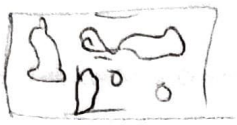
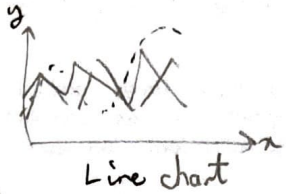
Ideas

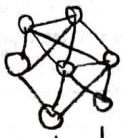
Sheet 1 Name Anya N. Date 02/10/2025



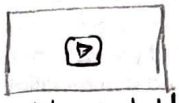
Map



Line chart



Network Diagram

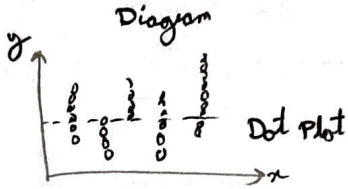


Video Embedded / Animation

Pie Chart

Bar Chart

Bubble Chart



Dot Plot

Filter

Map → Essential for DV2.

~~Bar~~

Network diagram → Might not be very useful

Dot Plot → Maybe connect to line chart

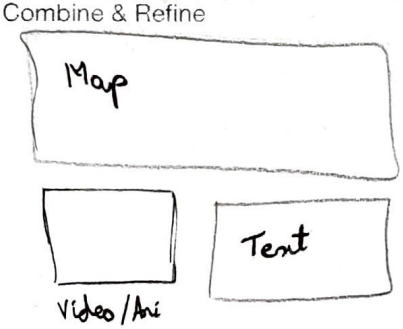
Bar Chart
Line "
Shape "
Bubble "

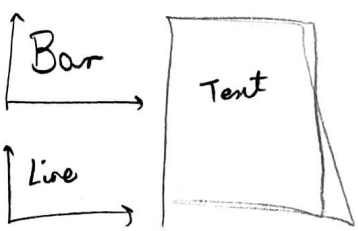
} Could use to show history OR projection of future

Categorise

Map & Video/Animation could work in tandem, not sure how though.

Combine & Refine





Summarise and question

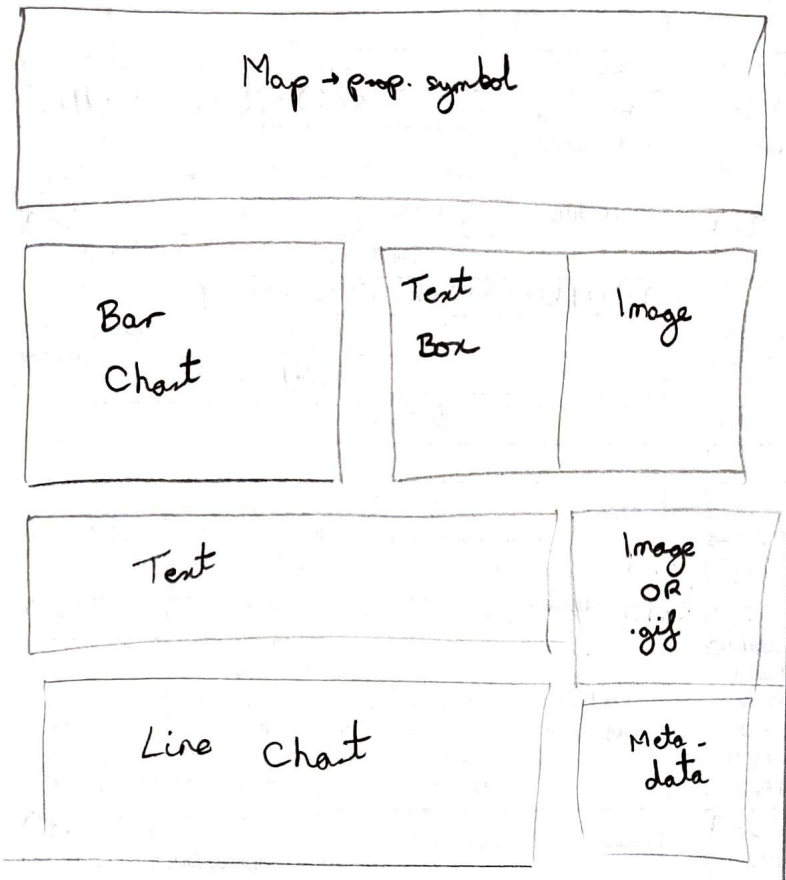
Will a video be necessary, or even possible to use?

What is the ideal dataset?

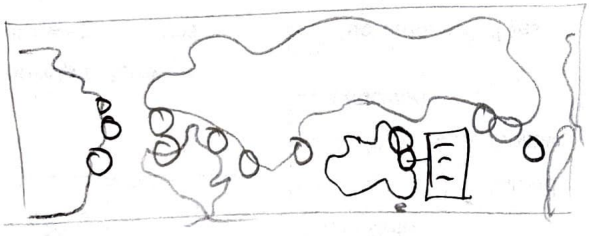
What kind of map will best show ideal dataset?

How long will it take to make?

Big Picture / Layout Title



Parti / Focus



Tooltip can show Temperature of water, % damage, other data too.

Sheet 2,3,4
Name Anya Nayak
Date 3/10/2025

Title

Description

Components / Operations

Map → proportional symbol map, cylinder projection, showing damage to coral reefs. Tooltip

Bar Chart → Location of reef vs ocean temp. Text to explain.

Line chart → Time vs "dead coral"

Comic Strip Genre

Pro & Cons

Pros

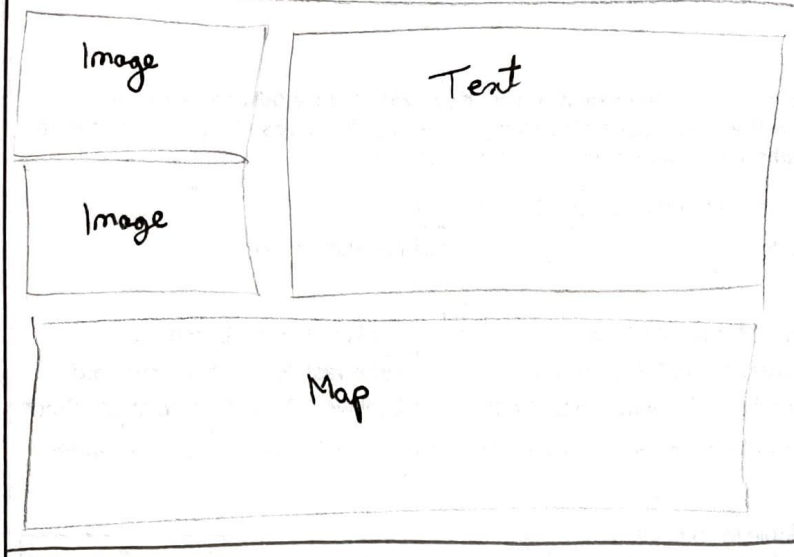
- Simple & easy design.
- Easy to follow

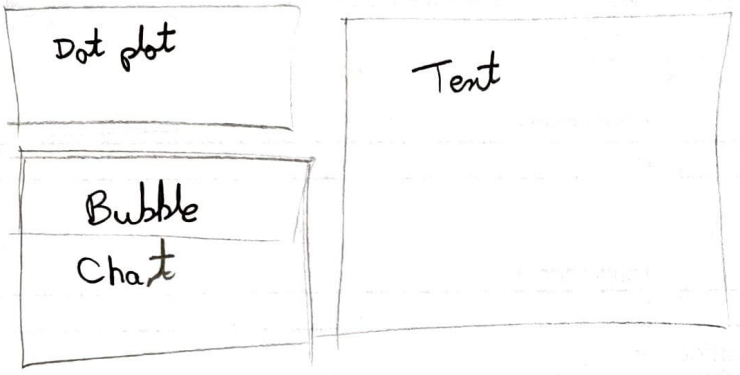
Cons

- Prop. symbol could get messy if data isn't properly cleaned.

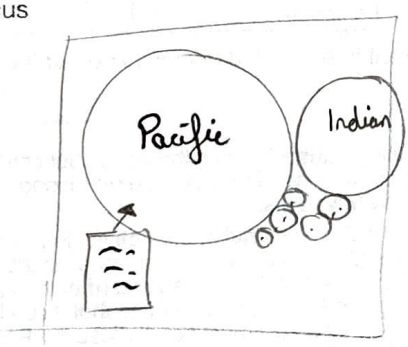
Big Picture / Layout

Title





Parti / Focus



Bubbleplot tool tip can show Temp, contaminants, % change of Temp, other data too. Might choose to use colours that resemble bleaching of coral reefs.

Sheet 2 (3) 4

Name Anya Nayak

Date 4/10/25

Title

Description

Components / Operations

Magazine style

Map → bin map, darker colour ⇒ more bleaching

Tooltip again for extra data

Dot plot → Region vs % damage

Bubble → Ocean Temp

Pro & Cons

Pros

Bin map might be the best way to show bleaching.

Image good to break-up data.

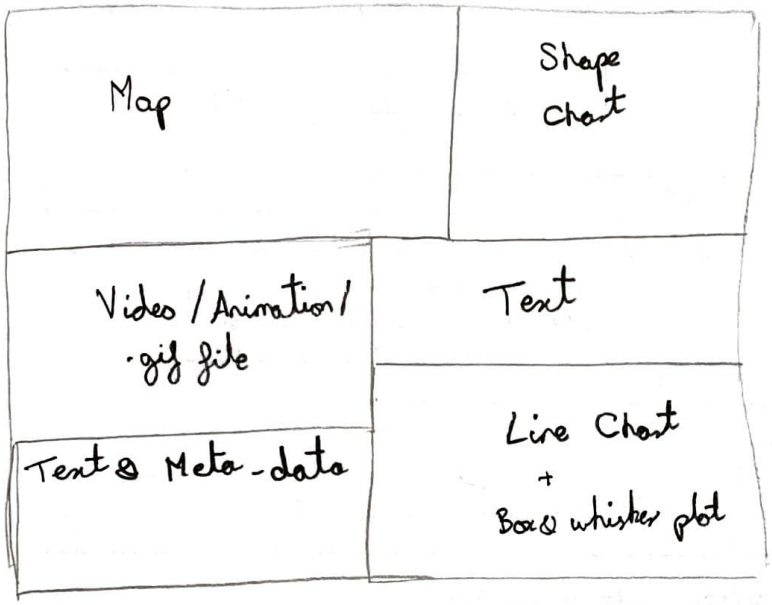
Cons

Too much text?

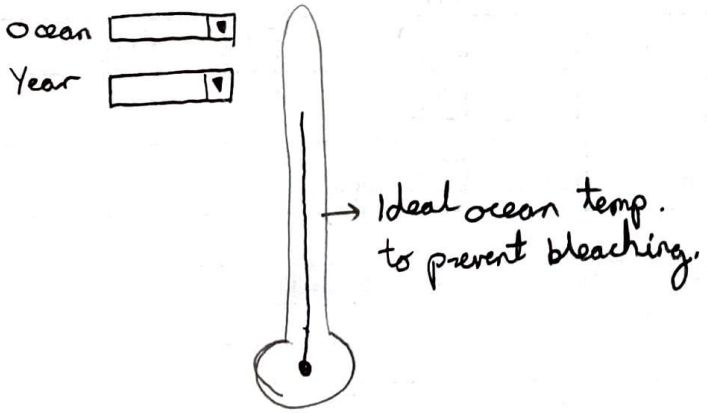
Not enough vis

Big Picture / Layout

Title



Parti / Focus Shape Chart



Sheet 2,3,(4)
Name Anya Mayak
Date 6/10/2025
Title

Description

Components / Operations

Partitioned poster

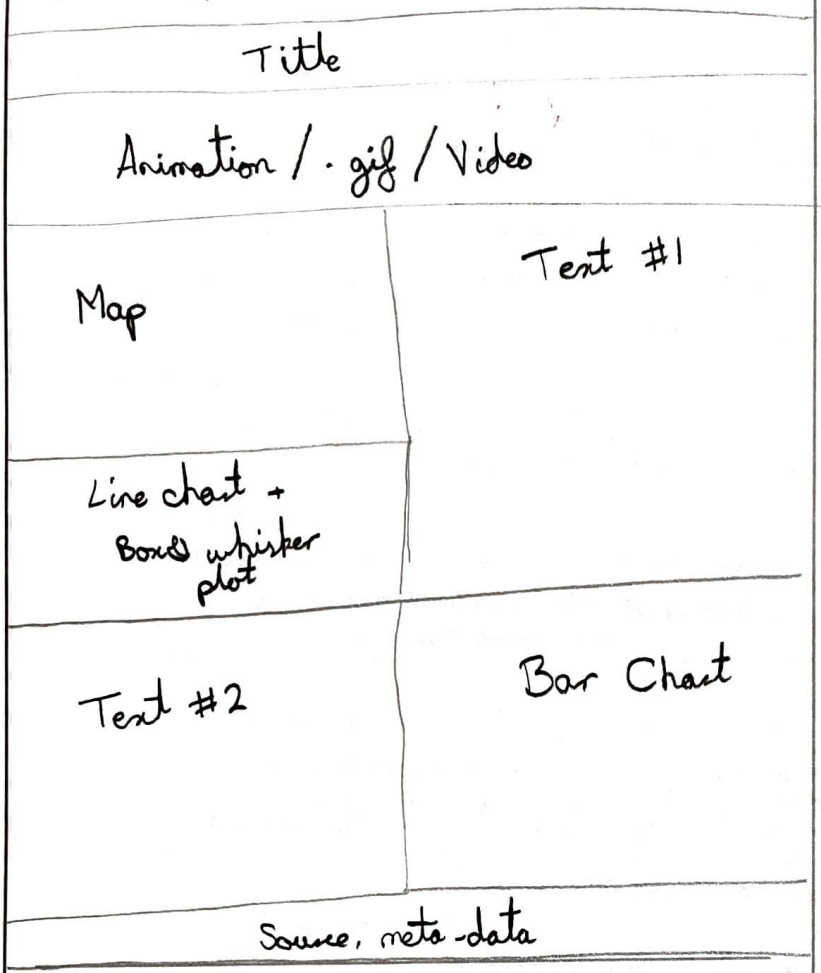
- Map will have annotations,
- Shape chart will be of Ocean Temp in specific year (Can choose ocean & year), thermometer shape.
- ~~Line~~ Bar chart to show ~~bleaching~~, temperature (low & high), line chart to show % bleaching

Pro & Cons

Pros:
- Complexity
- Easy on the eyes
-

Cons:
Complexity for myself.
Map too small maybe?

Big Picture / Layout



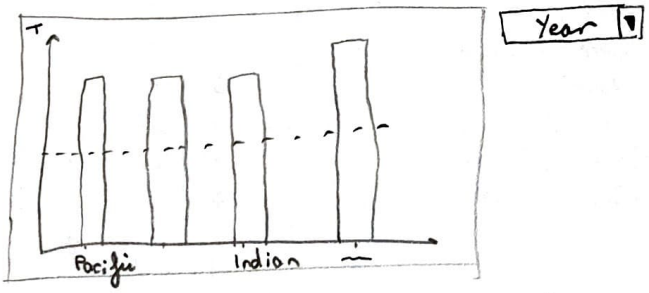
Sheet 5
Name Anya Nayak
Date 9/10/25
Title
Description

Components / Operations

Partitioned Poster

- Animation will have coral reef, will transition from healthy to bleached.
- Map → Choropleth map, darker = more bleaching. symbol map could work.
- Line, B&W Chart → Line to show % bleaching, B&W to show max/min Temp, maybe just box.
- Bar Chart → Ocean Temp vs year

Parti / Focus



- Dotted line / Annotation to show what Temp should be ideally for no bleaching
- Tooltip to show exact temp along w Turbidity.
- Annotation to explain what Turbidity is.

Details

- Bar Chart & B&W/Line chart will be colour of coral OR bleached coral.
- Text #1 focus on bleaching disaster
- Text #2 focus on how to solve / improve.