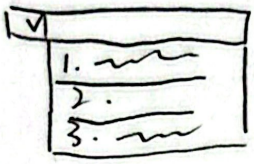
Ideas

Sheet 1 Name Zongtai cheng Date 21/10

① combine several type of idoms in the visualisation

② a map of Australia state and use heat map to show data

③ add some interact tools like drop-down list let user select the data they interest



④ collect data from different source and combine some similar ones.

⑤ use some static value, learnt in other unit find some interesting conclusion

⑥ tooptips

⑦ use annotation to highlight something import.

Filter

⑤⑥⑦ are all the way to engage the audience, may choose one of the way.

Categorise

Astor may data, it's will be some similar graph by present in different way. like a dataset present by bar chart also pie chart. combine these two, may use drop down list or other tools.

Combine & Refine

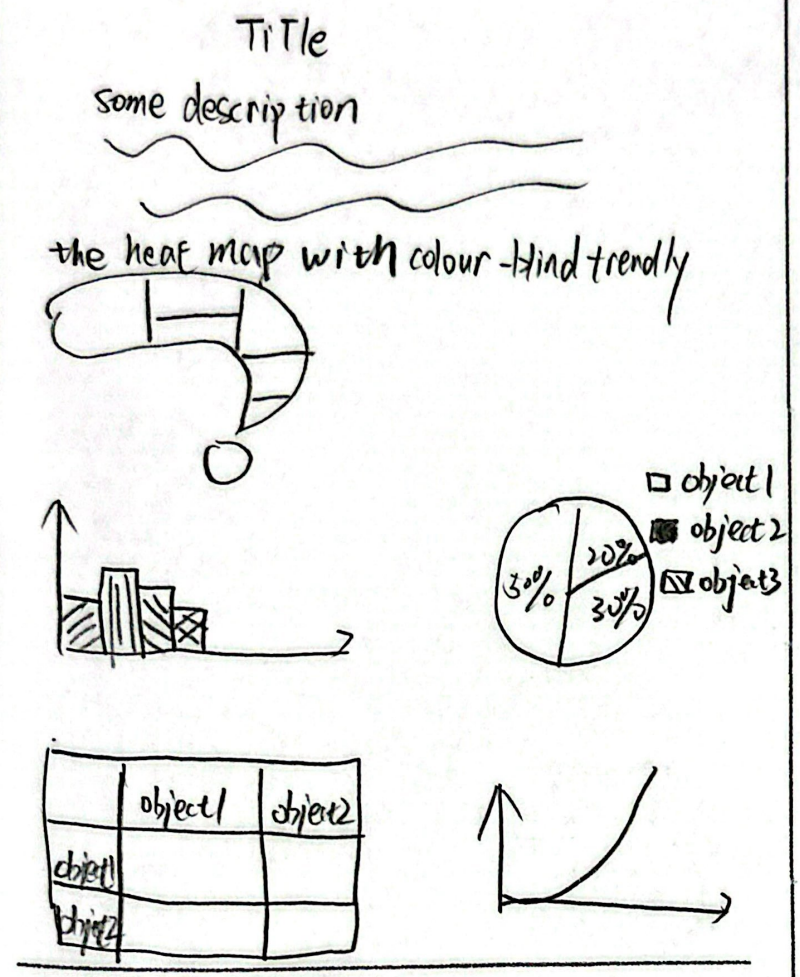
combine some value may put in one chart instead of put the value for every chart. Combine the same type of chart. use legend to seperate different things.

Summarise and question

① can the audience read out the core colusion quickly

② accessibility (colour-blind friendly)

Big Picture / Layout



Parti / Focus

as for every graph use some static value to find some interesting conclusion then put some de scription below every graph/table.

Sheet 2,3,4
Name Zong tai Cheng
Date 21/10
Title Sheet2
Description

Components / Operations

① use tooltips to show the details.

② give the confidence vale to every estimate data.

Pro & Cons

Pro: use static method give more accuracy to the visulization.

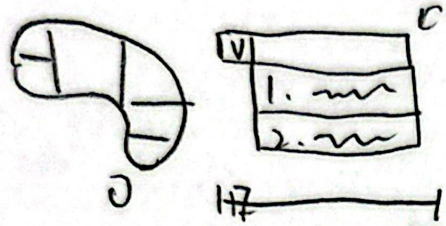
Con: lack of conclusion. put more description.

Big Picture / Layout

Australia - Natural resource

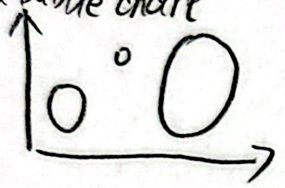
some description

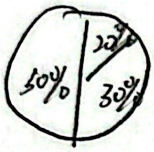
a drop-down list

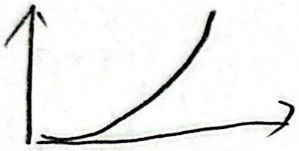


a filter to change the timeline.

a bubble chart







Parti / Focus

① have a drop-down list, let user choose different attribute for the heatmap

② hava a filter to change the timeline.

③ have annotation points for some data heavy increase or drop

Sheet 2,3,4

Name Zongtai Cheng

Date 31/10

Title sheet3

Description

Components / Operations

add some picture in the front engage the audience

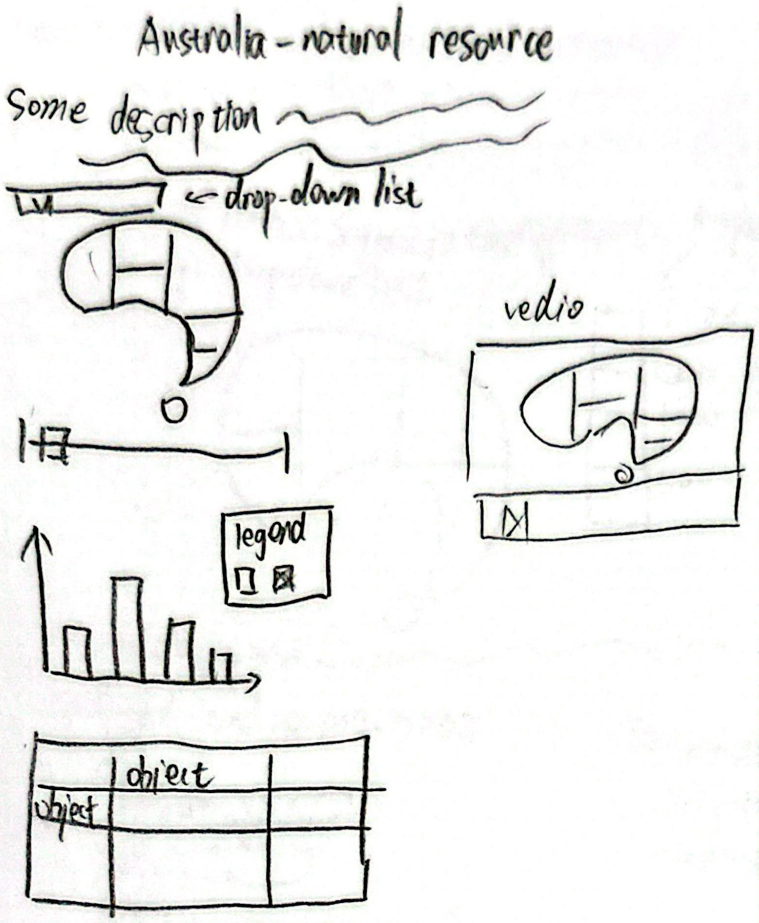
tool tips for the graph let user look up every point

Pro & Cons

Pro: picture can engage people more than only graph

Con: use too many tooltips may lead of chartjunk.

Big Picture / Layout



Parti / Focus

① have a table to show some static value

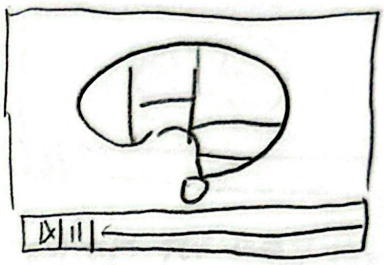
② have a drop down list let user choose different attribute.

③ have annotation points for some data hevy increase

Sheet 2,3,4
Name Zongtai Cheng
Date 21/10
Title Sheet4
Description

Components / Operations

add a vedio



Show people the australia noturol resource

tool tips for every graph let

Pro & Cons

Pro: have vedio to engage audience more than graph.

Con: use too may tool s tip may lead to chark junk.

Big Picture / Layout

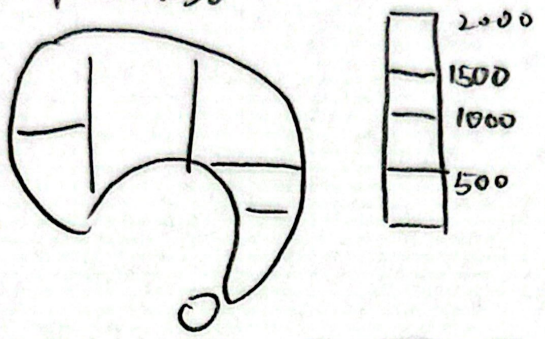
Australia - natural resource

some description

colour different in lenged

Saltmarch carbon Sequestration by state

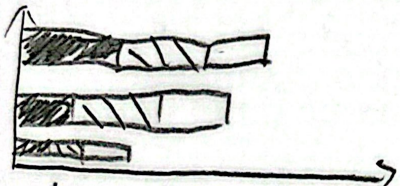
drop down list



some description

National land use area by class

Year 2010-11
2015-16
2020-21

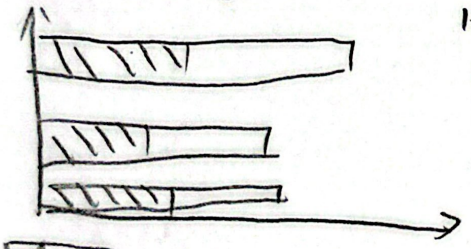


some description

Parti / Focus

world ranking Australia mineral resourse

lenged



description

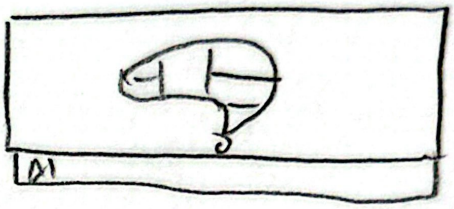
Parti / Focus

have two drop down list let user explore more

Sheet 5
Name zong taicheng
Date 21/10
Title sheet 5
Description

Components / Operations

add vedio



tool tips for every graph.

Details

Con: ① use two barchart

② lack of annocation

Pro: have dropdown list and lenged