

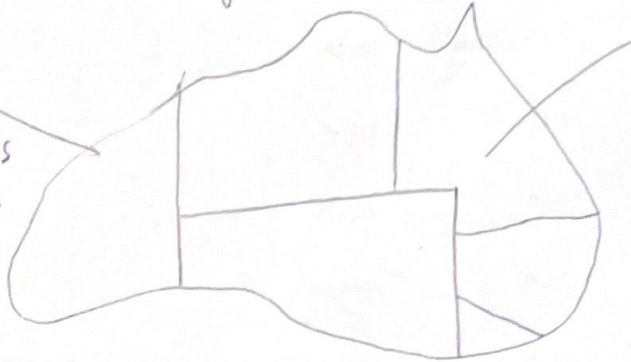
Ideas

Page 1

Topic: Australian Energy Use

① Map - Energy used by state

Chloro of map
where darker
color means
more resources
used
and vice versa



Australia Map
divided by states

② Bar chart (Stack ?) - Energy index
- Divided by states

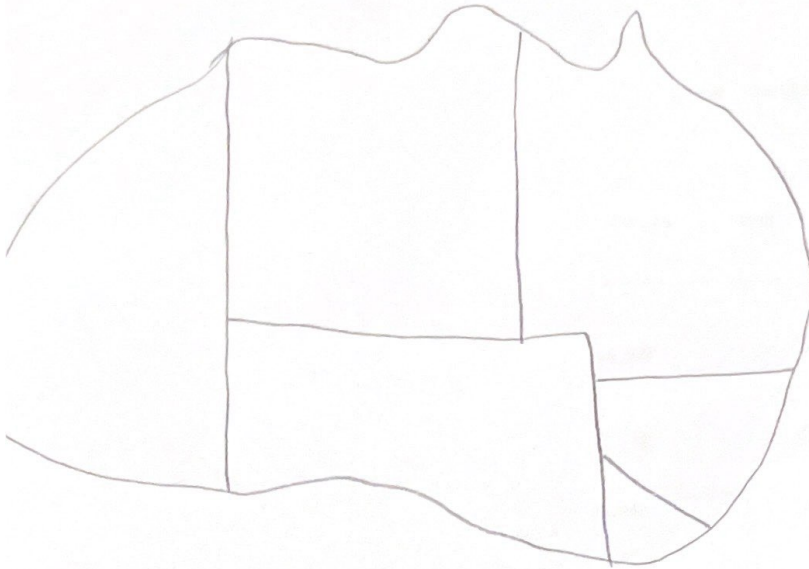
③ Energy export (timeline)
- Can use different resources (coal, LNG, Oil, etc)

④ Imported ~~energy~~ ^{resources} (timeline)
- What resources that Australia import ?
- Coal ? Oil ?

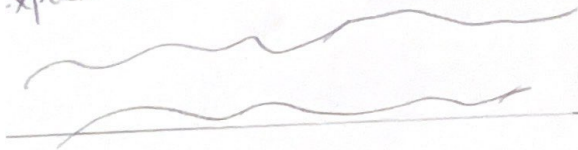
Data ? where to find ? - Sources - ABS, Energy Australia, etc
Interactive ? Timeline ~~has~~ menu, save / edit feature,
hover effect

layout - Map

Title



Explanation :



scus:

~~The IS &~~

Is required by the brief of the assignment
provide a summary of data that is
ordered by States
Provide clarity to each category of
data using ~~color~~ color distribution

Title : ~~Sketch~~ Map

Author : Prunoy
Nguyen

Date : 20/9/24

Sheet : 2/5

Operations :

- Hover feature to open toolkit and see details of each state with its corresponding data
- Save / edit feature to download / edit chart in Vega Lite Editor

Discussion :

- + Easy to interpret
- + Easy to show data and does not cause confusion

layout

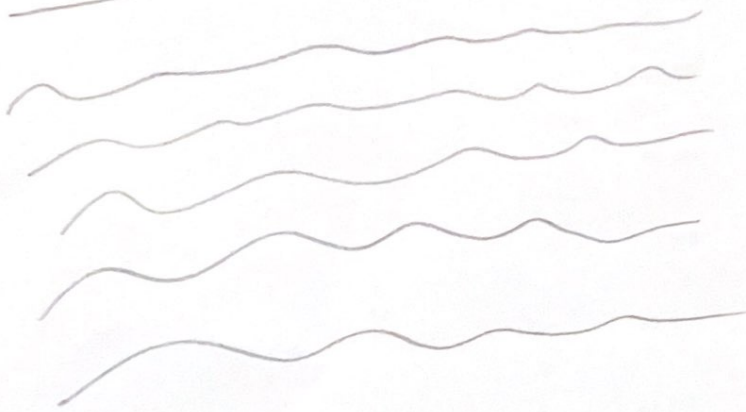
Title



Category

- A
- B
- C

Explanation:



Focus:

- Stacked bar chart
 - Divided in different color for different category
- ~~Timeline~~
- User can choose timeline to view data

Title: Stacked bar chart

Author: Truong Nguyen

Date: 20/9/24

Sheet: 3/5

Operation:

- Hover over to open tooltip
- Save / Edit chart
- Pop down menu for timeline

Discussion:

- + Easy to interpret
- + ~~filter out~~
- + Separate each category easier

layout

Title



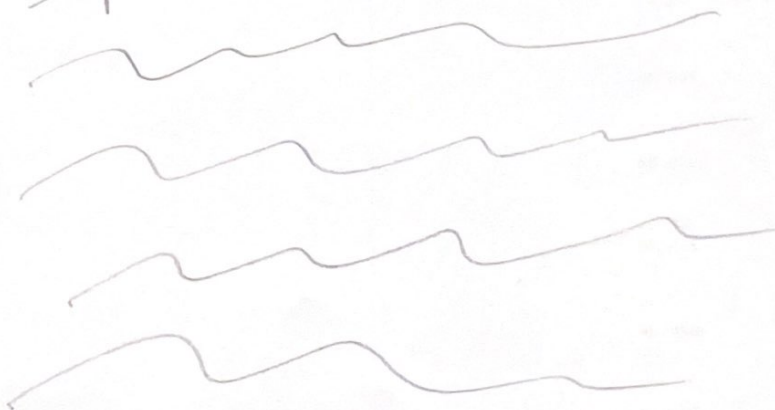
Category

- A

- B

- C

Explanation



Title : Paint chart
Author : Trung Nguyen
Date : 25/9/24
Sheet : 4/5

Operation

- Hover over to open tooltip for detail information
- Drop down bar to choose timeline
- Save / Edit chart in Vega Editor

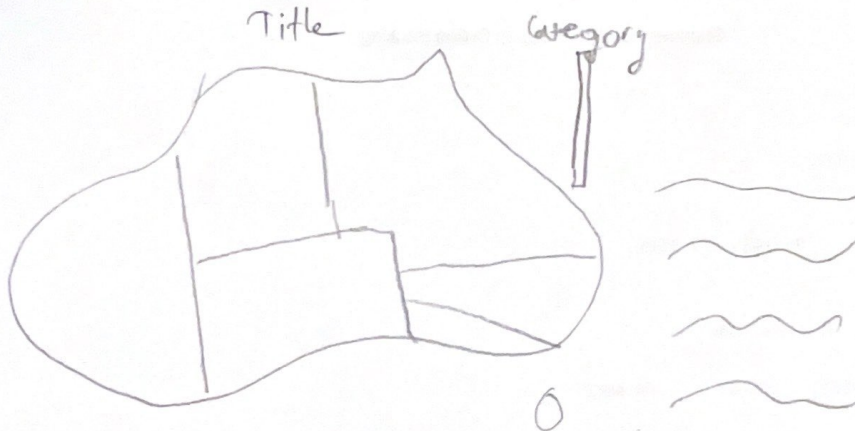
Focus:

- Each section is ~~color~~ represented by different colour
- Time can be chosen to reduce complexity

Discussion:

- + Easy to interpret
- + Reduce complexity with drop down menu

V1



Title: Energy Use in Australia

Author: Truong Nguyen

Date: 26/9/24

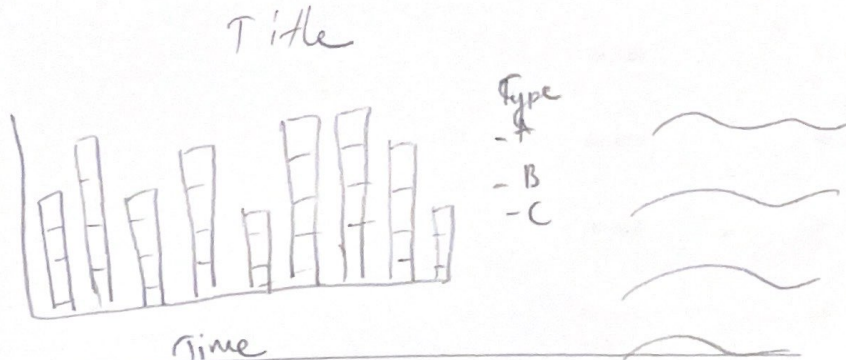
Sheet: 5/5

- ~~the~~ Focus on Energy (can use different resources like coal, oil)

- Use Vega lite to come up with all the visualisation and features

- Estimated 5 days to finish (1.5 day for each visual then index file)

V2



V3

