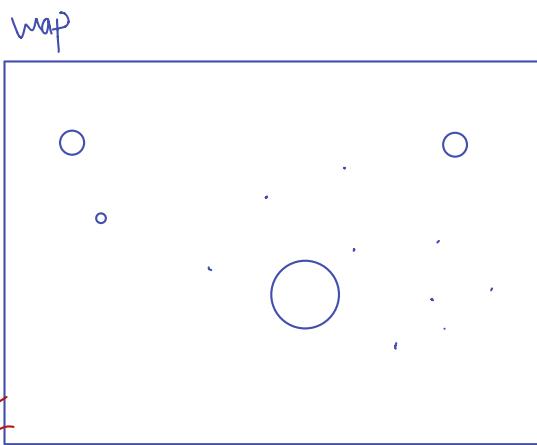
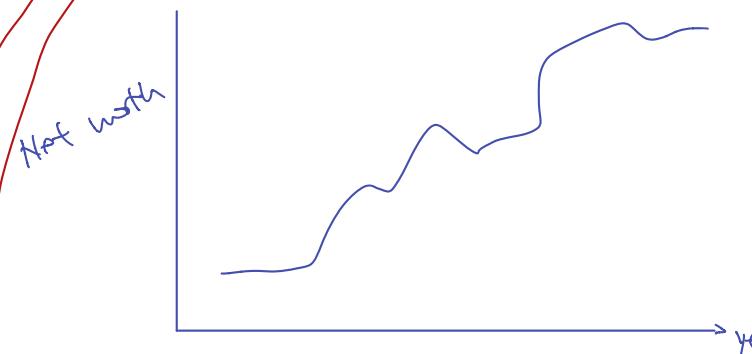


Useful variables:

Year  
Net worth (CB)  
Country of citizenship.  
Country of residence  
Name  
Gender  
Business category  
self made (T/F)  
wealth status (4 category)  
Rank  
Age

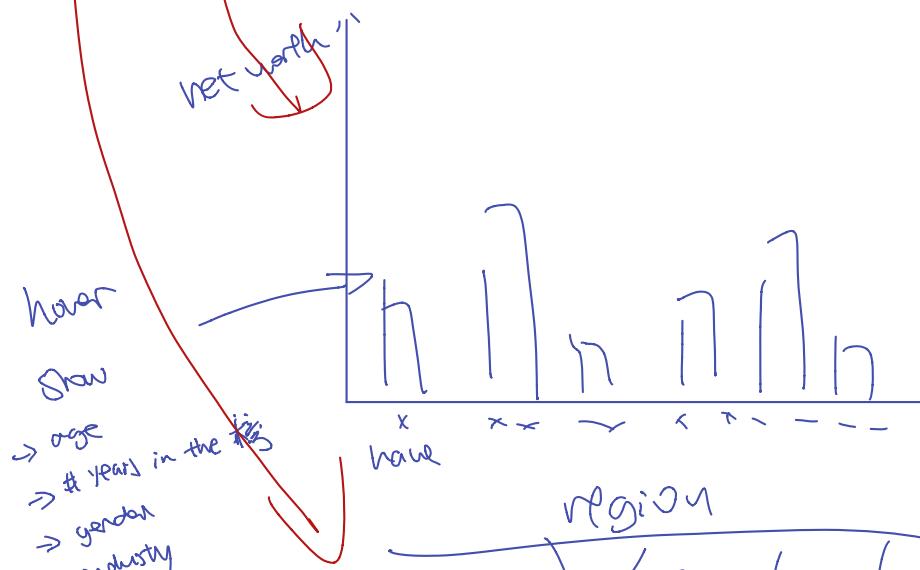


- size is # people on the rank.  
→ can filter by  
→ Gender  
→ self made  
→ year.

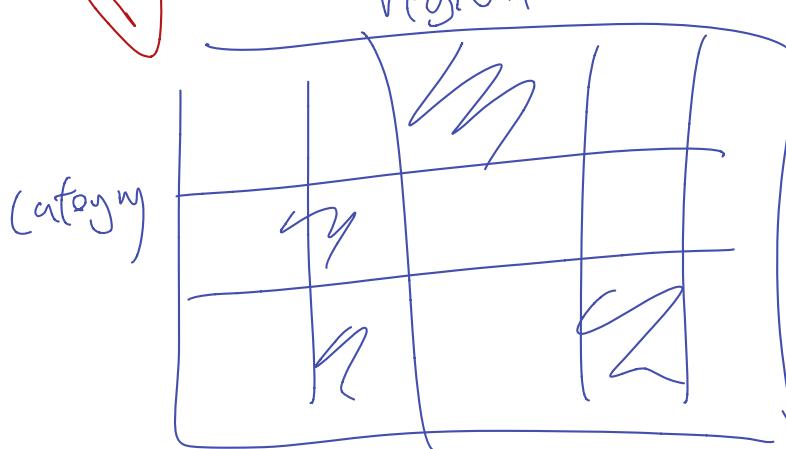


- can filter by  
→ year

- create comparison between  
→ Gender  
→ self made  
→ business category.



Top 10  
each year.  
In the category selected



shade is age (min)

- ① Time x total worth (line graph)
- ② Country x # of billionaires (map)
- ③ Industry x age { min  
mean } (matrix)
- ④ Billions in first 10 places and year range (bar)

brush & link.

↳ highlight / select an industry in ① → ③ highlight the line

↳ highlight billionaires in ④ → highlight his/her country in ② & ③  
Industry in ③

Gender / self made  
industry

⇒ filter control all, 3 graphs

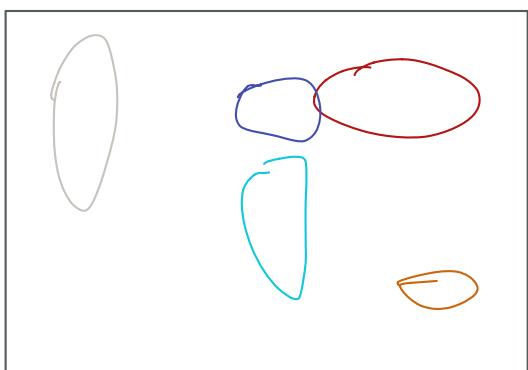
Year → slider [Overall]

line graph for comparison → Gender / self made/  
industry by yourself.

Filter:

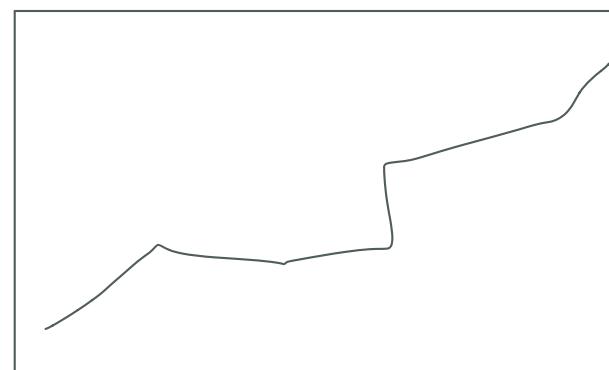
- year
- gender  Female  male
- self\_earned   False
- Industry  All

map

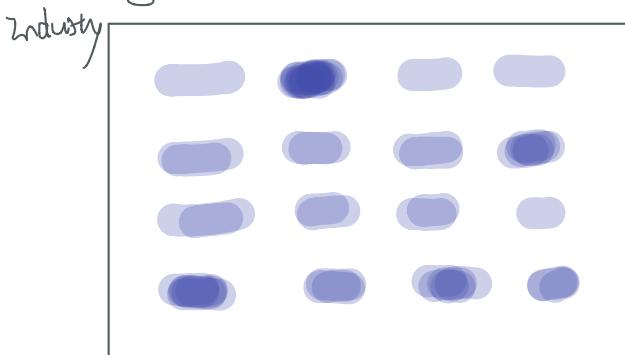


Compare by

- Industry
- Gender
- self\_earned



region



Min Age  Mean Age

① compare between industry

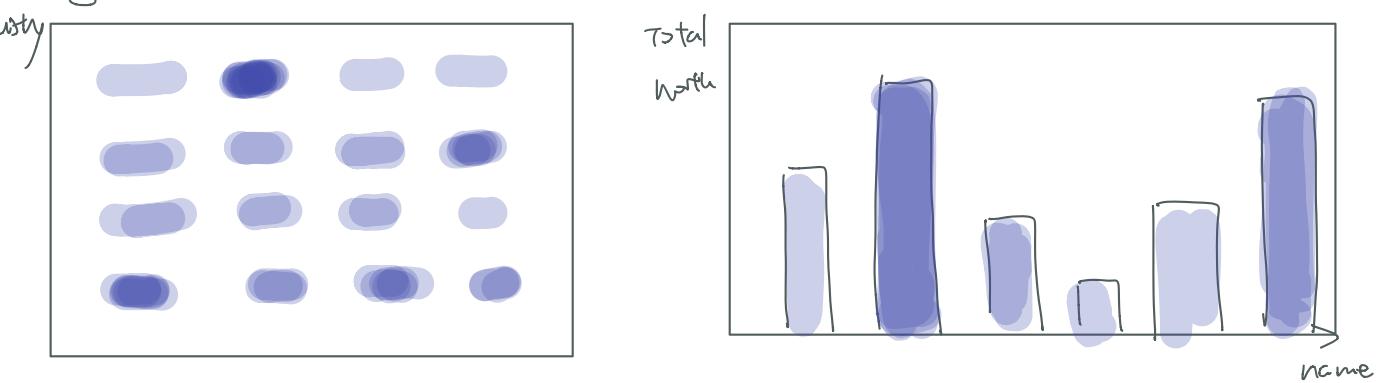
② compare over time.

③ self - earned ?

④ gender ?

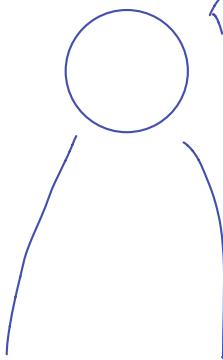
Total  
Worth

People got 10 lowest rank

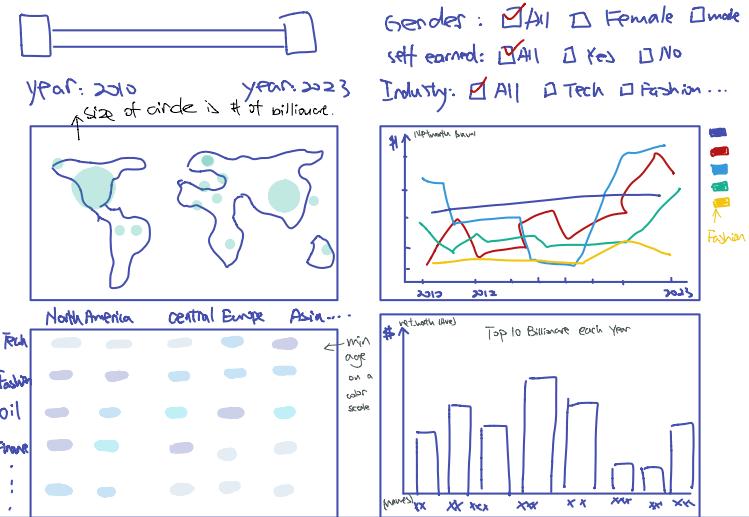


⑪

I want to see which country has more billions in the fashion industry



Original look of the visualization.



select an industry: Fashion

Gender:  All  Female  male  
self earned:  All  Yes  No  
Industry:  All  Tech  Fashion...

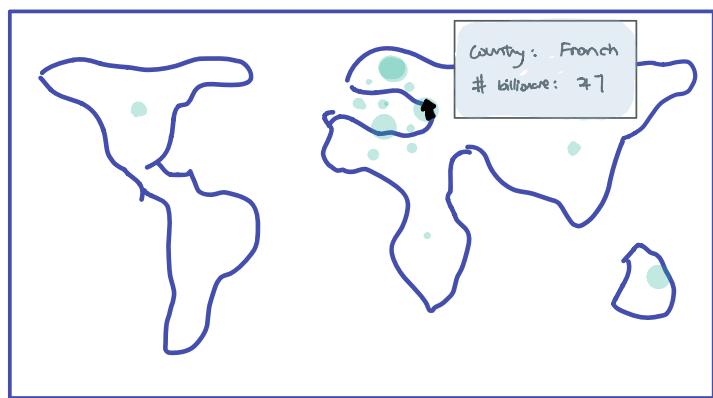
year: 2010 year: 2023

after filtering.

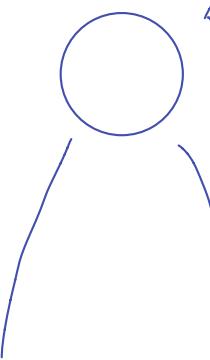


Compared to All industry, Fashion industry is more concentrated in Europe

Hover over individual country for more information



②



I wonder if Tech Industry compares to oil have younger billionaires? And how net-worth different between the 2 industries?

selected both tech & oil industry

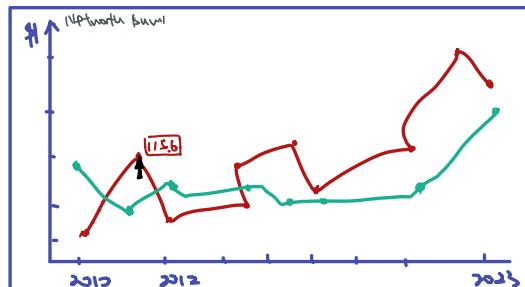
year: 2010  year: 2023

Gender:  All  Female  Male

sett earned:  All  Yes  No

Industry:  All  Tech  Oil

Hover over for details.



First, the time graph will only has the two industry

Row get highlight

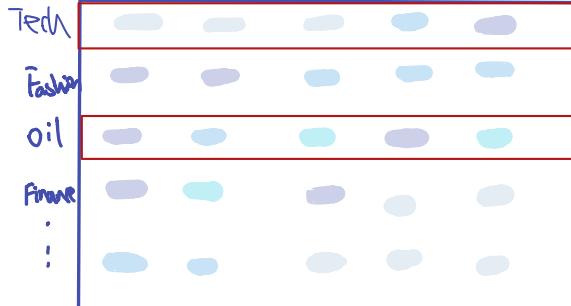
year: 2010  year: 2023

Gender:  All  Female  Male

sett earned:  All  Yes  No

Industry:  All  Tech  Oil

North America central Europe Asia...

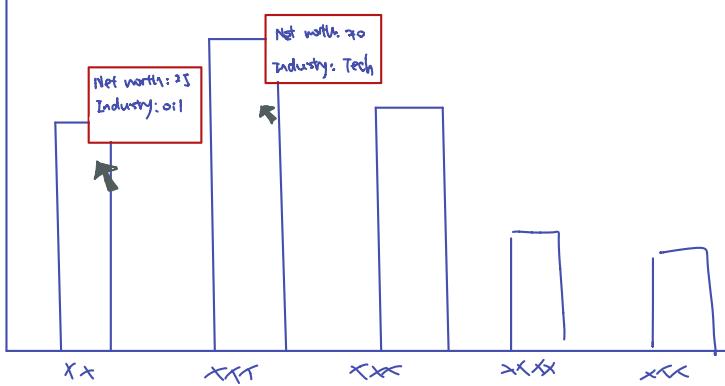


min age,  
lighter color,  
small min  
age of the  
industry in  
the area.

Hover over individual name for detail info.

\$

Now it will show top 10 people in industry Oil & Tech  
only for each year in the year range.



③

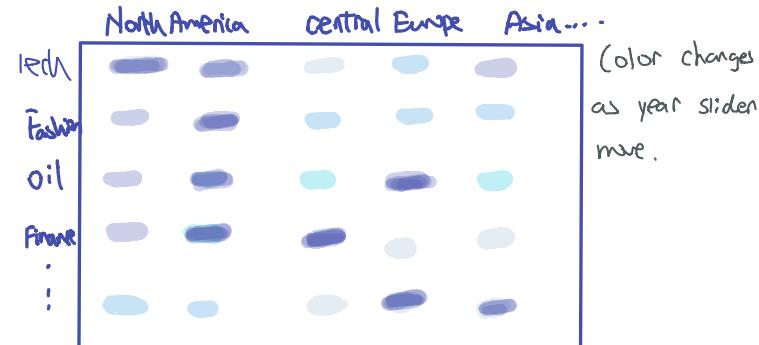


Change time range by moving the slider

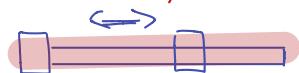


year: 2010

year: 2017

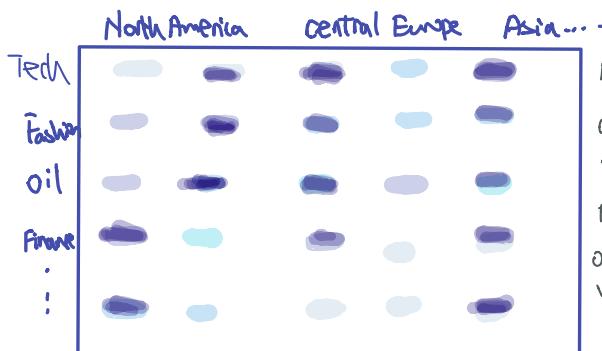
Gender:  All  Female  maleself earned:  All  Yes  NoIndustry:  All  Tech  oil

Select only self-made.



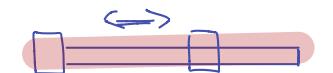
year: 2010

year: 2017

Gender:  All  Female  maleself earned:  All  Yes  NoIndustry:  All  Tech  oil

Again color change in response to the filter. older when only viewing self-made.

Hover over to see detail distribution of age (box plot)



year: 2010

year: 2017

Gender:  All  Female  maleself earned:  All  Yes  NoIndustry:  All  Tech  oil