IDEAS
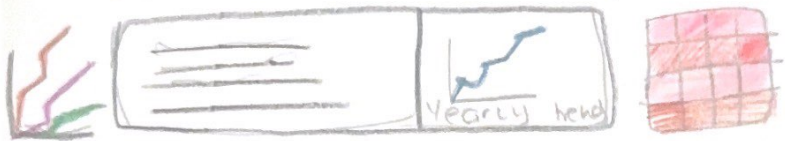
Global Warming, causes & impacts
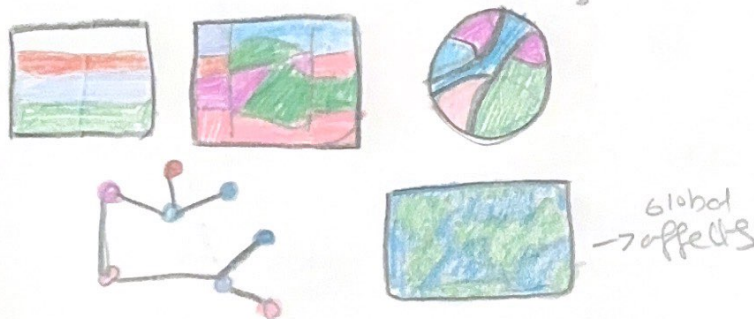
What is Global warming?
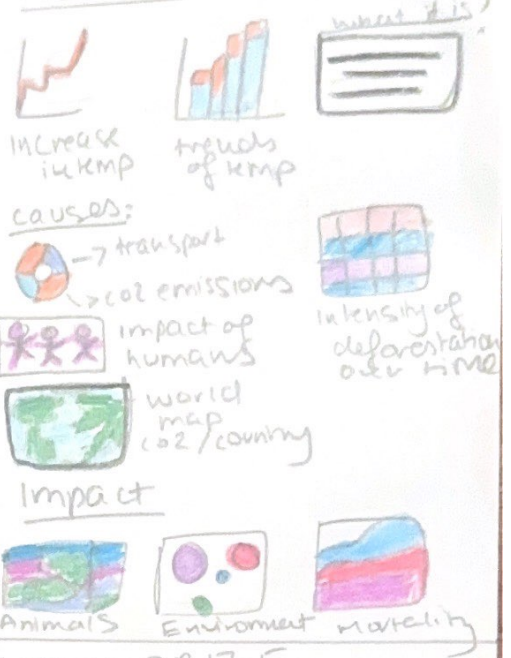

Yearly trend

↳ heat map

Why is it happening?

↳ bubble chart

↳ world map

What are the effects?

Global → effects

increase in temp

trends of temp

what this?

causes:
→ transport
→ co2 emissions

impact of humans

world map co2/country

intensity of deforestation over time

Impact

Animals   Environment   Mortality

CATEGORIZE

WHAT IT IS?
↓
HOW IT OCCURS
↓
Biggest Impact   Intensities   yearly trends
↓
ITS IMPACT   → Severity
↓
Animal extinction   loss of environment

COMBINE & REFINE

Temp

→ temp → year

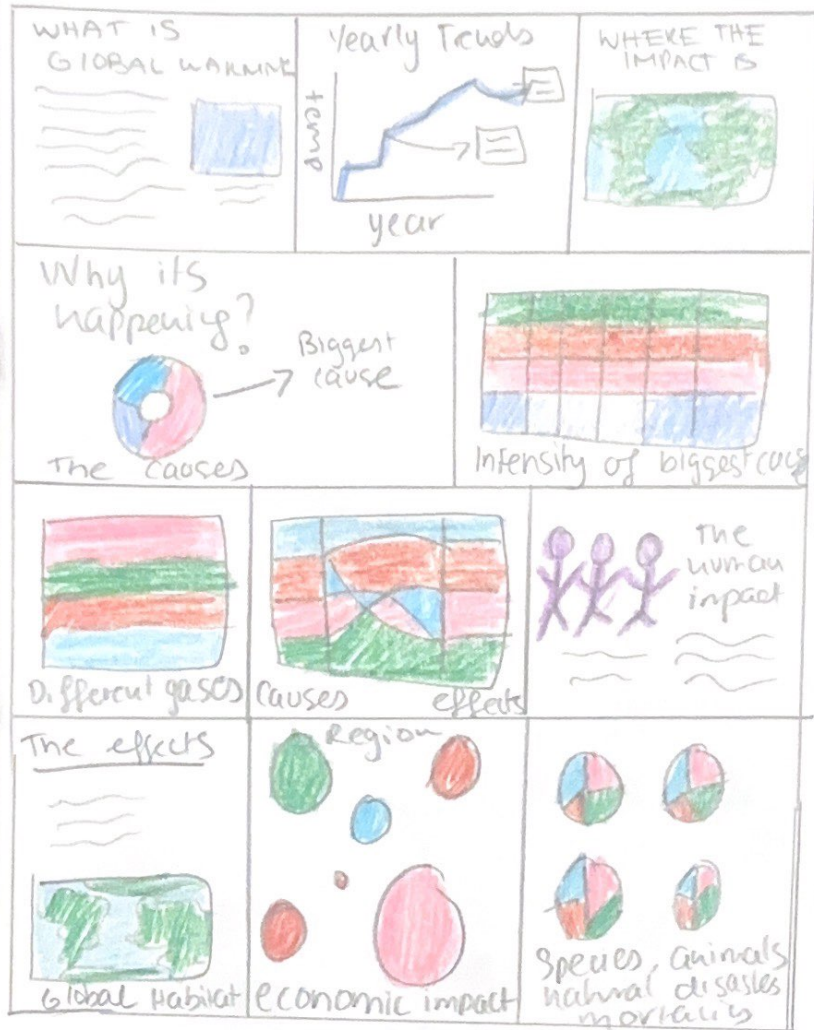→ how cold/hot it was (red & blue)

year → temp → year

Human impact

+ → Global Impact

QUESTION

- Are the visualizations doable
- Is it meaningful / interesting / factual?
- Add visualization / topic?

LAYOUT

WHAT IS GLOBAL WARMING	Yearly trends (temp vs year)	WHERE THE IMPACT IS

Why its happening?
→ Biggest cause

The causes

Intensity of biggest cause

Different gases | Causes effects | the human impact

The effects

Global Habitat | economic impact | Species, animals, natural disasters mortality

Region

Operation

→ Slider for impact over time

impact cause stats → tool tip

→ Clickable

FOCUS:

why its happening

Human impact

→ gases effect

→ causes

Deforestation
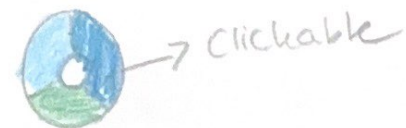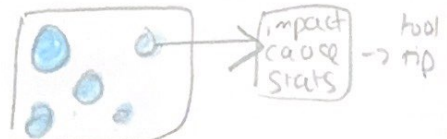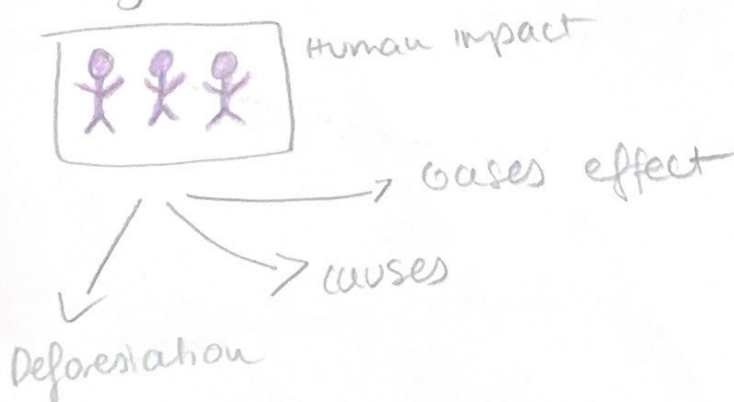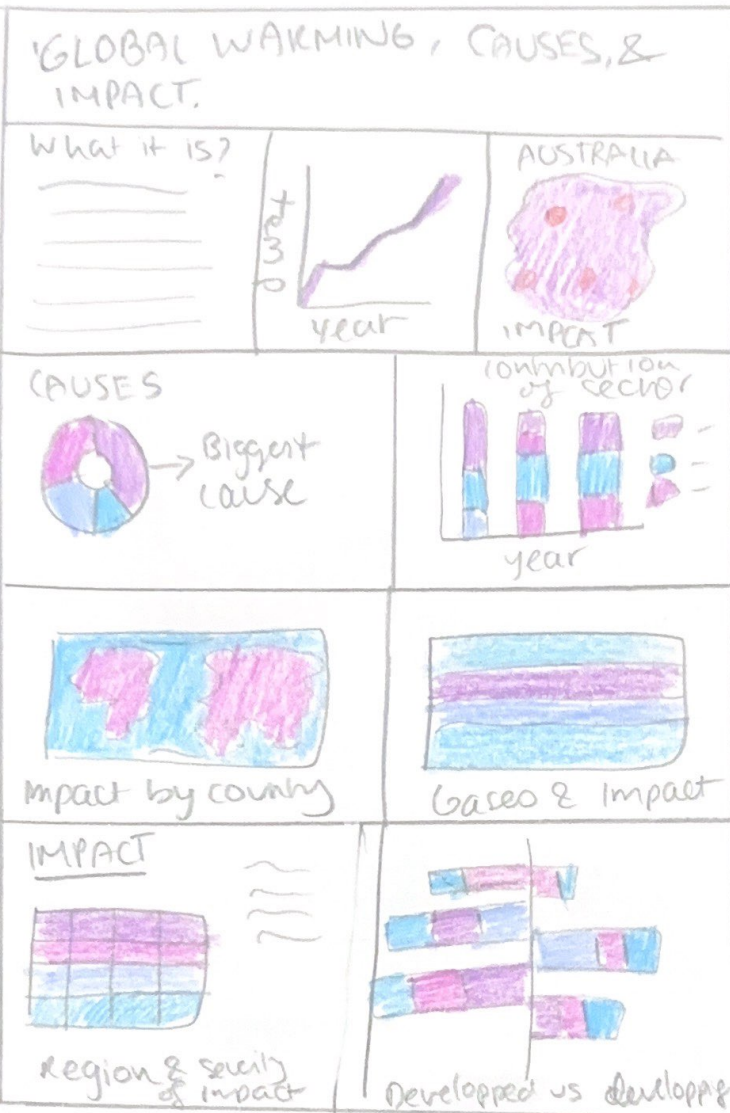
DISCUSSION

- more tooltips
- more info for why
- what is the focus?
- Is this doable?

LAYOUT

'GLOBAL WARMING, CAUSES, & IMPACT.

What it is?
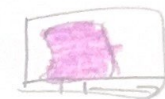_____
_____
_____
_____

year

AUSTRALIA

IMPACT

CAUSES

→ Biggest cause

contribution of sector

year

Impact by county

Gases & Impact

IMPACT

Region & severity of impact

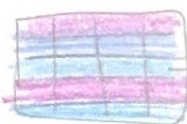Developped vs developing

Operation

Slider for years for aus map

hover for tool tips for stats

→ Clickable

FOCUS

IMPACT → county focus i.e. developing vs developped

By region → By 'thing' i.e. gases or deforestation or pollution

Discussion
- Good story telling aspect?
- Enough operation?
- Color scheme?
- less/more vis?

LAYOUT

GLOBAL WARMING,
CAUSES & IMPACTS

what is it?

Temp Changes

why it's happening?

MAP

ITS IMPACT

Title: Global warming,
Causes & Impacts
Author: Nabiha Siddqui
Date: 25/09/24
Sheet: 4
Task: Data Vis 2

Operation

↑ hover options

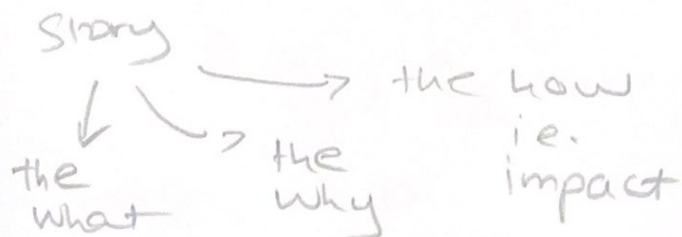→ clickable elements
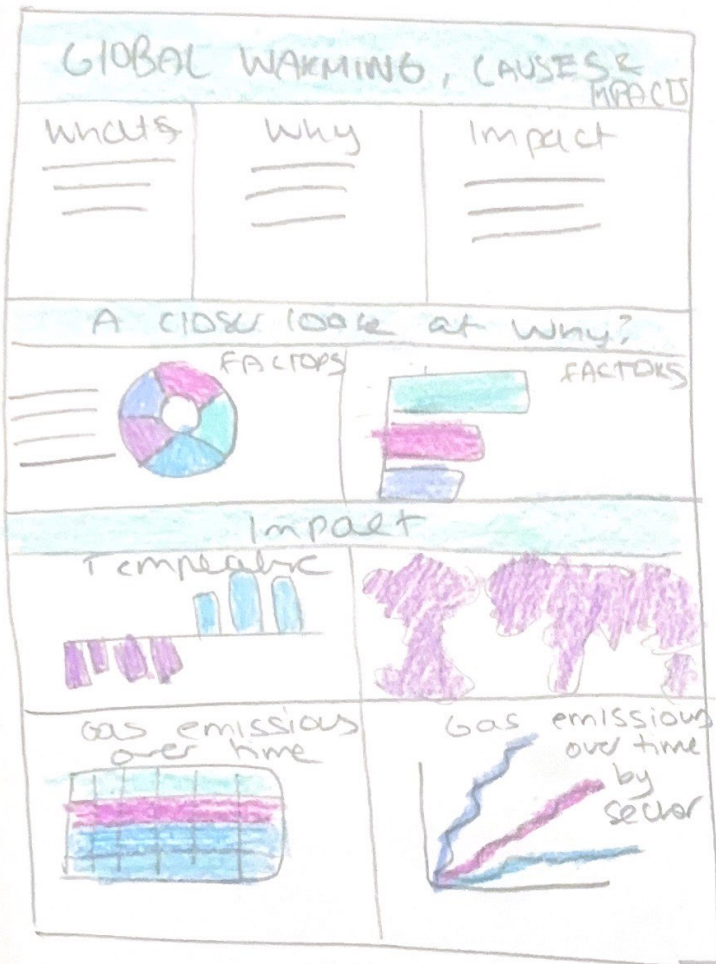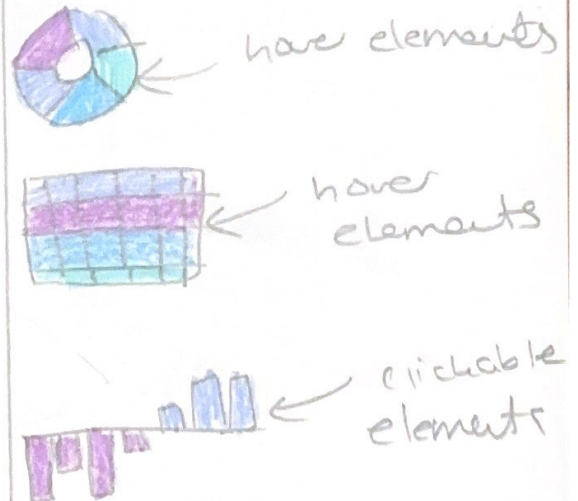
FOCUS

Story

→ the how
ie.
impact

the what

→ the why

Discussion

- is the theme appropriate
- are all questions being answered?
- more interaction elements.

LAYOUT

GLOBAL WARMING, CAUSES & IMPACT

| Whats | Why | Impact |

A closer look at why?

FACTORS   FACTORS

Impact

Temperature

Gas emissions over time

Gas emissions over time by sector
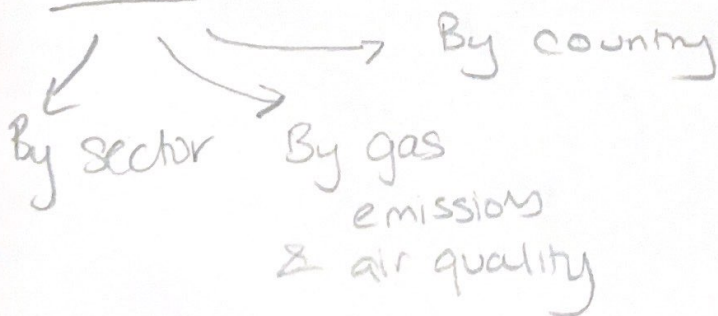
Title: Global warming, causes & impacts
Author: Nabiha Siddiqui
Date: 25/09/24
Sheet: 5
Task: Data Vis 2

Operation

← have elements

← hover elements

← clickable elements

Focus
Impacts

→ By country

By sector   By gas emissions & air quality

Discussion

- enough visualisation
- Are all questions being answered
- Is there a good story telling theme.