IDEA ①

① Geomap to Display Green area in Austlalia

Green Dot means Green Area in that State, more Green Dot or area represent more trees and green land.

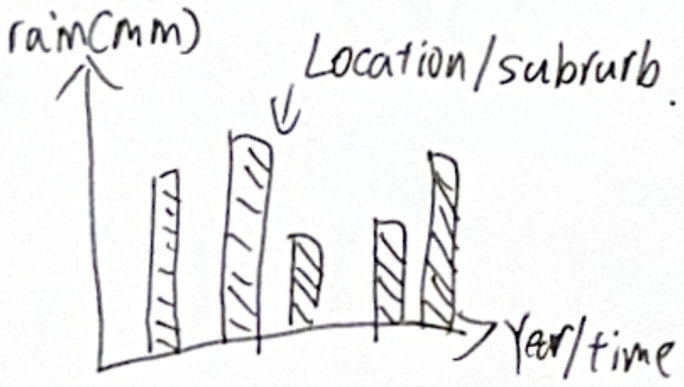
choose state : [ ] TAS

zoom : [ ] 8000

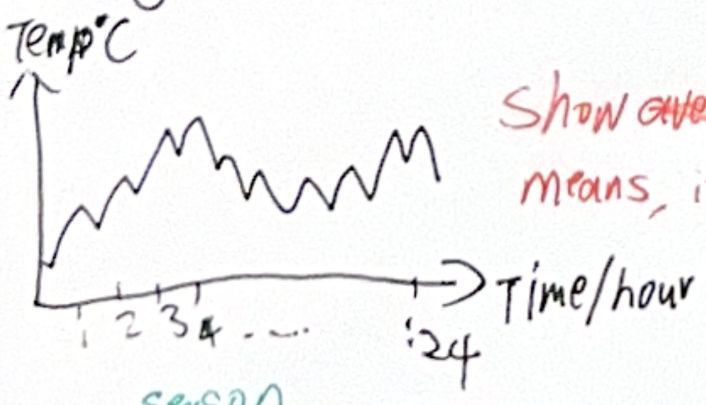
by choosing different state to zoom In.

zoom bar.

② Average ~~rain~~ rain in Australia



③ Daily Average temperature In Australia



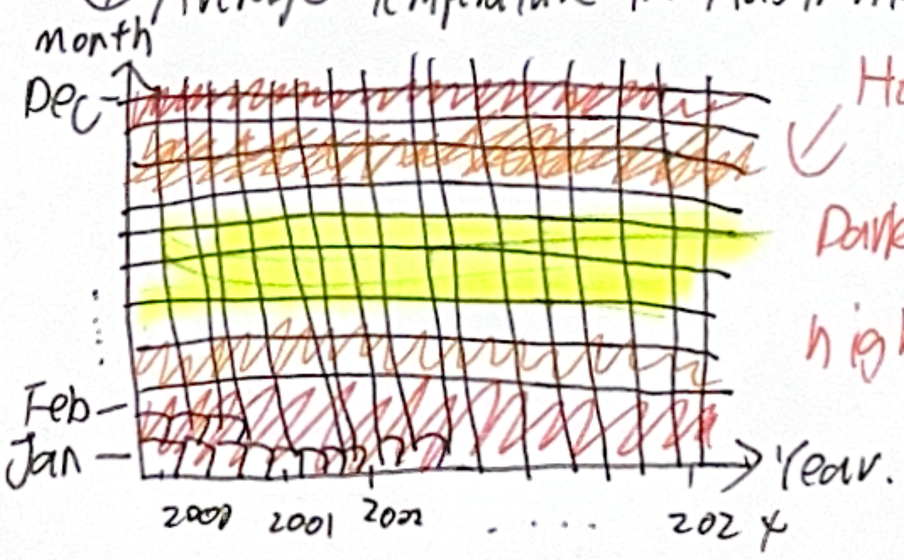
Show ~~avera~~ temperature in 24 hour, means, it's comfotable to live.

Choose : season [spring] ← Browser different temperature in different season.

Categorise: Australia Environment
- weather
  - In Aus ①
  - other country as compare
- Green area
  - In Aus
  - other country as compare

① Temperature; Air; Rainfail Daylight.

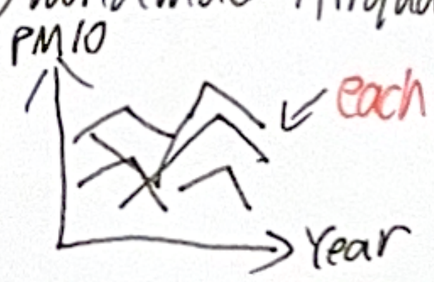
④ Average Temperature in Australia.



Heat map.

Darker Red means higher temperature

⑤ worldwide Airquality by PM10.0



each line represent a country.

Seallect Region : [Pacific] Region

~~sea~~ Select country : [Aus]

⑥ Rainfail in Australia:

each line represent a State compare rainfall in different state In Australia.

QuEstion:

① Do I have to reprsent Data sets for Australia only?

② As compave, do I need to choos other county as weel? If so, which county can I choose.

③. For the data collected. In each state, Do I average all the data or Just Pick one or two biggest city in each state to represent whole state?

Filter.

① For graph ①, by default will display geomap for whole Austlalia, so people can see over view. Once click on specific state, map will be zoom to ~~each~~ that State, to looke closer on green area, by drag zoom bar can zoom manually, the focus will be the center of ~~co~~chosen state.

Combine and refine

① map ① can combine with zoom version for each state.

barchart ② can combine with different state

③ and ④ can be together, As they are all temperature

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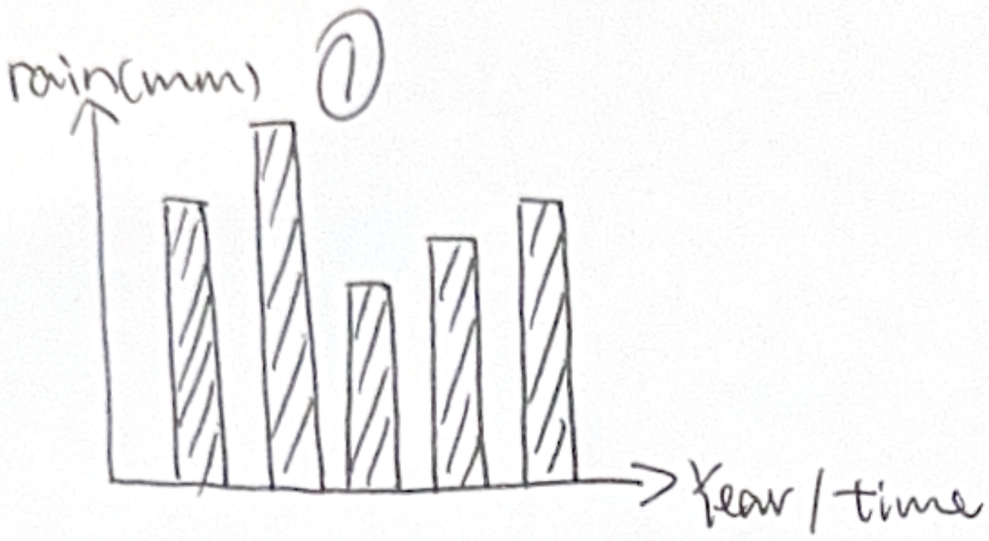
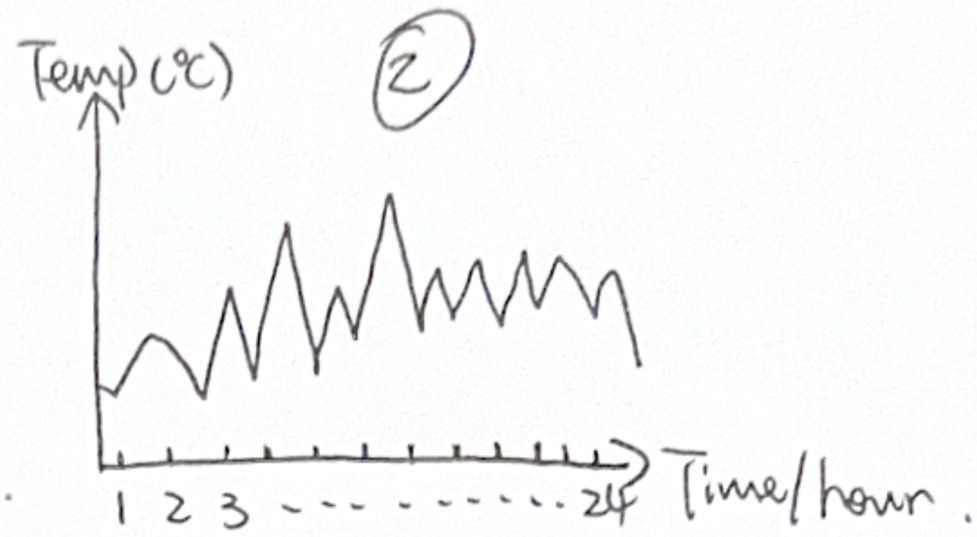
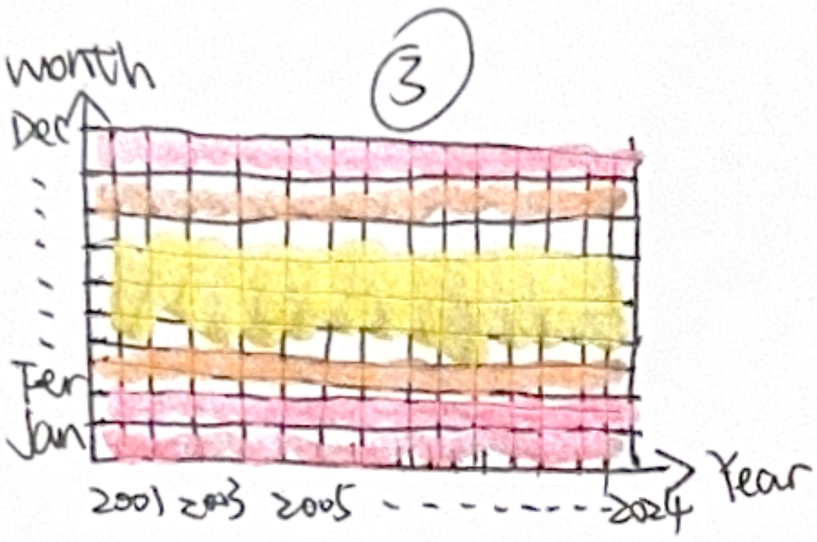
ID: 33054827
9/10/24

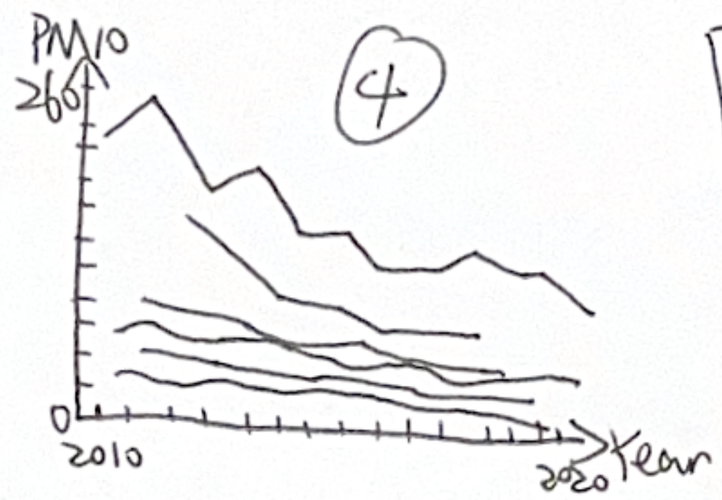
LAYOUT

②









Operation.

For ①: click the location legend to highlight specific location.

For ③: hover the mouse on the colour can see the specific Temperature data.

Discussion:

To display mean temperature in Australia do I use ~~All~~ All city's data to do calculation or Just pick main city from each state, such as Melbourne in victoria; sydney in NSW.

Focus:

→ Display Green Area in Different state

→ Not only Display Australia's Climate but also other county as compare.

→ Compare the relationship between rain and temperature. usually higher rain will cause lower temperature.

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LAYOUT

③

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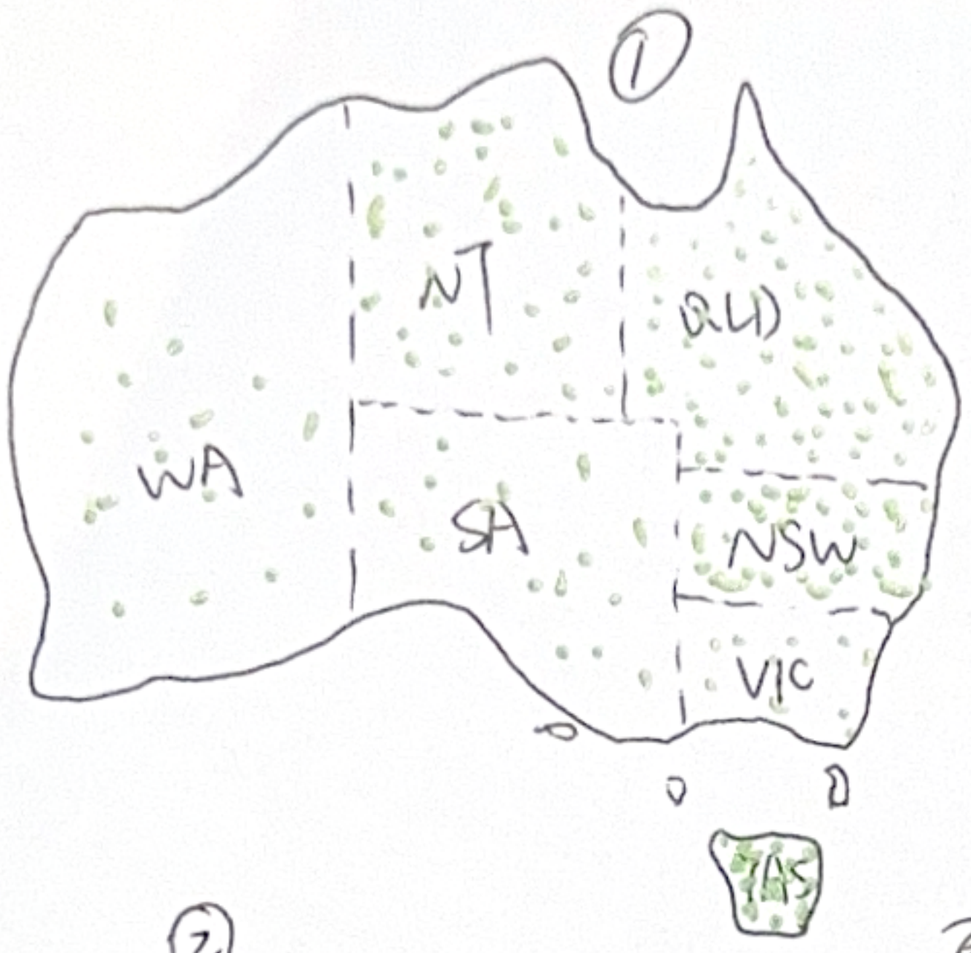

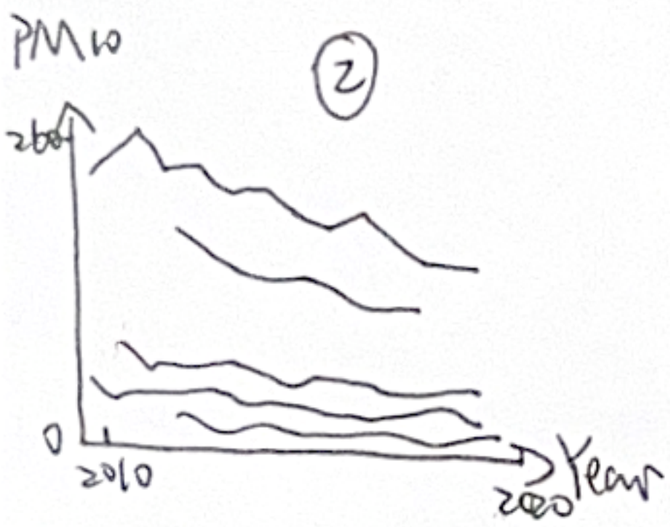

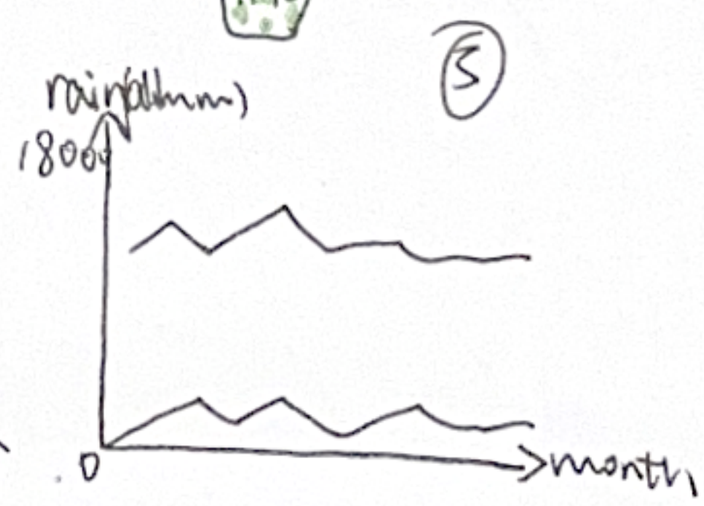

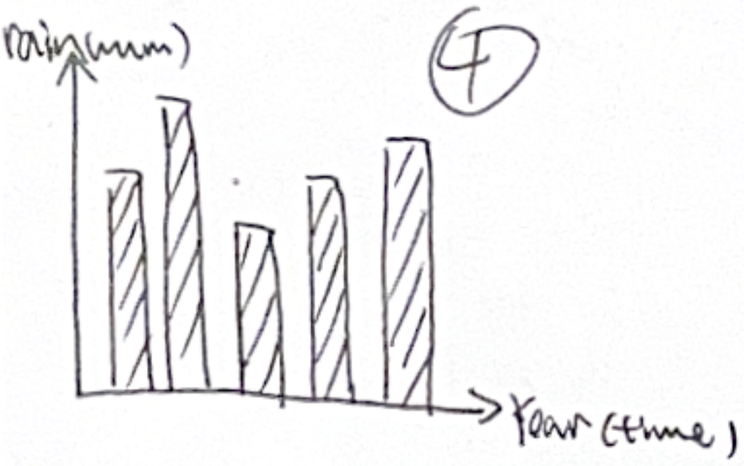

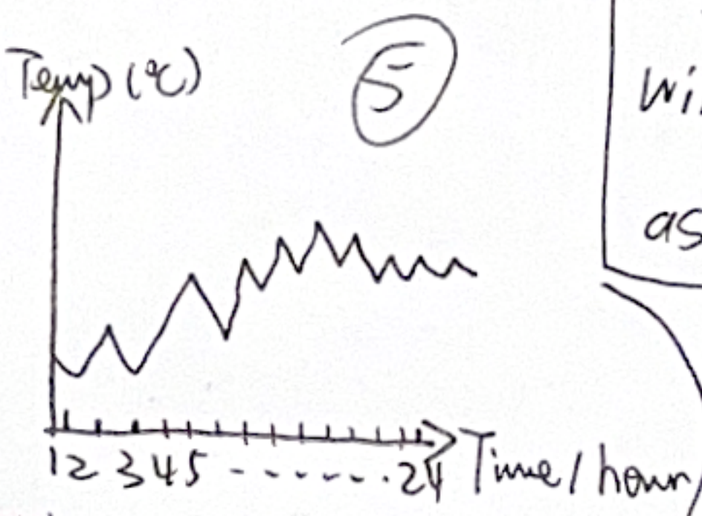

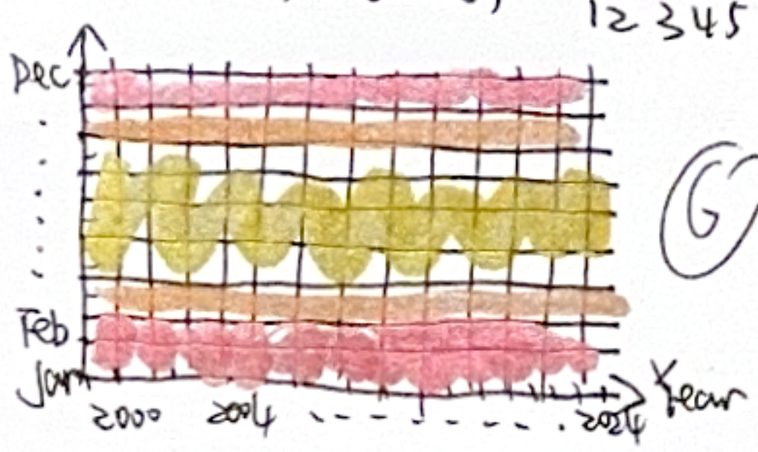

Focus:

=> The change for the green area, for graph ①. is the green area become bigger and bigger or smaller for each year.

Operation:

For the ② graph, each line represent specific ~~County~~ location, click the location or line, it will be high lighted for easier observation.

⑥: There's drop down list to choose state, by selecting different state, heat map will be change to the following state as well.

Discussion.

For the rainfall bar chart on ④ should I use Australian data or worldwide data as compare.

Same for the Temperature Line chart ⑤, If I put all countries data, which filter should I choose.

LAYOUT

④

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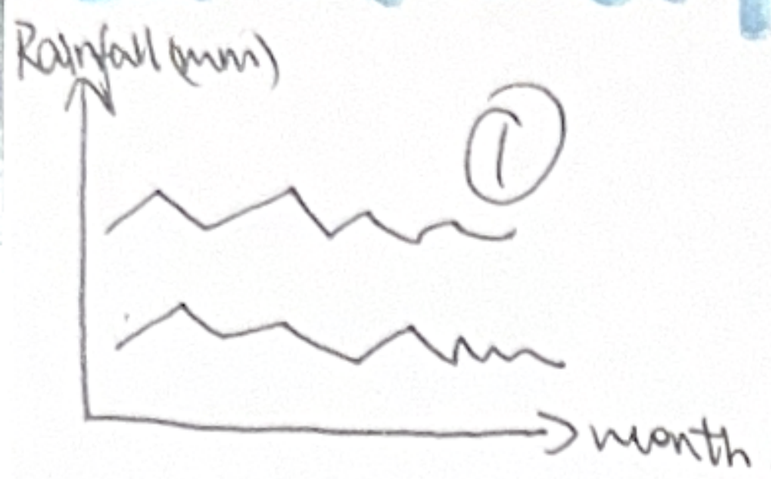

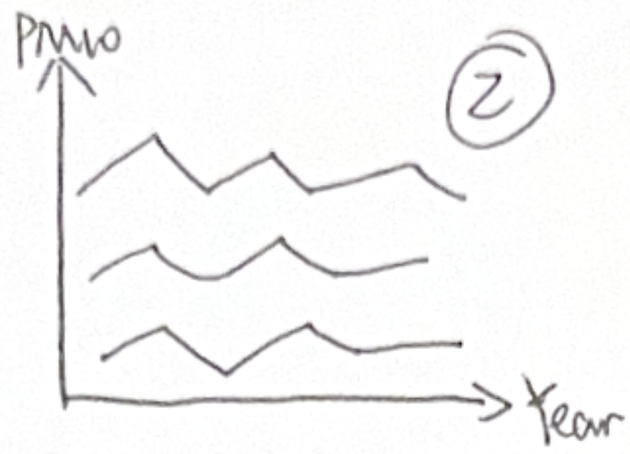

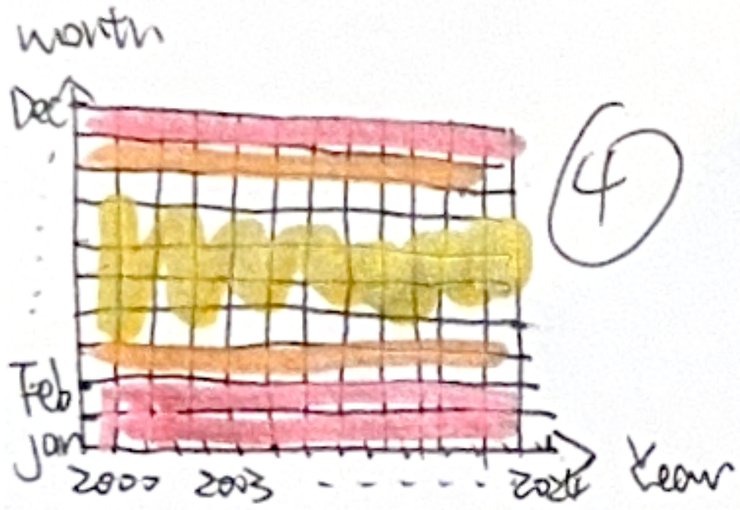

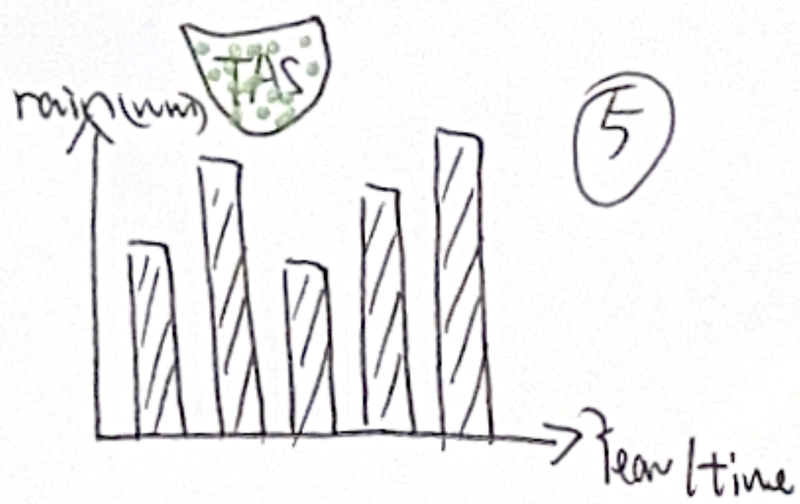

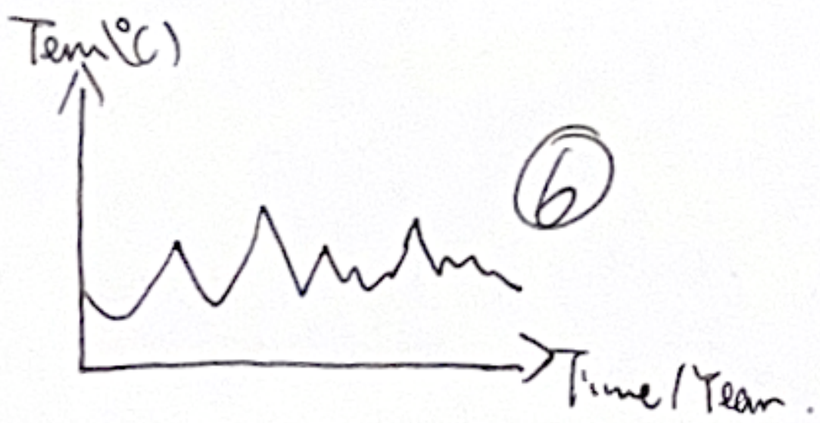

Operation:

Setup a timeline of graph ③. timeline ~~starg~~ starts on 2000 to 2024, by drag the timeline user will be able to see the change of green area in Australia

Focus:

=> The Important of Climate comfortable In Australia, displayed in graph ① and ②.

=> The relationship between Average temperature and Average rainfall.

Discussion:

For the graph ⑥ should I use line chart to represent average temperature of using another geomap to display it.

by using geomap, it's easy to see which place has higher or lower temp. but for line chart, it's easy to see the Climate change.

LAYOUT

⑤

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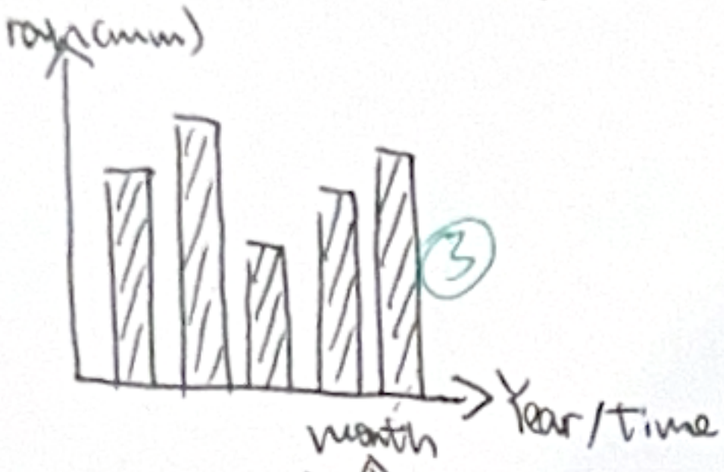

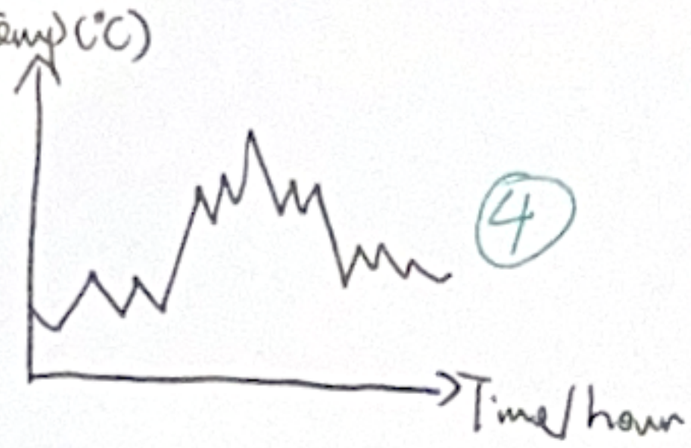

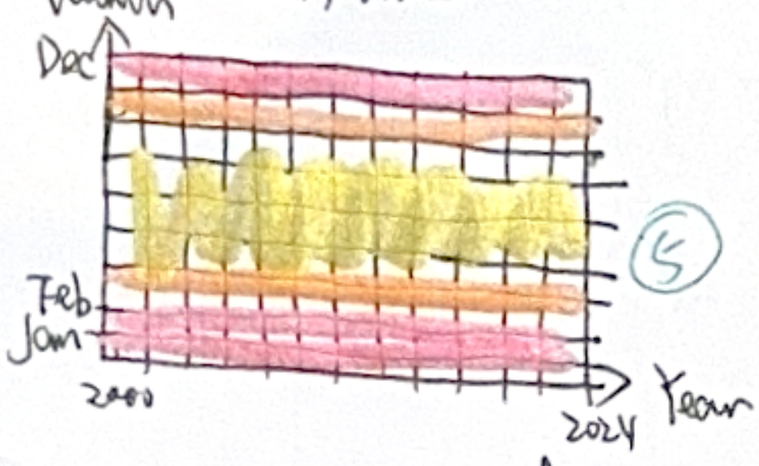

Operation

For graph ③ and ④, by click on legend, choosen location will be high lighted, same for the line chart and bar chart, click on the graph will highlight location name.

Discussion.

Other than green assets and climate, maybe I can add more in, such as crim rate lower in Australia other than other country. or.

Frequency of public transport?

Focus

→: Do a compare between Australia and other County to ~~de~~ show Australia is better for living or holiday.

→ To show the future of Australia will become better and better.