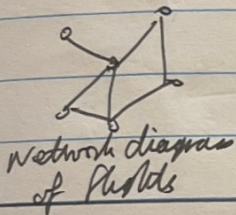
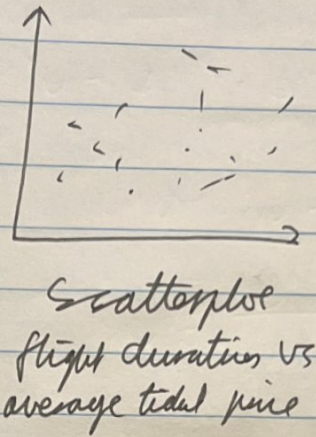
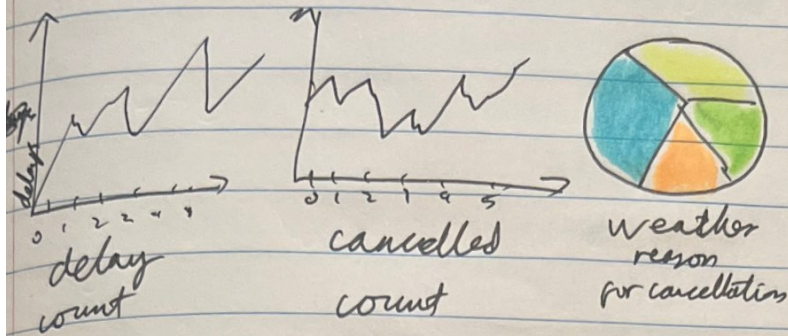


## Ideas

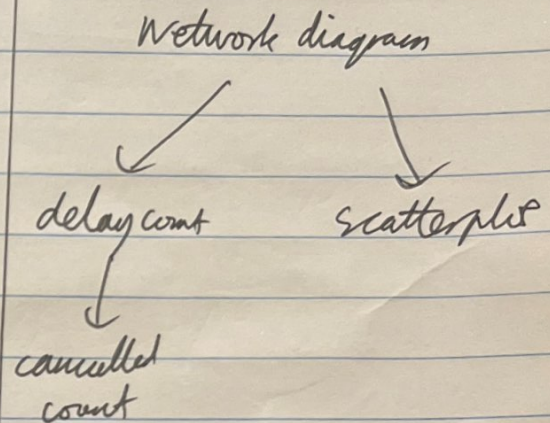


## Filter

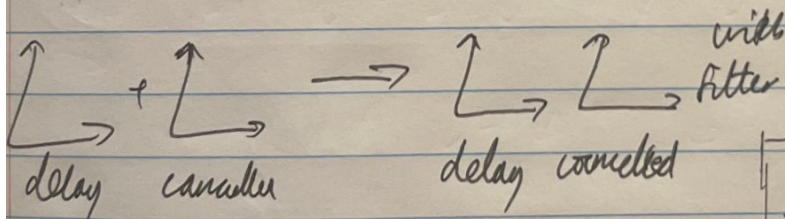
↳ Pie chart  
not enough information in the data

↳ stacked bar chart  
may be lying in the graph

## Categorise



## Combine and Refine

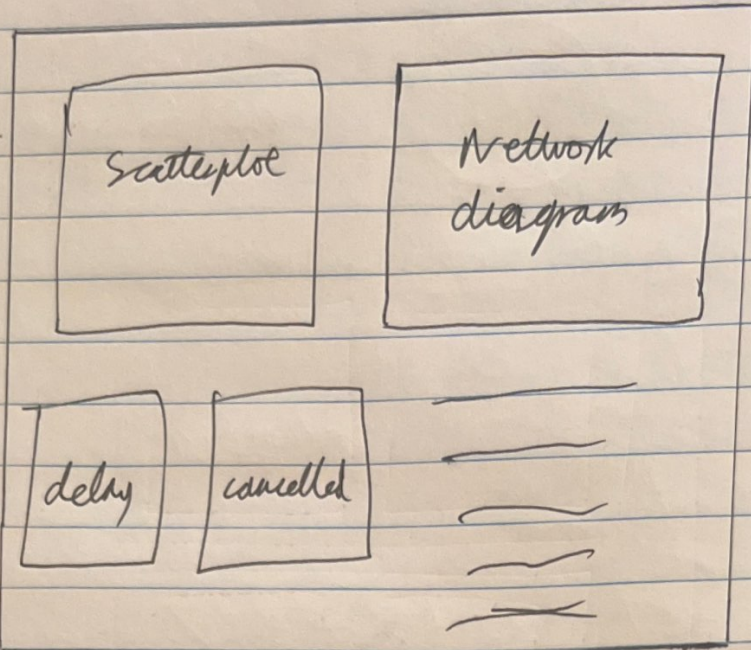


## Questions

1. Is this feasible?
2. Is the data big enough?
3. Is the scatterplot information helpful?



## Layout



↳ Might be too many visuals on 1 page.

- Can try scrollable visualisation

↳ Add filter to delay and cancelled, such as weather

Title: Flight Poster

Author: Elvis You

Date: 8/10/2024

Sheet: 2

Task: Design Poster

## Operations

↳ Filter for cancelled and delay chart

show all
sunny
rain
thunder

## Tooltip

- Flight duration

- Flight delay type.

## Focus

Network diagram should be big enough to see all lines. not too convoluted

↳ Invite readers to the visuals by moving from top left to bottom right.

## Discussion

### Advantages

↳ Lots of visuals

↳ Area is separated quite neatly, not too much white space

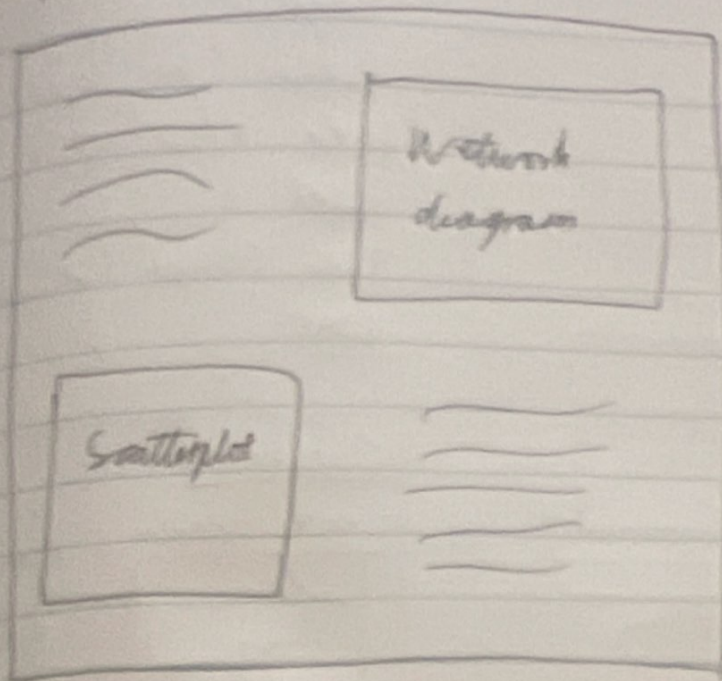
### Disadvantage

↳ Maybe too many visuals, not enough text

↳ Overload of charts



## Layout



↳ Simple graphs, more text + opportunities for story telling

↳ More focus on the 2 graphs, network diagram + scatterplot

## Focus

↳ More simple ~~to~~ visualization

↳ More text, less overwhelming plots

↳ Readers can pan from top to bottom or top left to bottom right

Title: Flight Poster

Author: Elvis You

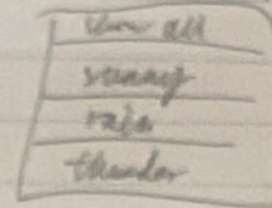
Date: 8/10/2024

Sheet: 3

Task: Design Poster

## Operations

↳ weather filter



## Tooltip

- Flight duration

- Airport

- Flight delay type

## Discussion

### Advantages

↳ More simple visualization

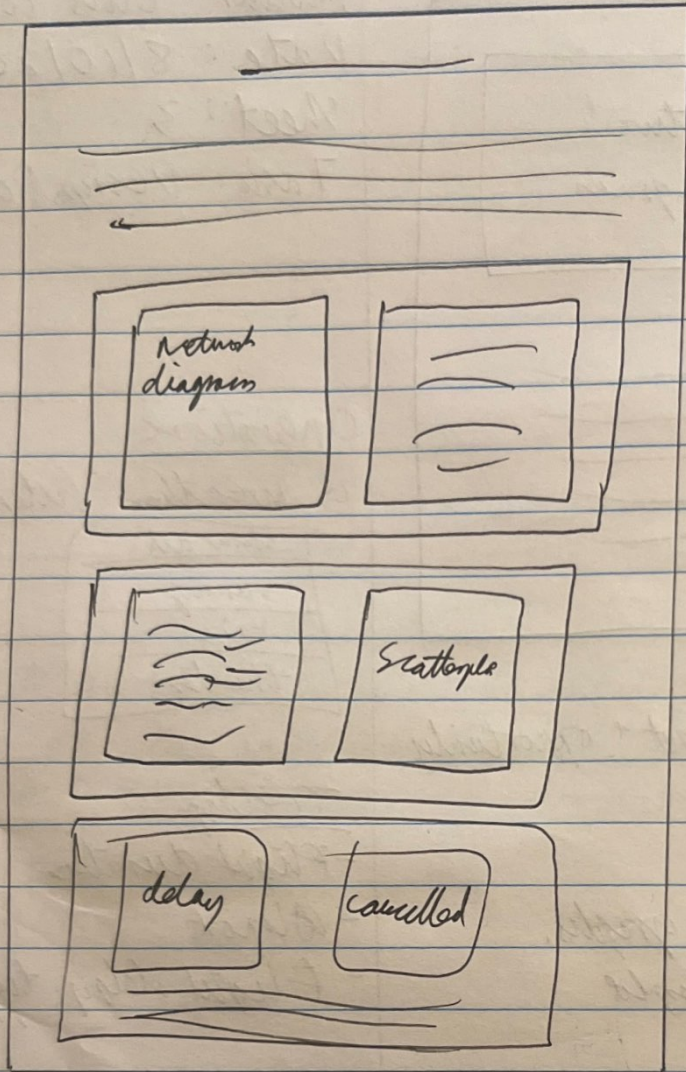
↳ More text so more chance for story telling

### Disadvantages

↳ need more graphs



## Layout



Title: Flight scrollable page

Author: Elvis You

Date: 8/10/2024

Sheet: 4

Task: Design scrollable page.

## Operations

weather selection

clear
sunny
rain
thunder

Average ticket price



## Tooltip

↳ Airport

↳ Flight duration

↳ Average ticket price

↳ Destination

↳ Flight delay type.

## Focus

↳ Scrollable page, allows for more content

↳ Top to bottom structure, storytelling

↳ Price filter for network diagram shows which flights are worth more.

## Discussion

### Advantages

↳ More content on the page.

↳ Lots of information and visual

### Disadvantages

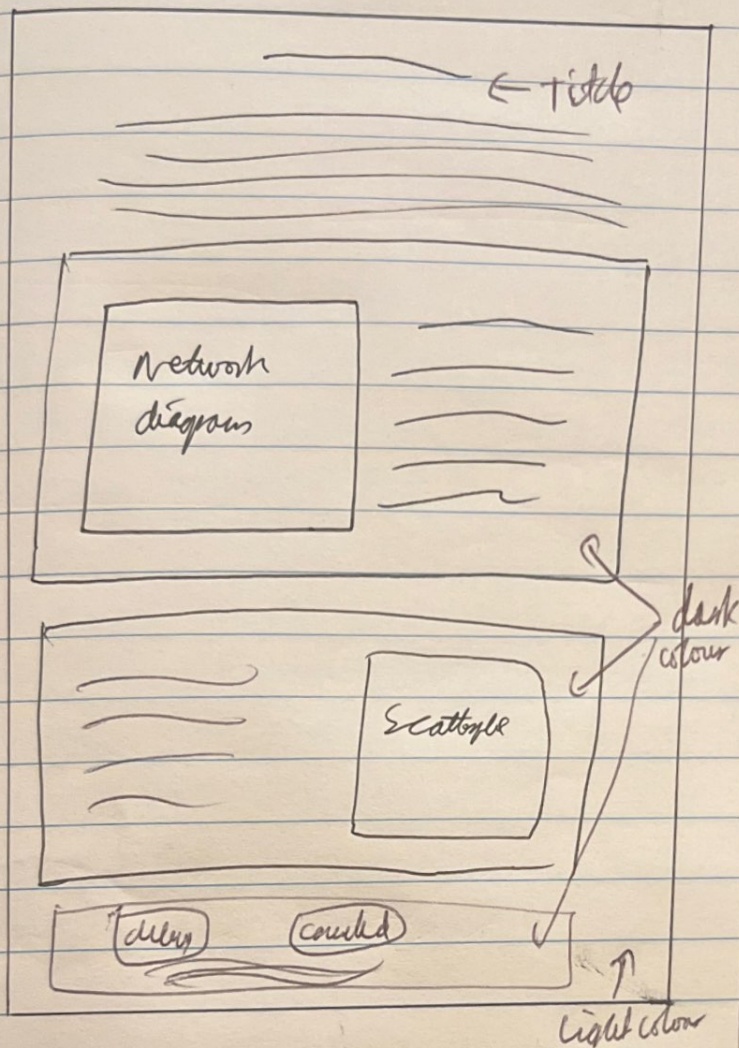
↳ Too much information

↳ Might have too many components



## Layout

↳ Mainly Sheet 4



Title: Final Design Sheet

Author: Elvis Yon

Date: 8/10/2024

Sheet: 5

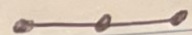
Task: Design Final Layout

## Operations

weather selection

Minimum  
average  
ticket  
price

clear
sunny
rain
thunder



## Tooltip

↳ Airfare

↳ Flight duration

↳ Average ticket price

↳ Destination

↳ Flight delay type

## Focus

↳ Scrollable page, allows more for content to be seen.

↳ Balanced page, with similar weighting of graphs from left to right. Text is also balanced, making the page look even.

## Details

- Python (pandas) for data cleaning

- Vega-lite for graphing

- Use bootstrap for html so I don't need to specify the height and width and layout of the graphs. Last

- Use cards to section off the parts