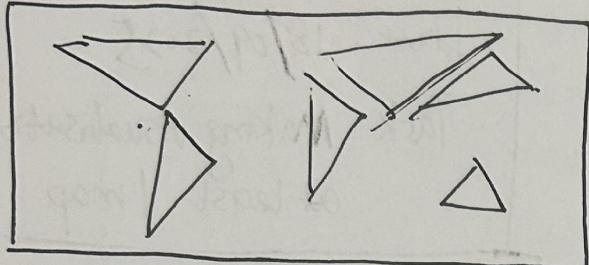


Sheet 1

Name: Yiming Wei
 Student No.: 34034080
 Date = 18/09/2025

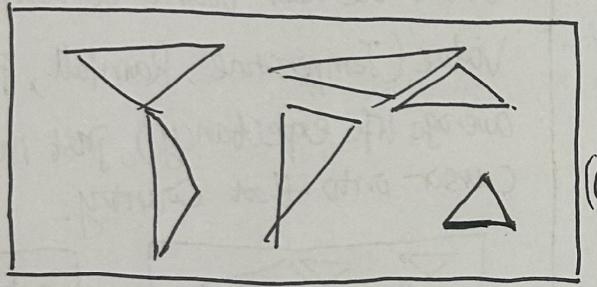
[Ideas]

- Average Temperature of each country in the world in 2024.



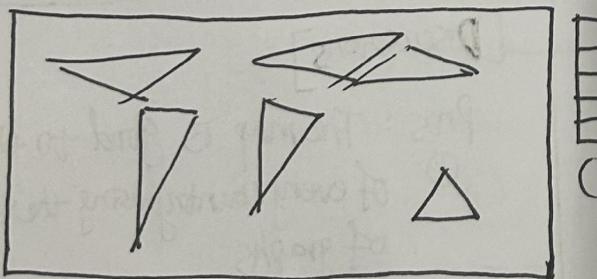
(Colour scheme)

- Average Rainfall of each country in 2024.



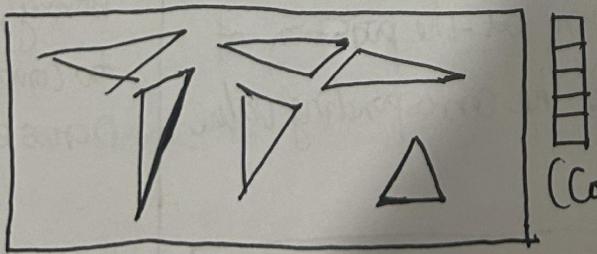
(Colour scheme)

- The population of each country



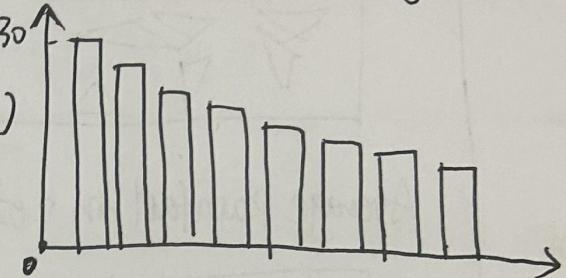
(Colour scheme)

- The average life expectancy of each country



(Colour scheme)

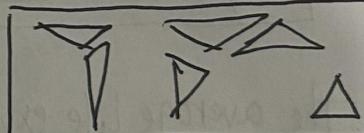
Temperature Ranking



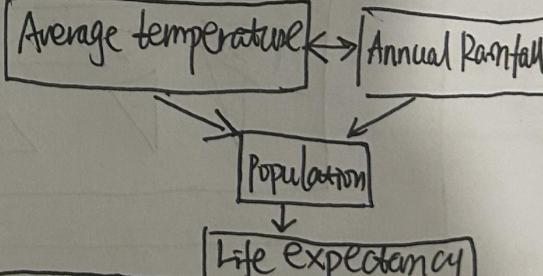
Showing top 8 countries with highest average temperature.

[Filter]

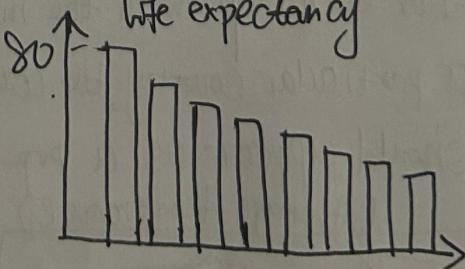
Temperature & Rainfall



[Categorize]



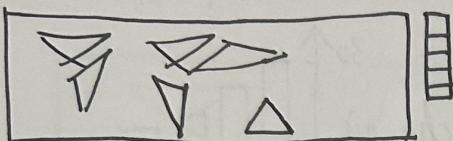
Top 8 countries with highest life expectancy



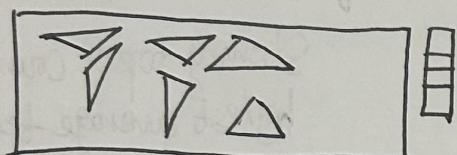
[Layout]

Dashboard view with all maps

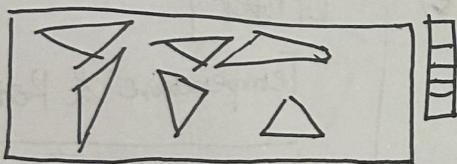
Average temperature in 2024



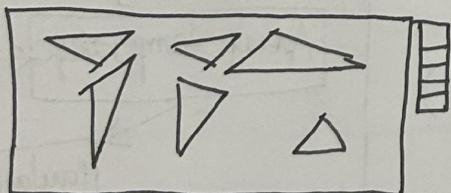
Average Rainfall in 2024



The population of each country in 2024



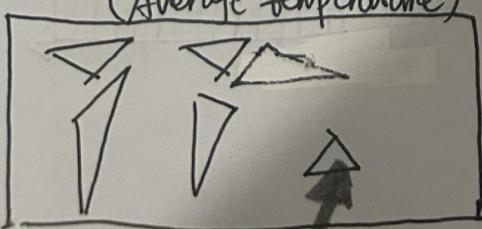
The average Life expectancy of each country in 2024



[Focus]

For each map, when the mouse is staying at the position of a particular country, the country name & the corresponding value should appear as a pop-up window.

(Average temperature)



Title: Global visualisation Dashboard

Name: Yiming Wei

Student ID: 34034080

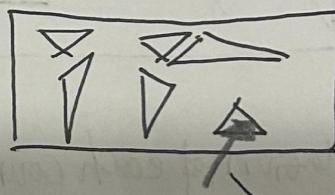
Sheet: 2

Date: 18/09/2025

Task: Making visualisation with at least 1 map

[Operations]

When the user want to know the exact value (Temperature, Rainfall, population & average life expectancy), just move the cursor onto that Country.



Country: Australia
Avg.Tem: 8.0°C

[Discussions]

Pros: The map is good to the information of every country using the small amount of graphs.

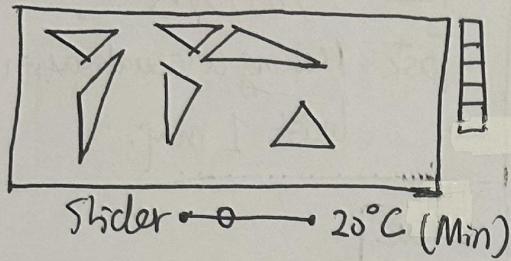
Cons: The number of columns is just 1, which would make the whole visualization boring, and hard to compare the value across each map.

Country = Australia
Avg. Temperature: 8.0°C

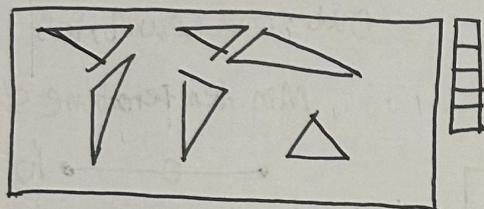
[Layout]

Dashboard view with maps & bar chart

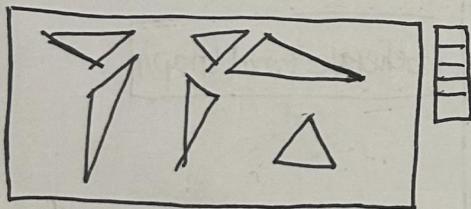
Average temperature in 2024



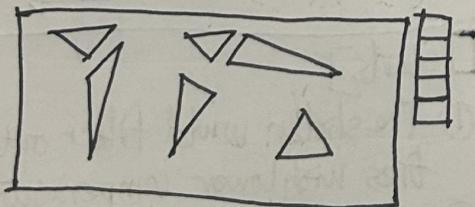
Average Rainfall in 2024



The population of each country in 2024



The average life expectancy of each country in 2024



Title: Global visualisation Dashboard

Name = Yining Wei

Student ID : 34034080

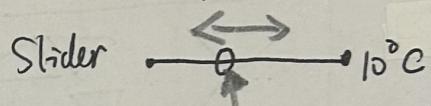
Sheet = 3/4

Date : 18/09/2025

Task: Making visualisation with at least 1 map.

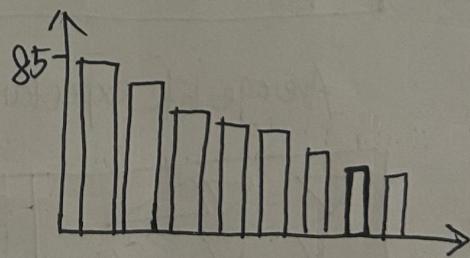
[Operations]

For the first map, users can scroll the slider to adjust the min. Average Temperature, and those countries with the temperature lower than that value would disappear on the map.



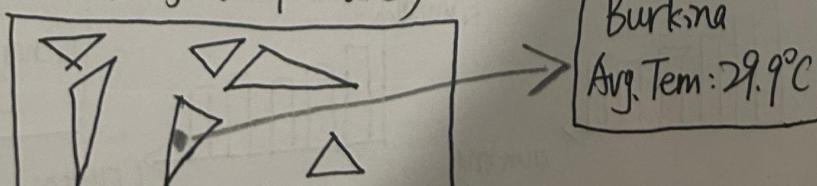
Now, those countries with the average temperature lower than 10°C would disappear on the map.

Top 8 Countries with the highest life expectancy



[Focus]

For each map, the country with the highest value would be highlighted on the map with the country name with its corresponding value.
(Average temperature)



Pros = The idiom isn't unique

⊕ anymore since there's a bar chart added. In addition, the "slider" in Map 1 adds an interactive feature.

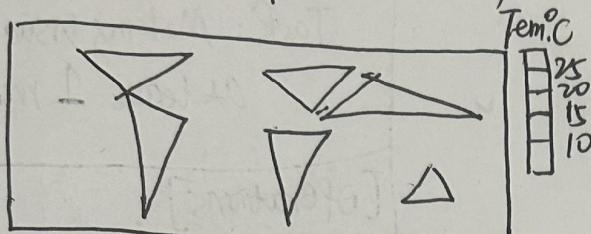
Cons = Sometimes it's still hard to ⊕ directly compare the relationship between weather & life expectancy.

[Layout]

Dashboard Layout

Global Data Visualisation Dashboard

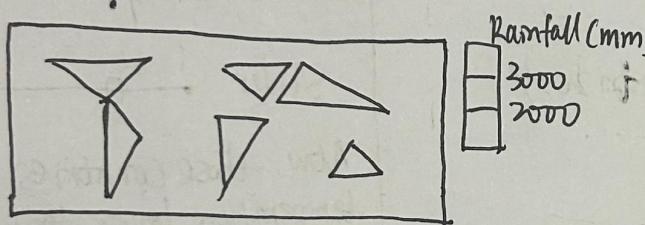
Average temperature in 2024



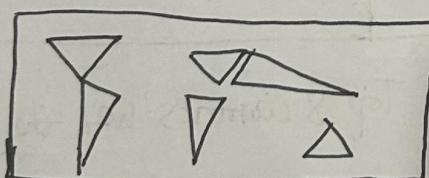
Min temperature slider:



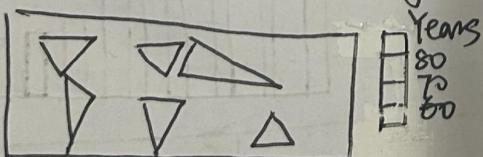
Average rainfall in 2024



Population of each country

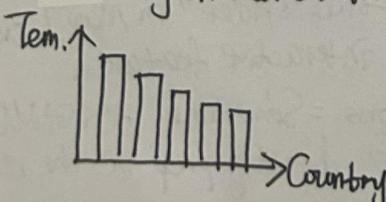


Average life expectancy (2024)

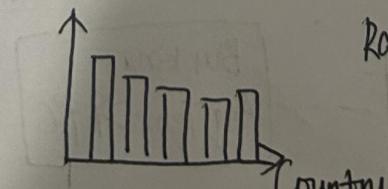


Compare the weather-data with Life expectancy

Temperature of 5 randomly choosed countries



Average Life expectancy



Title: Global visualisation Dashboard

Name: Yining Wei

Student ID: 34034080

Sheet: 5

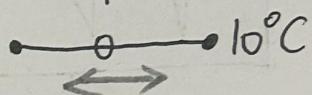
Date: 18/09/2025

Task: Making a visualisation with at least 1 map.

[Focus]

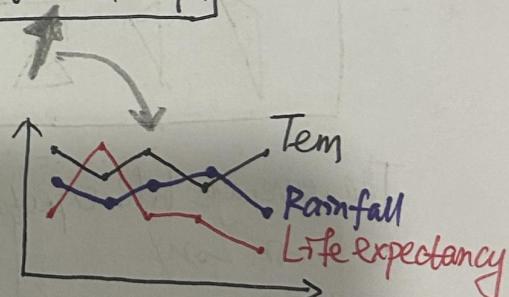
Map 1: User can scroll the slider to filter out some countries

Min. temperature slider:



Final comparison:

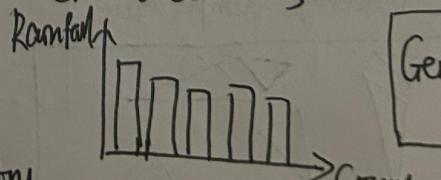
Generate Final Graph



[Details]

- ① The slider would filter out some countries with lower temperature.
- ② The Final comparison provides a direct view to compare and make conclusions on the relationships between weather & life expectancy

Rainfall of 5 randomly choosed Countries



Generate Final Graph