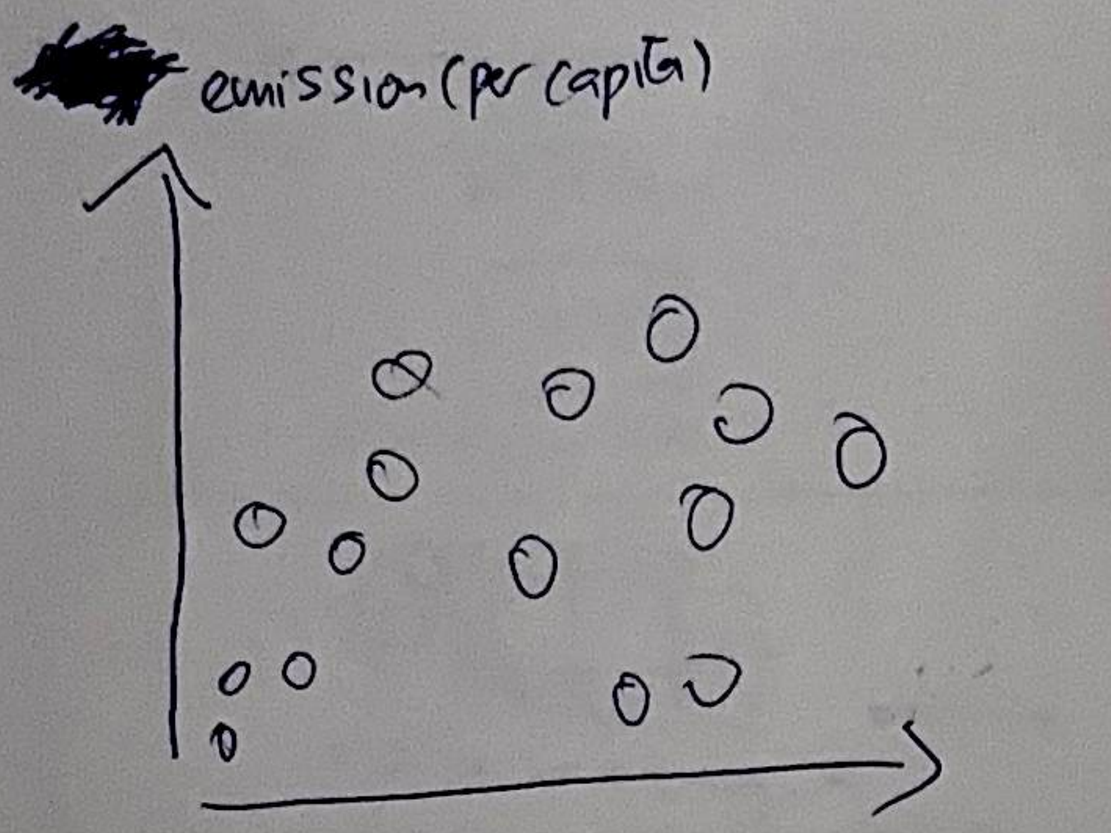
Title: Assignment 2

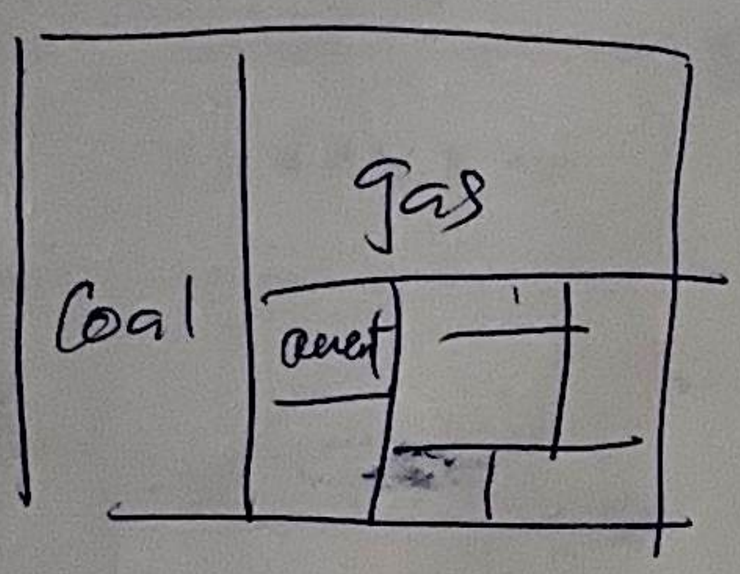
Author : wai tien

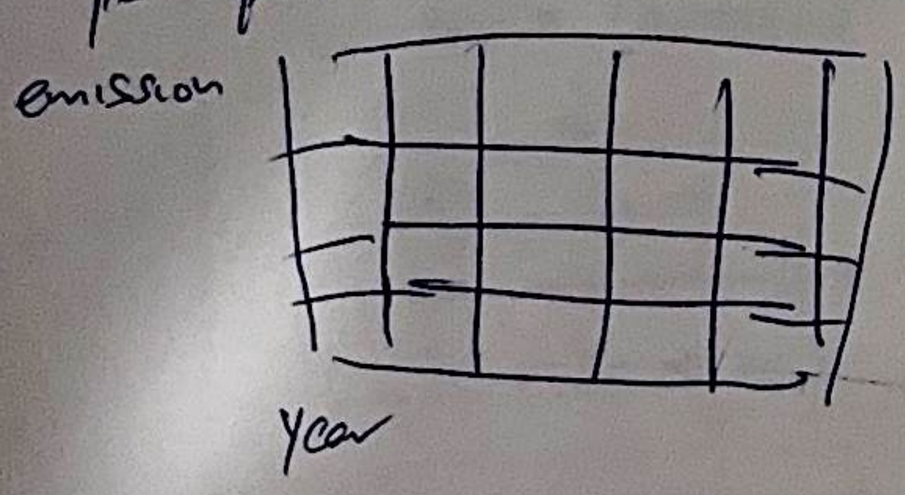
Date: 4/10/2024

Sheet: 4

LAYOUT







Focus

- The scatter plot is use for comparing the total emissions and per capita emissions by the county. Tree map can analyse which source produce the most emissons The heat map indicate which county has the most per capita emissions

operations

- ~~They~~ The scatter plot should allow to zoom in as logical sense ~~more Total~~ greater Total emissions mean greater per capita emission but here we try to find out

- the heat map should have legend to ~~#~~ tell user ~~wi~~ about the colour indicate something

discussion

~~th~~ scatter plot and heat map is a good chart to ~~tell~~ help user to analyse the emission produce by county

- Tree map is not really important as they have no much info to tell user important message

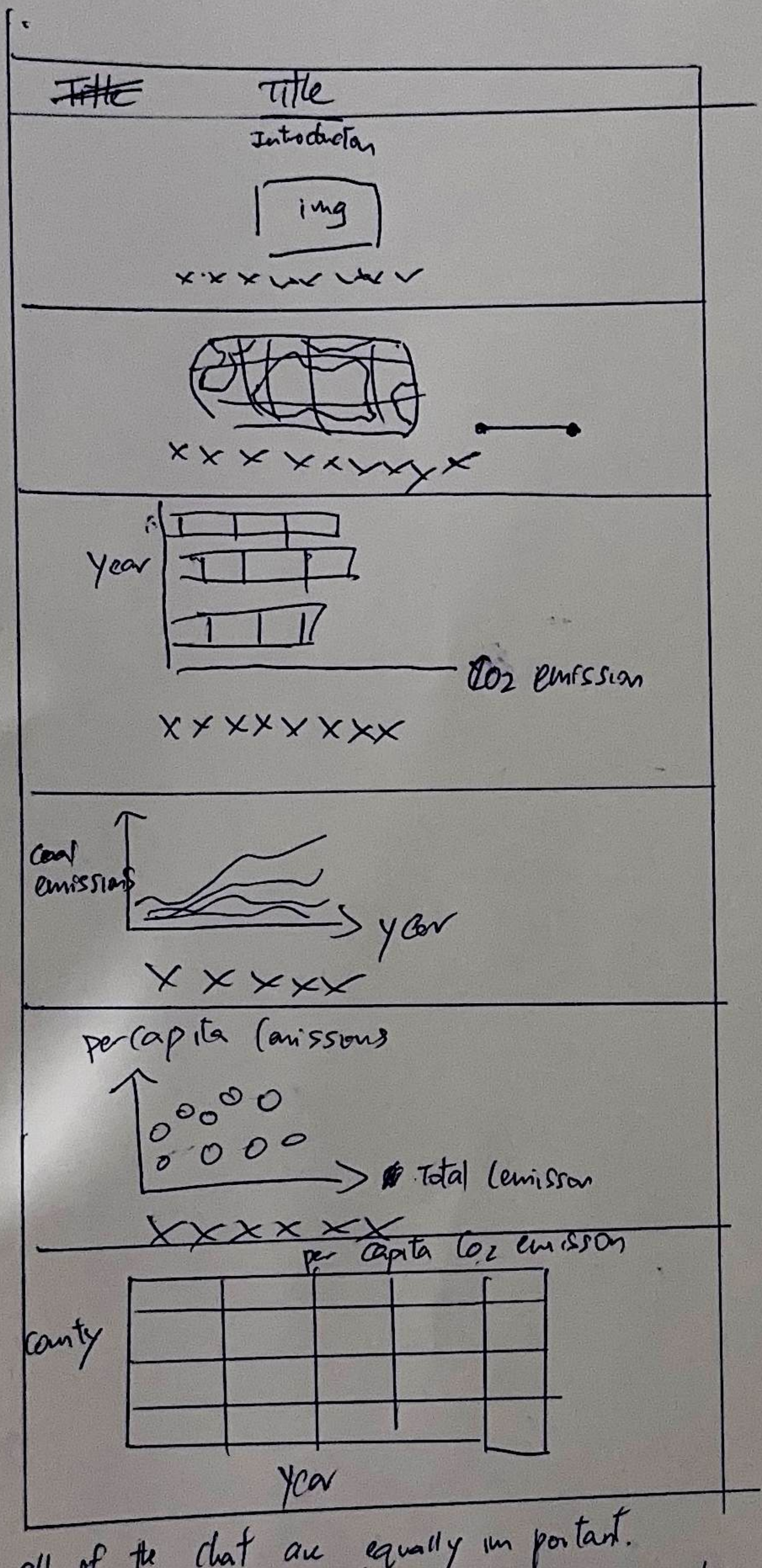
LAYOUT

Title : Assignment 2

Auth : wai Tan

Date : 4/10/2024

Sheet 5



operators

- map will have slide to change year

- stacked bar chart will have drop down menu to select what sources

- line chart can select - to see which country

- scatter plot can zoom in to see the difference between each county

Detail

- using csv to clean data

- ~~Select~~ must

- use D3 library and vegalite examples

Focus all of the chart are equally important.

First chart show the whole world total emission in year by using map. Second chart show the co emission produce by the source. Third chart is talking about coal emissions for the top county. Fourth chart comparing per capita emission and total emission