FdS sheet

Sheet 1 Yanhap Wang

3 Bubble chart:

histribution of Industry

size of bubble: value of company color idifferent industry

movel Hoth

Melationship between industry & Valuation

3 1418 333

Idea:

1 Proportional Symbol map: show the total number, total valuation of unicorn companies in each country

(ChoroPleth map: show countries colored based on number of uniforn I value



color luminance show numberlyalue

5 bor chart:

size : number color: Value

4) Pie chart:

distribution of unitorn companies across industry



Companies in each industry 50 Coulpy To AL Fintech Health

6 Loilipop Chart show the count of unicorn

show some apost valled ambanies so we can been which ladusted is most profit valuation? Bytcolone Shen SPOREX FTX Company

(9) chord diagram:

1) Sankey chart: show the flow of Companies to industries uk AI



2) Tree map. show Proportional size of different industries in terms of number of uniform /valuation



and industries investorA investor B HOUCK! industries C

show relationship between investors

The thicker the string, the greater number of investors

(1) Heat map: show the density of unicorn company formation over time



@ Raylor Chart Compare different industries across number of unicorn companies

Filter : Redunt Ideas

O . O Loth show location data

D, D. G. Oboth show distribution of industry

3, B, Q loth an show volvotion

(9) , show investor

show formation year, but (B) charge other chart voriable can also do this

Contegorize

Loatin analysis:

O.O

Number of unitorn company;

0,0,5 valuation of uniform company:

1 (B . B cif change variable) Distribution of industry:

Investor ; 9

Year: (10)

combine & refine 080

D& (9)

(3) & (6)

Refine: Display both number of unitorn companies in each country and the country's industry distribution or total valuation. Bur chart and collips chart ! lollipsp chart show Valuation and bar chart show number

avestions:

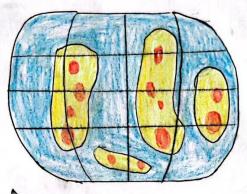
Does it show which countries have the most unitorn completely valuation?

which unitorn complantes have the highest valuation in their industry? ixes it show distribution of industrits and investor/year?

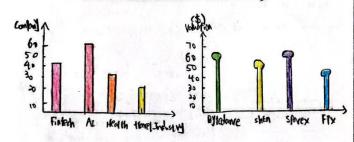
Sheet 2 Fds

LAYOUT

Title: Worldwide uniform companies



Size: Value
Color: Industry



The central idea of this design is to provide FOCUS users with a global - to-industry level understanding of univern companies.

Propertional symbol map provide users a 9lobal Perspective

Bubble chartshows how different industries contribute to the overall

raluation of unicom complances.

Bar chart is more detail shown us which industries have the most unicorns and allow them to compare industry size and Lollifor chart trovide insights late which companies are driving the most values with their industries.

indicate which company have the highest valuation

Author: Yanhao Wang

Date: 25/09/2024

sheet 1 - FDS 2

Tosk: Professional symbol map, buible chart

for chart, Lollifop chart

OPERATION

Allow users to filter by country or industry, allow them focus on specific regions if interested.

Ench chart include hover tooltills that Provide additional details

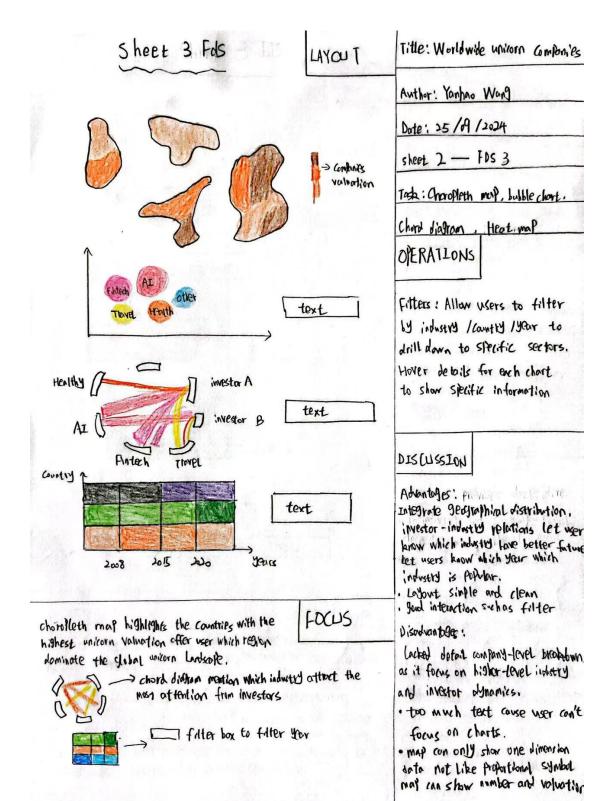
DISCUSSION

Advantages !

stort from a global perspective and norton-ing down to specific industries and top companies. Arouse enough depth for users to explore multiple dimensions. User can click or choose the industry or region they like is a clean and simple visualization.

Piradvantoges:

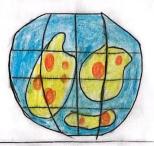
It may lack depth in exploring investment relationships, dufat cover all the data in the dataset. Some small uniform companies nut include up can be visual in this visualisation.



sheet 4 Fds

LAYOUT

Title: Worldwide unicorn Gmidnies



Text



Text



Text



Text

sonkey chart show top 5

contries with the highest number of unicorn complinity to observe the flow of industries.

industries. A Proportional size of different industries based on the number of unicoras.

peoplar Chart Compare different industries across Valvation to find which industries earn have bright future.

Author: Yanhao Wang

Date: 25/09/2024

sheet 3 — FDS 4

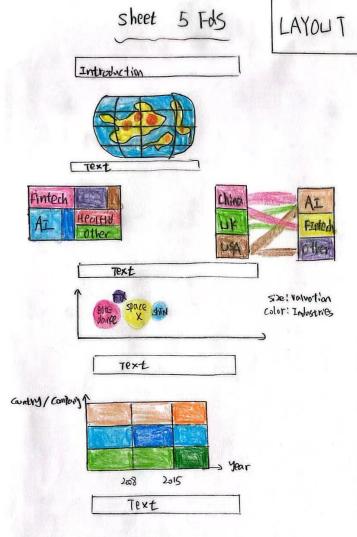
Task: ProPortional Symbol map

Sankey chart, thee map, Roder chard
OPERATION

Filter: user an select a specific country in southey chart or select a specific industries
Tooltips on each chart, when hover provide detail obta for each industry, country,

DISCUSSION

Advantages: Sanbey chart can show the flow and more interesting Filter and Tooltip Provide detail Provide a comprehensive view and rodar chart add depth by introducing multi-demensional Performance compassion. Discidvantoge: Adn't include investor, time or detailed combany-level insights Roder chart may be hard to implement. sankey chart con't include all country, if so, the layout night be confact.



centre idea: Provide a complete Perpective on

unitorn company distribution, industry flow, top company valvations, and time they found, to find is there a good year to start a business. the Proportional symbol map offers a geographic view sankey chart never the flow of combines between industries, Tree map : Sives Proportional comparison of industries and the bubble chart highlight the most valuable companies Heat may offers insights into the trends of uniforn formation

Title: Worldwide unicom companies

Author: Yanhao Wang

Date: 25/09/2014

Toski Arofartional Symbol map. Thee Map. sankey chart, bubble chart, heat map

OPERATION

Filter: User can filter by country. industry, allowing them focus on Stecific regions.

Hover Tooltis: hover over country or any chart will show detail data surkey chort have can see a strette flow

DISCUSSION

Algorithm:

symbol size algorithm scales the size if the circle in map, sankey layout algorithm completes the flow of unicons across industries.

Colors : A consistent color scheme is critical.

Proportional Symbol: A grodient color, and blue for ocean

sunkey chart: Distinct color Tree map: same color follow sankey some for the rest chart

software! vega-Lite, Dava scrift, html. Css maybe some website to get the map later information.

Estimat time:

FOCUS

Proportional symbol map: 1 day

sankey chart: 2 day Tree map: Iday

Bubble Plot: 6 hours

Heat map: I day