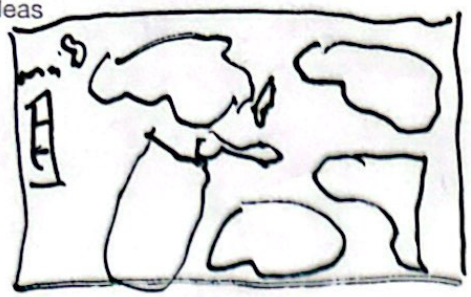
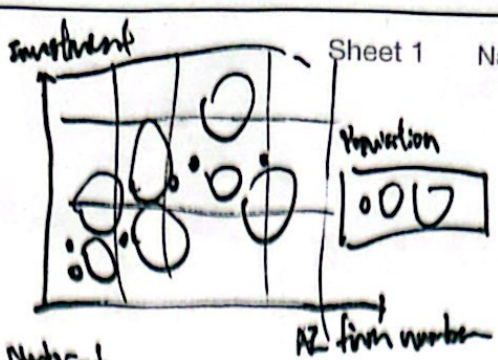
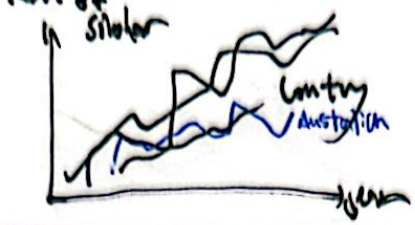
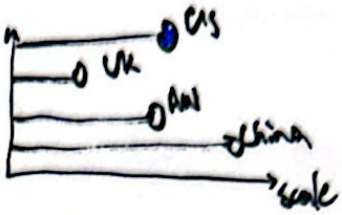
Ideas

Sheet 1 Name Tian Zhi Date









Filter

Differentiate Australia from rest of country with different colour.

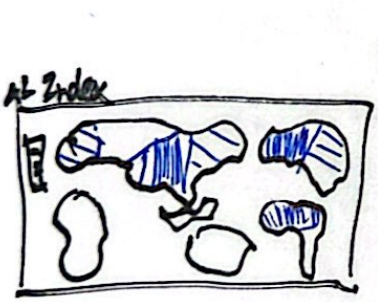
Different country obtains different pie,

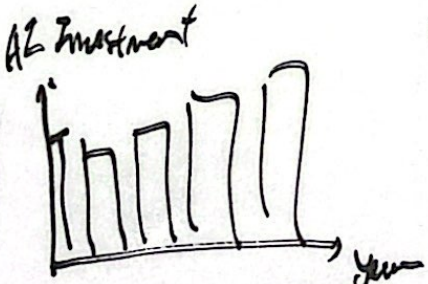
Categorise

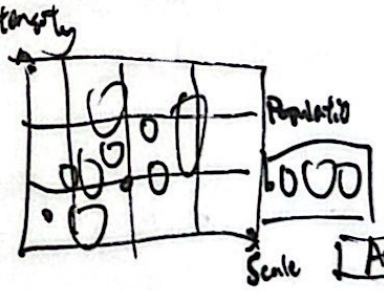
Trend - AZ growing sector → Display Global trend in map → Bubble plot to display GDP and AZ investment correlation

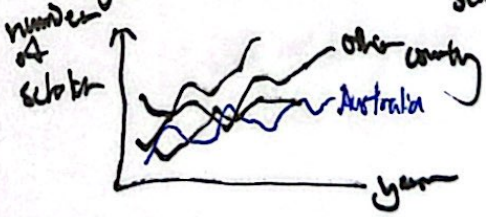
Compare Australia to other country

Combine & Refine









Summarise and question

1) Is the visualization complex enough

2) Is the purpose of this visual clear.

3 tips) How would I normalize the data.

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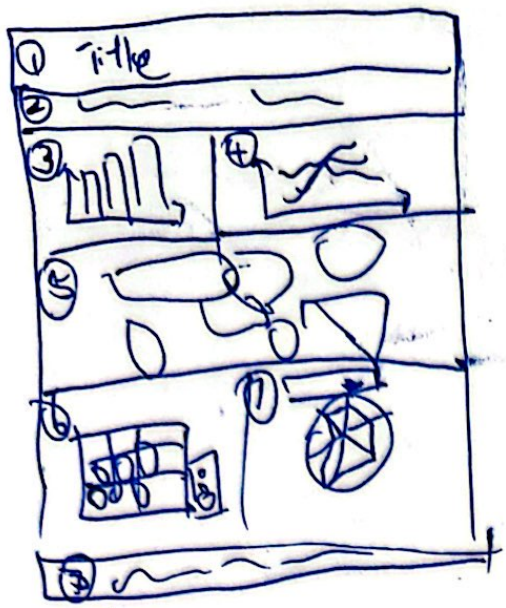
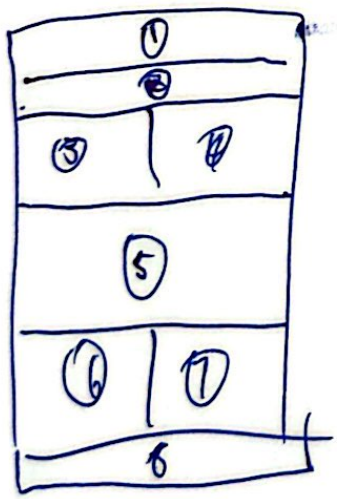
Big Picture / Layout



① The title
② The remark
③ Bar chart display the trend of AI
④ Line graph showing AI scholar comparing Australia to rest of the world
⑤ world Map of AI Index ⑥ Bubble plot of scale and intensity
⑦ Attribute plot to show value

Parti / Focus

In this visual, the ⑤ map will be the most important visual. so it'll take more space compare to other visual. We might also need an or bigger title to emphasize the topic.



Sheet 2,3,4
Name Tian Zhi
Date

Title AI

Description AI trend with Australia

Components / Operations

For ④ and ⑦
we can have drop down to display different country.

- We need implement this with vega-lite

Pro & Cons

Pros
- Symmetric design
- Easy to read with legend.

Cons
- To less detail
- Data not being obvious enough to distribute message.

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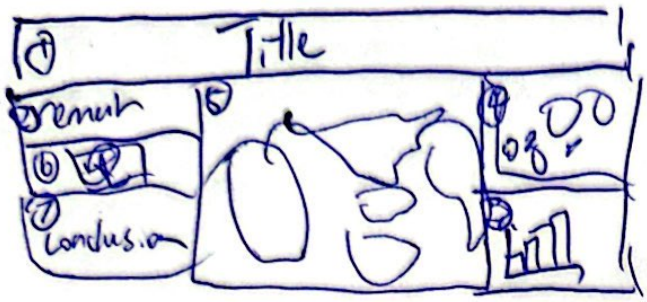
Big Picture / Layout



Sheet 2,3,4
Name Tian Zhi
Date

Title A2

Description A2 Australia

Components / Operations

For (4) we can apply filter for continent and population
(3) and (6) we can have selection for countries.

Parti / Focus

Map and title get centralized and the rest of diagram equally share the rest of the space.

Pro & Cons

Pro
- Centralized important factor
- Symmetric layout

Cons
- Not a clear visual path present

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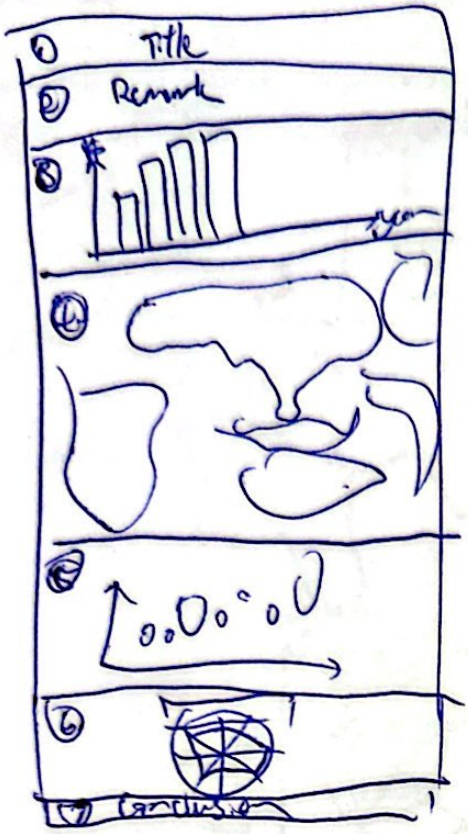
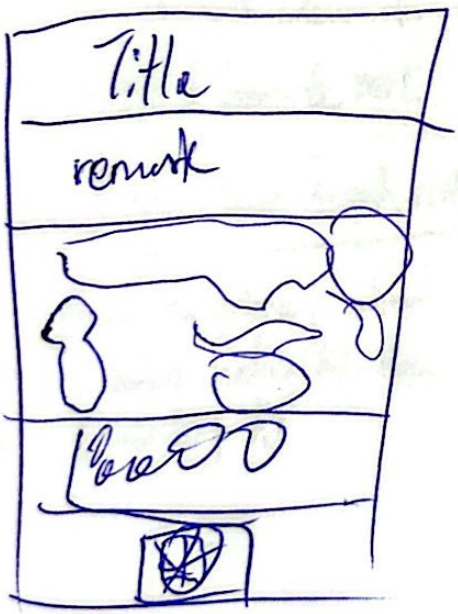
Big Picture / Layout



Parti / Focus

More focus should be given to title and world map, hence we can allocate more space for it



Sheet 2,3,4
Name ~~Tan Zhi~~
Date

Title AZ trend of the world

Description
AZ trend had been expanding, we need to see it population was up to date

Components / Operations

For ④ we can have filter for continent, and population
For ⑤, ⑦ we can have dropdown to display different country

Pro & Cons

Pros
- straight forward visual post
- Balance layout and symmetric

Cons
- To long, require scrolling

~~Hard~~

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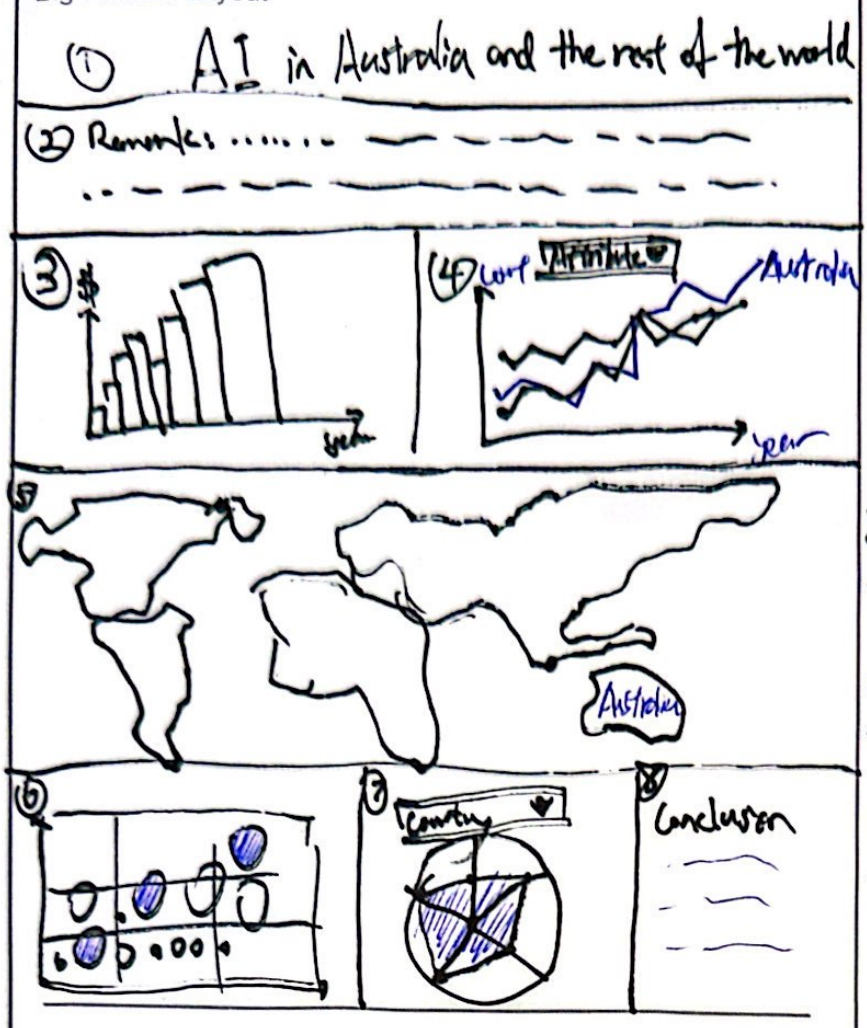
Big Picture / Layout



Parti / Focus

As section ④ and ⑤ swap, as ⑤ is more on global data, so we might display all the global data, then come to discuss Australian AI data at ④.

Also we can use different colour for the all Australian data to highlight it from the rest.

Furthure we standardize font through out the dashboard.

We can use green as primary colour for dashboard as Nvedia is global leading AI firm, and it's colour is really representing AI.

Sheet 5
Name Ran Zhi
Date
Title AI in the world and Australia
Description
As AI is growing really fastly we need to have data visual to check if Australia is in the right track.

Components / Operations

Switch place for ③ and ④ to create better visual path.

For ④, we can use drop down list to filter different attribute for the chart.

For ⑥, we can use continent filter and population filter.

For ⑦, we can have dropdown to display different country attribute, (Top countries only)

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