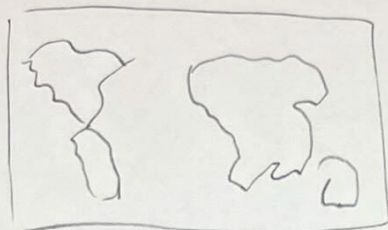①

IDEAS
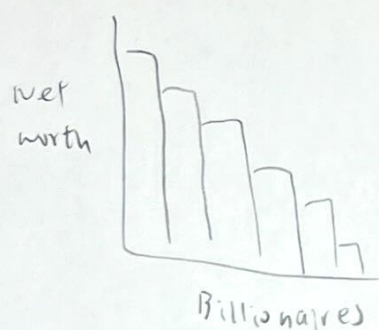
① Map for global distribution of billionaires

. choropleth map

darker shade
= higher total net worth

② Bar chart for individual net wort
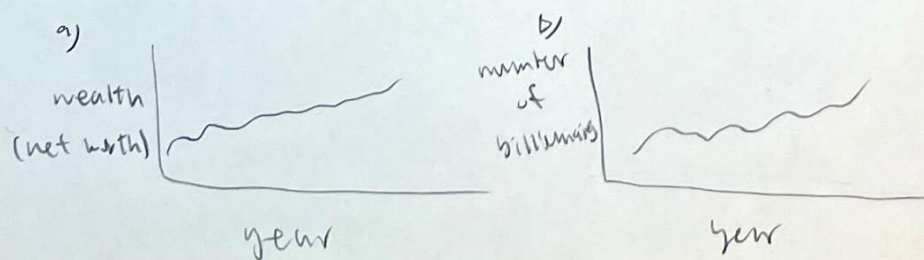

net
worth

Billionaires

. each bar = 1 billionair
. taller bar = wealthier

③ Bubble chart for wealth by industry

Tech   Fashion   Finance ○ ○ ○

. size of bubble = total wealth in industry

④ Line chart for billionaires evolution

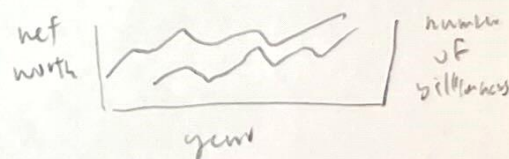a)
wealth
(net worth)

year

b)
number
of
billionaires

year

① choropleth map for wealth distribution

② Bar chart for individual wealth

③ . Bubble chart for industry breakdown

④ line charts for billionaires evolution

CATEGORIE

I : ① Country Distribution

② Individual Distribution

I : ③ Industry Breakdown

III : ④ Evolution

COMBINE + REFINE

④ a) b) combine the 2 line charts into 1

net
worth

year

number
of
billionaires

⌃ 2 lines will be different colours
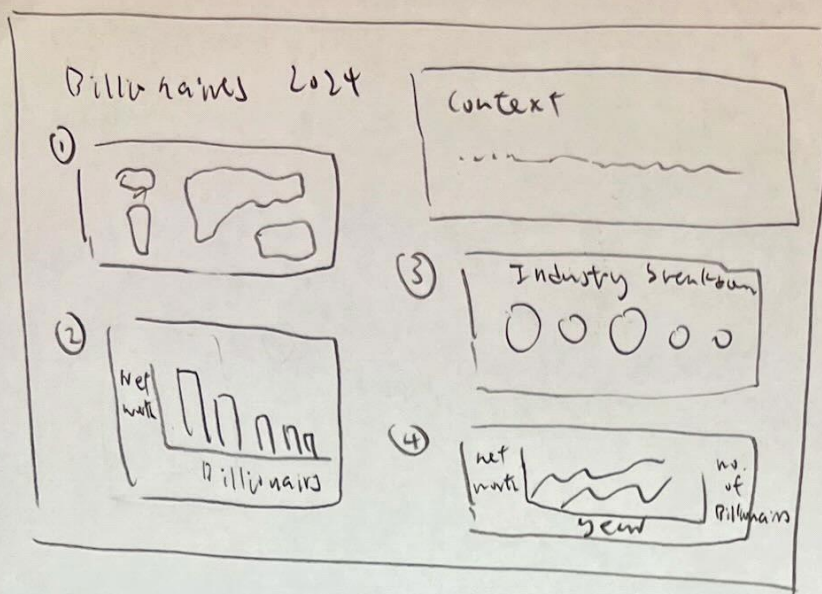
QUESTIONS

① Is there any other info can be shown in the map?
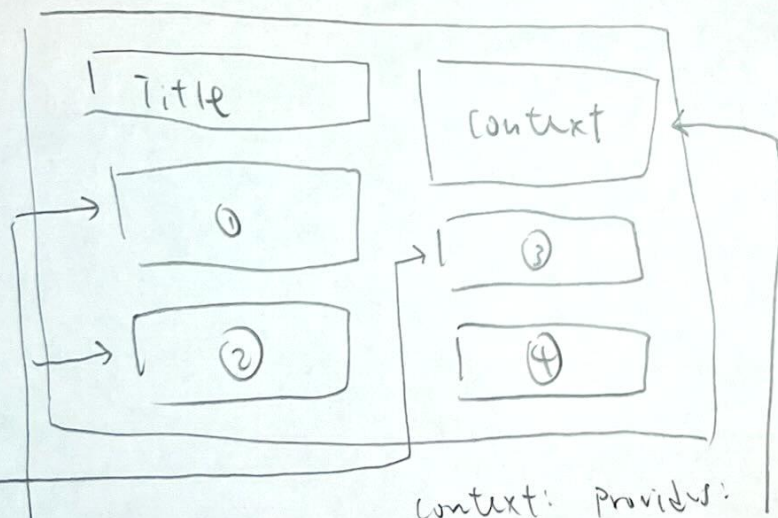
② Can I show organisation breakdown inside bubble chart?

LAYOUT

Billionaires 2024 — Context
① (map)
② Net worth / Billionaires (bar chart)
③ Industry breakdown
④ net worth / year / no. of Billionaires

OPERATIONS

① Tooltip: hover over country to show the number of billionaires and total net worth of the country

· Click on a country to filter the results in the bar chart (②)

③ Filter: dropdown to select which industries to see the breakdown

④ Filter: slider to select the time period to see the billionaires evolution

FOCUS

Everything is focused in the dashboard

Title — Context
① ② ③ ④

context: provides:
i) Background of billionaires
ii) its relevance & importance
iii) Highlight insights of 2024 billionaires

①+② Showing distribution of wealth by region

③ Showing distribution of wealth by industry

DISCUSSIONS

① Is the structure & storytelling clear?

· how to link the evolution of billionaires with the previous graphs?
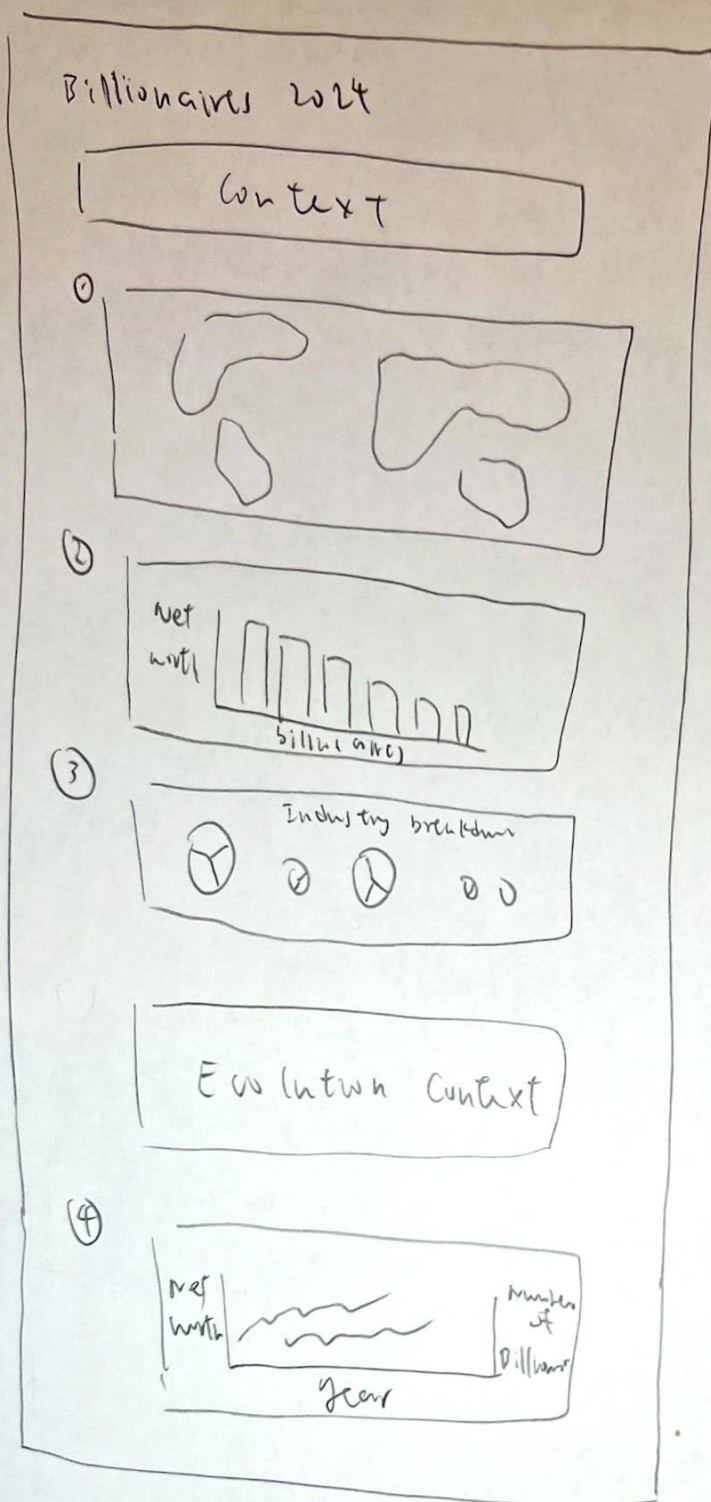
Advantages:
① Variety of graphs presented

Disadvantages:
① may not have complex graphs
② unclear storytelling

LAYOUT

Billionaires 2024

Context

⓪

ⓑ

Net worth

billionaires

③

Industry breakdown

Evolution Context

④

Net worth

year

Number of Billions

OPERATIONS

① Tooltip: hover over country to show the number of billionaires & total net worth of the country

· Click on a country to filter the results in graphs ② & ③

③ Filter: multi-select dropdown to select the industries for the industry wealth breakdown

④ Filter: slider to select the time period to see the billionaire evolution

DISCUSSIONS

Advantages:
① More interactive element
② Graph ③ showing more info

Disadvantages:
① Is there enough variety of idioms?

FOCUS

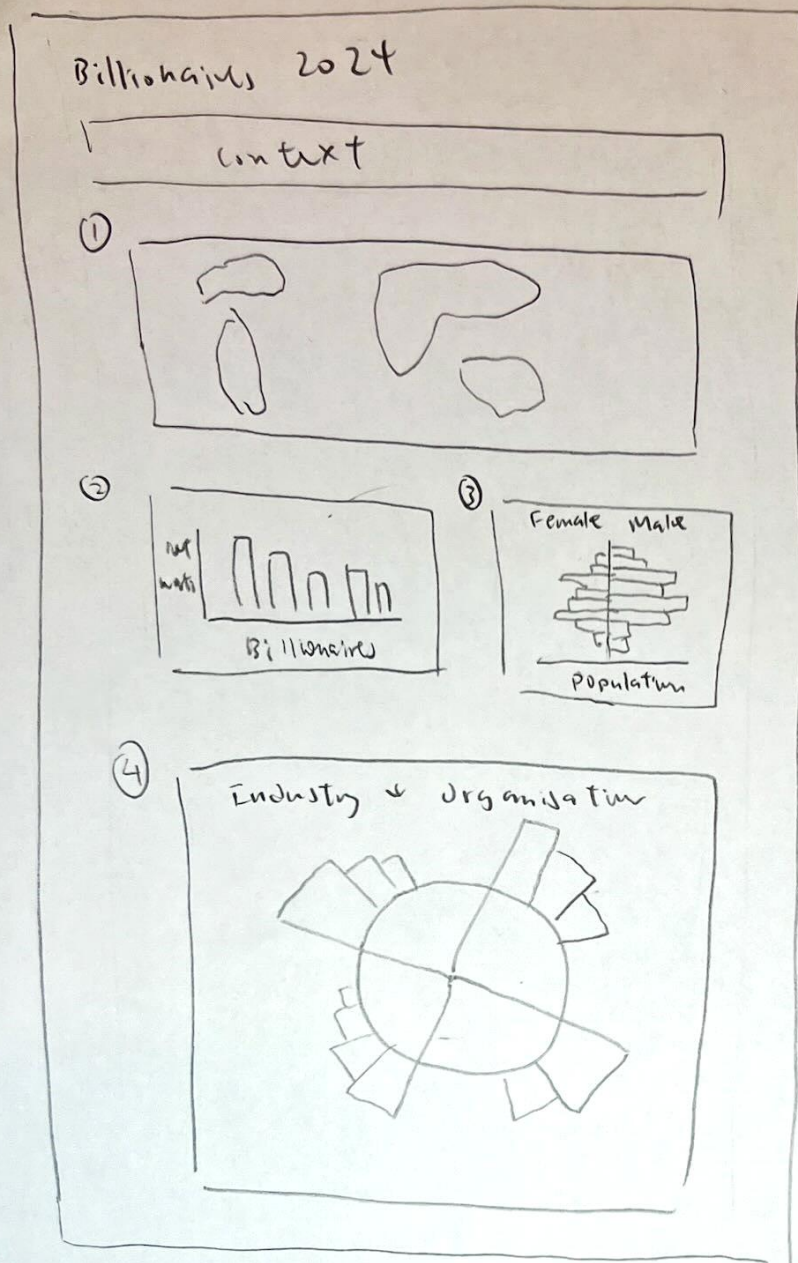Two main focus:

① Billionaires info 2024, e.g. by region, individual, industry shown in graphs ⓪, ① + ③

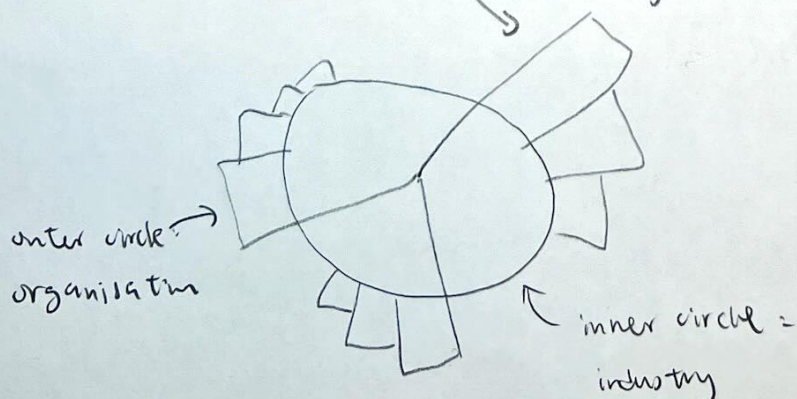② Billionaires Evolution, e.g. how does historical events impact billionaires number & wealth, shown in graph ④

④

LAYOUT

Billionaires 2024

context

①

② net worth [bar chart] Billionaires

③ Female Male [population pyramid] Population

④ Industry & Organisation

FOCUS

Main focus is ④

size/width of section: total net worth in industry / company

outer circle → organisation

inner circle → industry

OPERATIONS

① Tooltip: hover over country to show the number of billionaires & total networth of the country
· Click on a country to filter graphs ② & ③

② Filter: slider to select the number of billionaires to view, sorted by net worth

④ Filter: multi-select dropdown to select industries to view breakdown
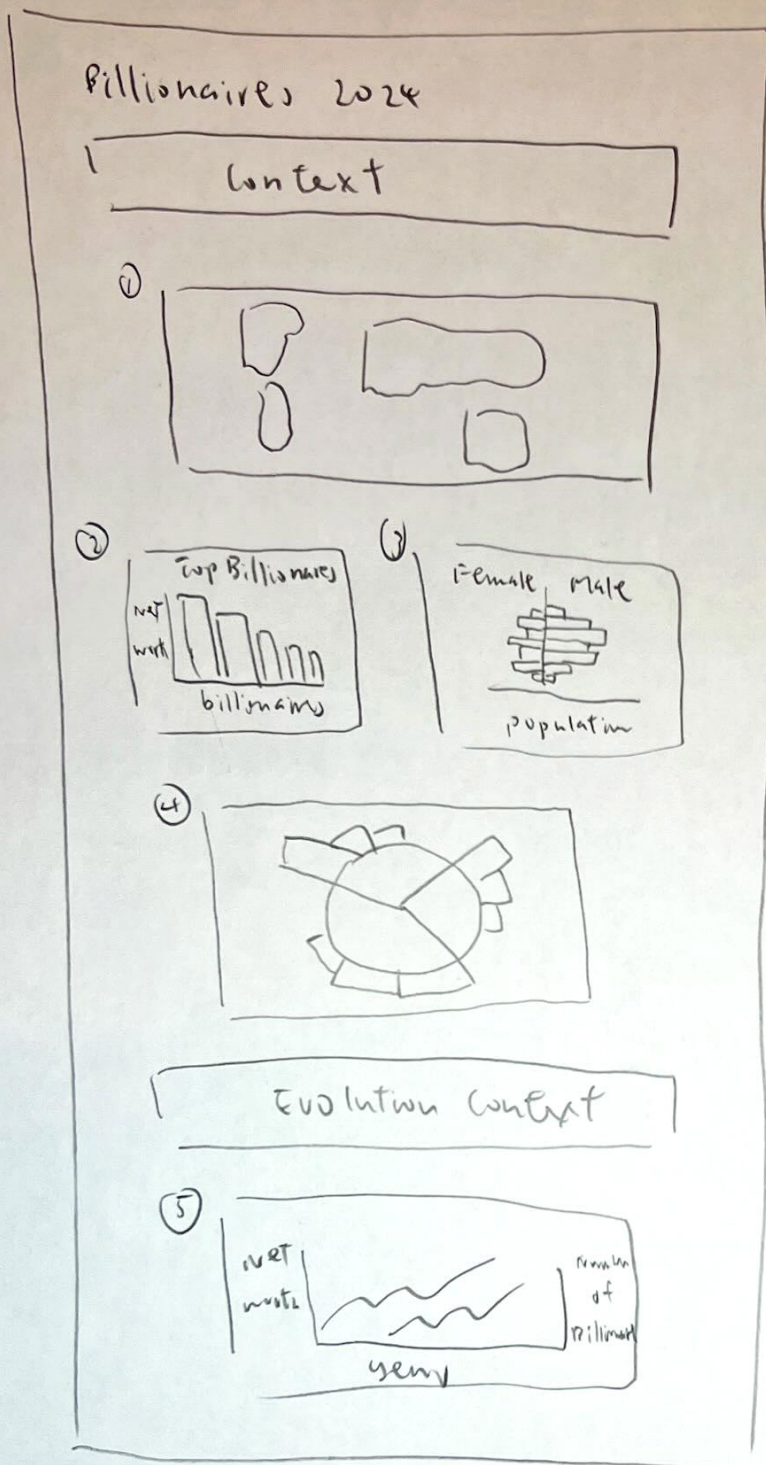

DISCUSSION

Advantages:
① Incorporated more interesting graph (eg. sunburst charts)

② coherent story telling (all graphs about billionaires in 2024)

Disadvantages:
① Essentially only showing info about the 2024 billionaires distribution in different aspects

② Not a lot of user interactions

LAYOUT

Billionaires 2024

```
|        Context        |

①
[graph with shapes]

②  Top Billionaires        ③  Female  Male
   net                        [graph]
   worth
       billionaires              population

④  [pie chart]

|     Evolution Context     |

⑤  net                    number
   worth                    of
         years            billionaires
```

OPERATIONS

① Tooltip : hover over country to show the number of billionaires + total networth of the country

   • Click on a country to filter graphs ② + ③

② Filter : slider to select the number of billionaires to view, sorted by net worth

④ Filter : multi-select dropdown to select industries to view breakdown

⑤ Filter : slider to select the year range to view the evolution trend

DETAILS

• Data Source : Forbes + Bloomberg websites about billionaires 2024, and historical billionaires

• Time estimation : 1 week
  • 1 day for cleaning data
  • 4 days for building and iding
  • 3 days to refine design & layouts

• Annotations for important/interesting data

• consistent typography + colour for info

FOCUS

• No one main focus : all graphs are important

• Two main sections :

  1st : Into about billionaires 2024 shown in ⓪, ①, ② + ④

  2nd : Evolution of billionaires shown in graph ⑤