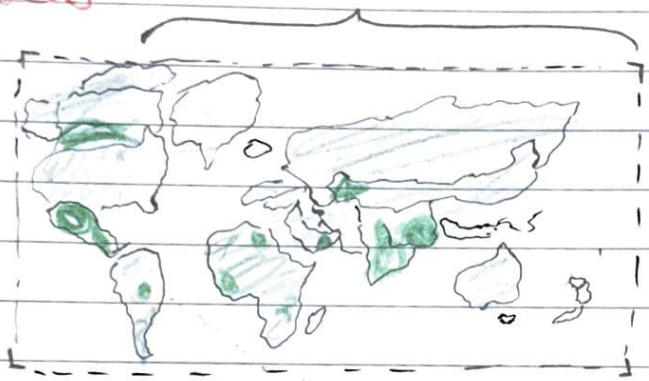
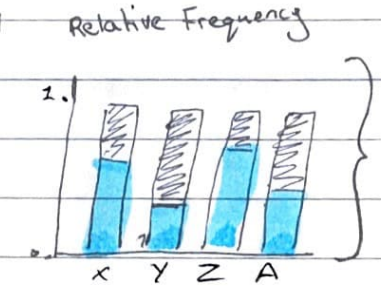
Sheet 1

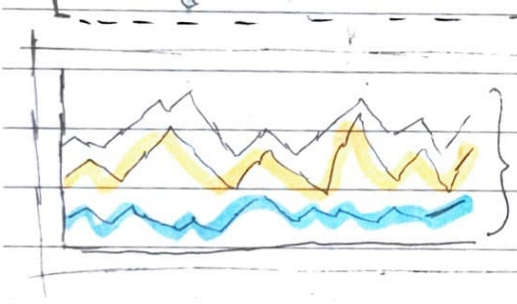
Name: Eyad
Date: 20/9/2025

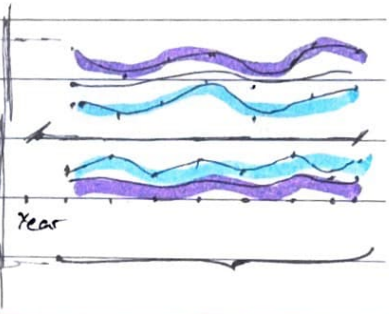
Ideas

Choropleth Map









Categorise

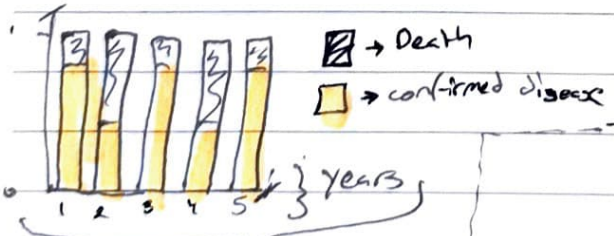
Dataset

Quantitative
- years
- # of deaths
- BMI
- sleep Hours

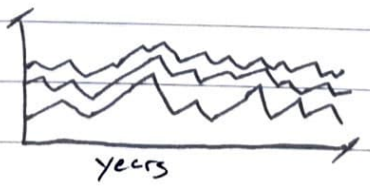
Qualitative
- country
- disease
- smoking
- Nutritional deficiency
- stress

- Using sleep hours, smoking rates, to configure death rates
- diseases compared to heart diseases, which are more prevelant
- yearly data/trends of heart disease deaths.

Combine/Refine

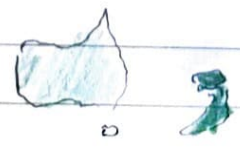


see which years have higher rates of disease contraction/deaths



Summarise/Question

- is the visualisation easy to comprehend?
- does the data help the visualisation
- are the idioms feasible for the audience to understand?



- Using luminance to distinguish low/high rates.

Sheet 2

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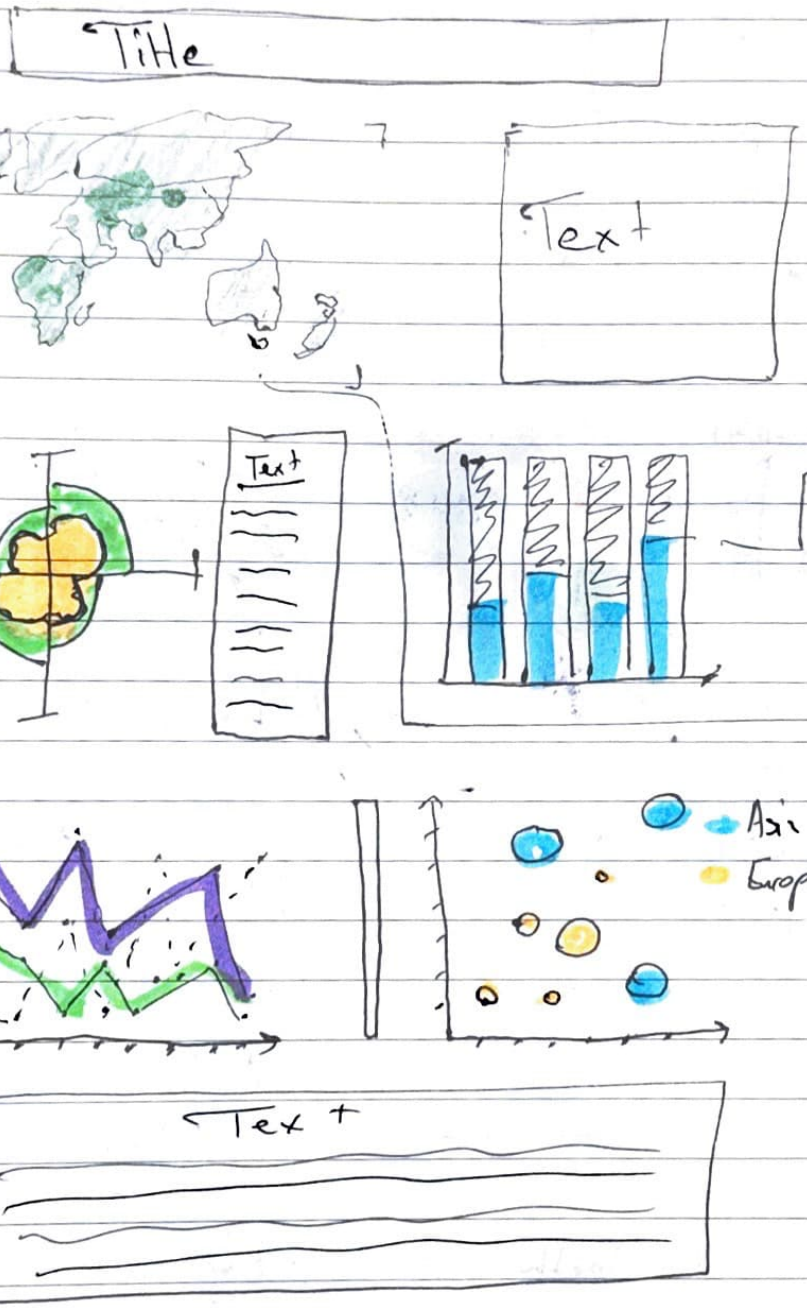


Title: Dashboard
Author: Eyad El Hajj
Date: 20/9/2025
Sheet: 2
Task: DV II

Operations

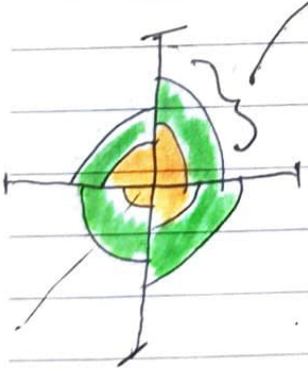
→ Relative frequency of heart disease deaths from other deaths

→ Year filter to see different years of deaths.

Discussions

- Covers a range of idioms.
- Can be generic and not show anything too intresting.
- Doesn't explore any causation.
- Complexity for the pie chart.

Focus



→ shows total disease cases
→ allows the inner part to account for deaths

} similar to a barchart but the visualisation is more intuitive.

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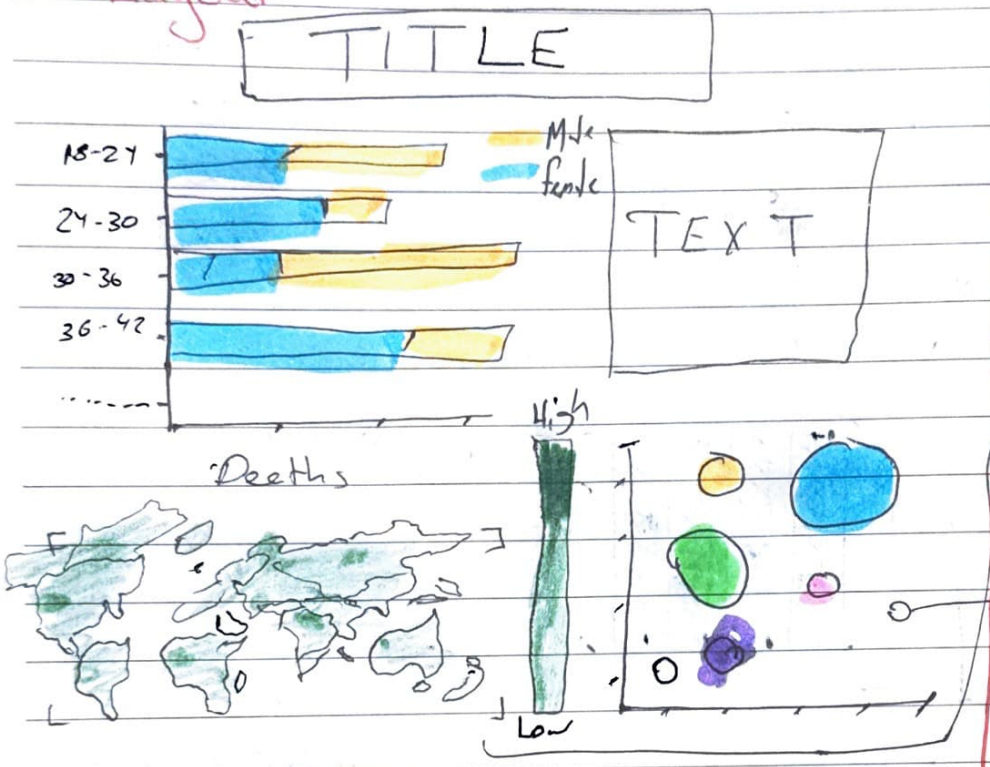
Sheet 3

Layout



Title: Dashboard
Author: Eyad El Hajj
Date: 20/9/2025
Sheet: 3
Task: DV II - SDS

Operations

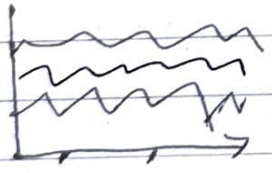
→ A filter to sort by different causes of deaths

→ ~~Slide~~ filter to show 25 years progress which disease is taken over.

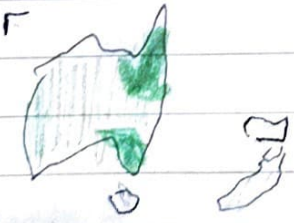
Discussion

- Maintains the variety of things to explore.
- Explores how disease can effect different genders.
- Looks at different diseases over the years, aside from heart disease.

Focus



→ Cause of deaths over the years
→ highlights different causes



Luminance to highlight intensity of which countries have more death rates.

Sheet 4

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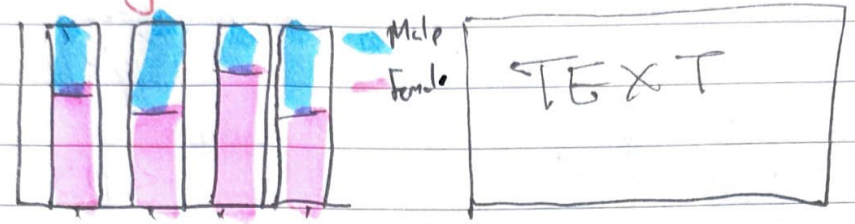
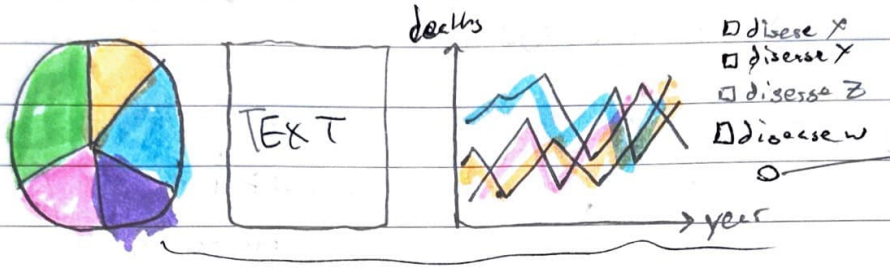
Layout





Title: Sheet 4
Author: Eyad
Date: 25/9/25
Sheet: 4
Task: SDS

Operations:

→ User can visually interact with the chart to see

→ Year + disease type filter for more presentation of data

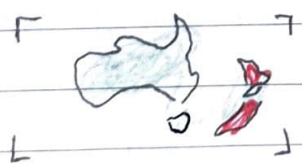
Discussion

- Covers a wide range of ideas

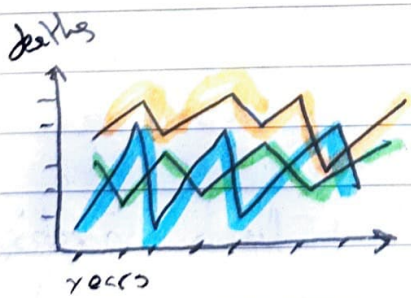
- Utilises a wide range of different channels to help the user understand the data.

- Not sure if it will convey the correct storytelling.

Focus



} Using hue to highlight which country has most deaths by a disease.



} Trying to see as time progresses, which disease seems to be growing.

Sheet 5

Layout

Title - Sheet 5
Author: Egad
Date - 23/9/2025
Sheet - 5
Title: SDS

Operations:

→ A slider for user to toggle the year.

→ Some vega-lites visuals show a filter. maybe to sort gender or year?

Discussion:

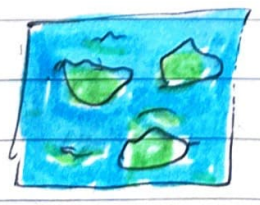
- Shows an appropriate speed of idiom.

- Utilises filters which was lacking last assesment.

- Needs annotations for more clarity.

Focus

» The bar chart can show the audience the values of which countries have higher death tolls.



A heatmap is unique enough to allow the audience to visualise the demographic of people with heart disease.