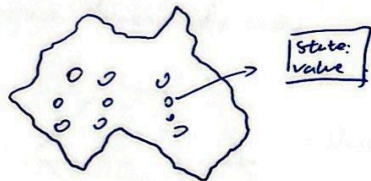


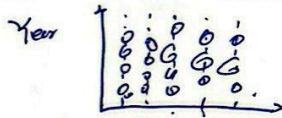
Layout:

Title: Visualizing Australia's Environmental impact and
Energy use.

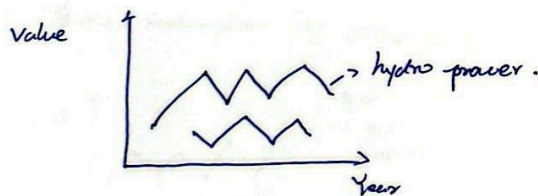
→ CO₂ Equivalent Emissions by state in Australia.



→ Australian Renewable Energy Consumption by Fuel Type and
Industry.



→ Renewable Energy Consumption by time.



Focus:

change the structure for the bubble chart to
avoid mess when deal with number of the
energy.

Title:
Australia Environment Impact

Author: XIN SHI

Date: 05/10/2024

Sheet: 24

Task: Data visualization 2.

operation:

Year - Year [2000 V]

Year Filter. select the year

Value Filter 

select certain range of the
value.

Discussion.

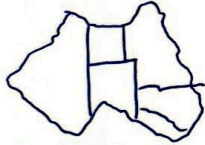
need to have the filter
feature to have better
interaction for the diagram.

Layout:

Title: Visualizing Australia's Environment impact and Energy use.

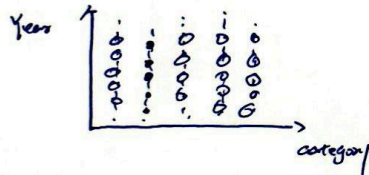
-> CO₂ Equivalent Emission by state in Australia

Sum of value

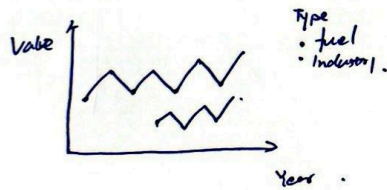


• Basic choropleth.

-> Australia's Renewable Energy Consumption by Fuel Type and Industry.



-> Renewable Energy Consumption by type.



Title: Australia Environment Impact.

Author: xiv SHI

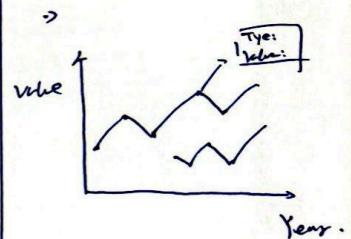
Date: 10/10/2024

Sheet: 5

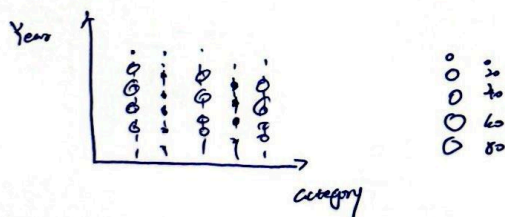
Task: Data visualization 2

operation:

-> Sum of value.



Focus:



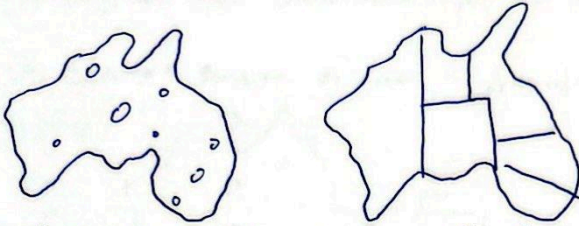
- focus on the different category for the renewable energy

Discussion:

Show more for the description to show the relationship for the three diagrams.

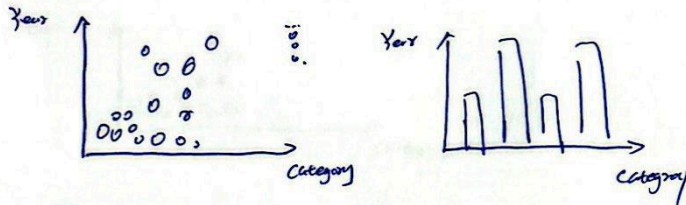
Data Visualisation: Five Design sheet.

→ Map for Australia Net emission CO_2 .

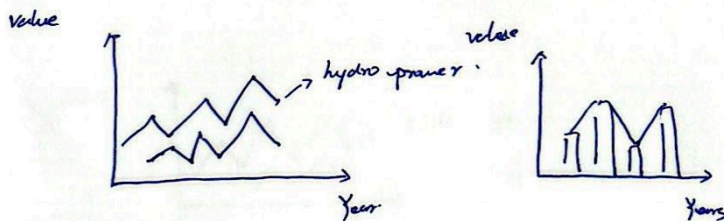


• Dot density to represent • Basic choropleth.

→ Bubble chart for Australian renewable energy consumption
Bar chart

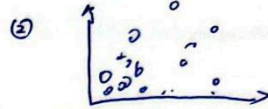
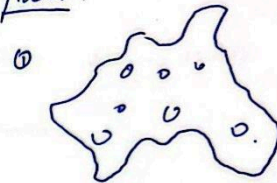


→ Line chart to represent the time series by energy

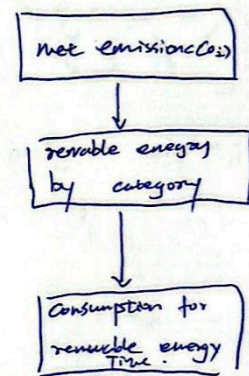


First page

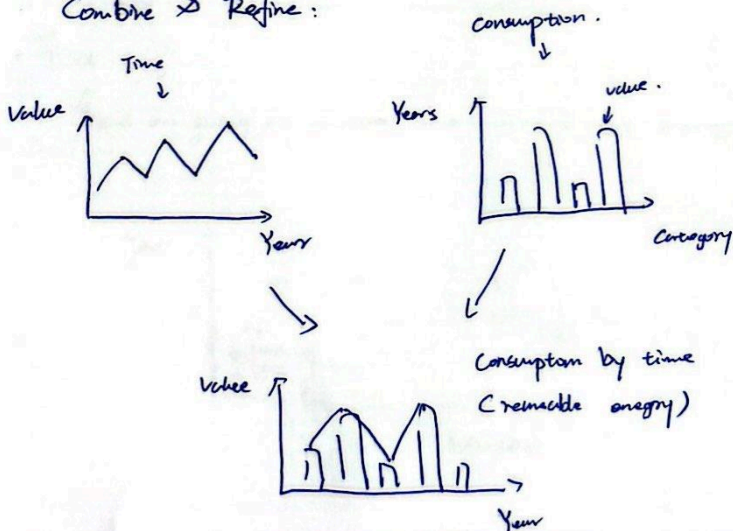
Filter.



Categorize:



Combine & Refine:



Question:

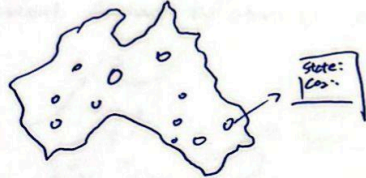
Is there some connection between the data?

Is the visualization can help people understand?

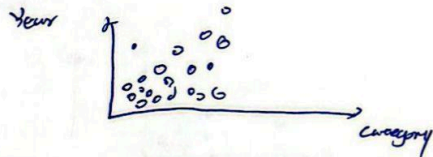
Big pictures / Layout

title:
Visualizing Australia's Environmental Impact and Energy use.

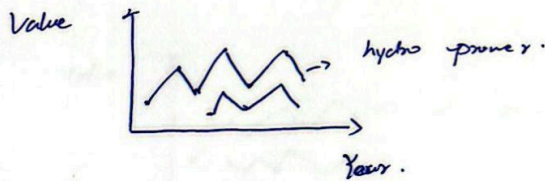
-> CO₂ Equivalent Emissions by state in Australia



-> Australian Renewable Energy Consumption by Fuel Type and Industry

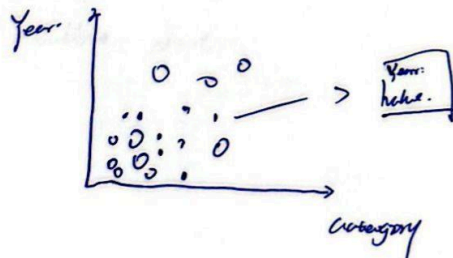


-> Renewable Energy Consumption by time.



Focus:

Focus on giving information about the different energy.



Title:

Australia's Environmental Impact

Author: XIN SHI

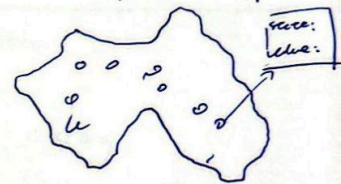
Date: 01/10/2024

Sheet: 2

Task: Data visualization 2.

Operation:

add tooltip for map



highlighted some type of the energy



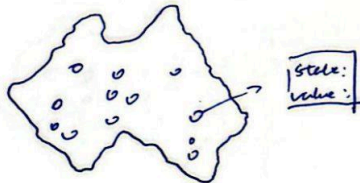
Discussion:

Need to add more information to this page relevant for the Net emission (CO₂).

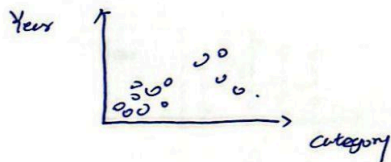
Layout :

Title : Visualizing Australia's Environment impact and Energy Use.

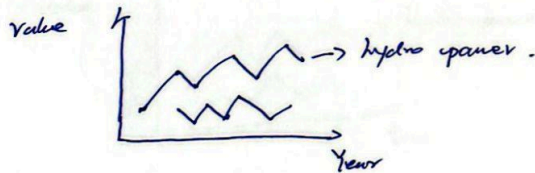
→ CO₂ Equivalent Emission by state in Australia



→ Australia Renewable Energy Consumption by Fuel Type and Industry.



→ Renewable Energy Consumption by time.



2
Facts :

Based on the map, provide the interaction between the Bubble chart.

Title : Australia Environment Impact

Author : XIV SHI

Date : 02/10/2024

Sheet : 3

Task : Data visualization 2

operation :

→ Category

..... → energy name
.....
.....

→

○ → value.
○
○
○

Discussion :

→ mess when many types of the energy type showing on the Bubble chart.

→ need the lat and long value for the map.